



AGRICULTURAL RESEARCH INSTITUTE
PUSA

INDEX VIII
TO THE
LITERATURE
OF
AMERICAN ECONOMIC ENTOMOLOGY
January 1, 1945 to December 31, 1947

Compiled by

INA L. HAWES

Library

United States Department of Agriculture



163665



IARI

AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS
COLLEGE PARK, MD.

INDEX VIII TO THE LITERATURE OF AMERICAN ECONOMIC ENTOMOLOGY

January 1, 1945-December 31, 1947

Compiled by
Ina L. Hawes

Index VIII to the Literature of American Economic Entomology for the three-year period January 1, 1945 to December 31, 1947, inclusive, is a continuation of the Banks' Index, 1905-1914, and of the Colcord Indexes, 1915-1939. These indexes are modified extensions of the Bibliography of American Economic Entomology (Pts. I-V by Samuel Henshaw, Pts. VI-VIII by Nathan Banks) published, 1889-1905, by the U. S. Department of Agriculture, Division (or Bureau) of Entomology. Index VII, 1940-1944, and the present index were prepared as projects of the U. S. Department of Agriculture Library.

The manuscripts of preceding indexes were sent to a Scientific Editor appointed by the American Association of Economic Entomologists. This procedure placed a great burden on the Editor and delayed the final preparation of the manuscript. Therefore, at its New York Meeting in December, 1948, the Association authorized the incoming President (A. M. Boyce) to appoint a committee to supervise the preparation of Index VIII. The committee appointed consisted of Dr. C. F. W. Muesebeck, Chairman, Dr. B. A. Porter, and Ina L. Hawes.

It was agreed that the increasing volume of published matter, together with greater costs of preparation and publication, necessitated more discrimination in the type of material included and in the headings used. It was decided to omit: articles in farm papers or student publications, material appearing regularly as columns, all articles dealing with earthworms, nematodes, barberry eradication or white-pine blister rust, extension publications other than annual reports, bulletin and circular series (or equivalent titles); material on genetics (except books or monographs) unless it concerned an economic species, articles dealing with foreign insect species or control problems, except where some connection is made with the countries covered by the Index. In indexing taxonomic papers a single entry was to be made for revisions or geographic reviews of groups, and new species were not to be included unless the articles indicated probable economic importance. The compiler was authorized to use her discretion in cases where too strict an application of these decisions would affect the usefulness of the Index.

The geographic range of Index VIII is continental North America, including Alaska, Canada, Mexico and the Panama Canal Zone. Some material published in Cuba, Puerto Rico and Hawaii has also been included. Scientific names of insects and other subjects are arranged alphabetically, references are arranged alphabetically by author under the insect names and chronologically under each author. Authorities for all insect names are included.

The references have been made as short as possible and should be intelligible after reading the following explanation and referring, when necessary, to the list of abbreviations. "B" indicates bulletin, "C" circular, "M" memoir, "PB" press bulletin, "R" report, and "TB" technical bulletin, except when in titles. Publications of the various agricultural experiment stations are referred to simply by State abbreviation and number of bulletin, circular or report - e.g., "Wash. B. 497" means Washington Agricultural Experiment Station Bulletin 497; "Neb. Ext. C. 1507 rev." means Nebraska Extension Service Circular 1507 revised. The Cornell Agricultural Experiment Station Bulletins are referred to as "N. Y. (C.) B.", the Geneva Agricultural Experiment Station Bulletins as "N. Y. (G.) B." the bulletins of the U. S. Department of Agriculture are "USDA B.", the Farmers' Bulletins are "USDA FB," the Yearbook

articles are "USDA YB," the Proceedings of the U. S. National Museum are abbreviated to "PUSNM," and the Bulletins of the American Museum of Natural History of New York are "BAMNH."

The form of reference used is: the first figure after "B.", "R.", etc. indicates the number of the bulletin or report, the number following the colon is the page, which is followed by a comma and the year of publication. In periodical citations the volume is given but the number in the volume is usually omitted unless each number is separately paged or unless the work indexed is a supplement to a specific number.

Examples. Mosq. News 7.11-13, 1947, Agr. Chem. 2(8).18, 1947. When a publication for one year is published in another year both dates are given, as Hawaii R. f. 1944/46.74,98-99, 1947. When published the same year only one date is given, e.g. a publication for 1946 published in 1946 is listed as follows Conn. R. f. 1945/46 7-10, 41.

Marginal letters or symbols have the following significance. "b" indicates that the article contains a bibliography, "n" that a new description is included and that the author is the describer unless otherwise stated, "i" that the article contains illustrations, "k" that a key is given. Starred (*) names are those approved by the Committee on Common names of the American Association of Economic Entomologists.

Insect names and authorities for them have been checked in the Division of Insect Identification of the U. S. Bureau of Entomology and Plant Quarantine. The insecticide groups were checked by the Division of Insecticide Investigations. Other Divisions of the Bureau have been consulted for advice in their subject fields.

The assistance of Miss Ethel Coon in the preparation of the Index is gratefully acknowledged.

BOOKS INDEXED - SELECTED LIST

- Ackerknecht, E. H. Malaria in the upper Mississippi Valley 1760-1900. 1945.
- American Association of Economic Entomologists. Eastern Branch. Entoma. Ed. 7. 1947.
- Barber, M. A. A malariologist in many lands. 1946.
- Benbrook, E. A. List of parasites of domesticated animals of North America. 1945. Processed.
- Boyd, M. F. Preventive medicine. Ed. 7. 1945.
- Bozeman, M. L. Transplantation of imaginal discs in the bar series of *Drosophila melanogaster*. 1945. Abs. Thesis, Ph.D. - Univ. of Illinois.
- Brues, C. T. Insect dietary, an account of the food habits of insects. 1946.
- Cameron, T. W. M. The parasites of man in temperate climates. Ed. 2. 1946.
- Carpenter, S. J., et al. The mosquitoes of the southern United States, east of Oklahoma and Texas. 1946. (Amer. Mid. Nat. Monog. 3)
- Chamberlin, W. J. Entomological nomenclature and literature. Ed. 2. 1946.
- Clausen, L. W. The development of the entomological exhibit in museums of the United States. 1947. Abs. Thesis, Ph.D. - N. Y. Univ.
- Conn, H. J. Biological stains, a handbook on the nature and uses of the dyes employed in the biological laboratory. Ed. 5. 1946.
- Cook, M. T. Viruses and virus diseases of plants. 1947.
- Cooper, Lane, et al. Louis Agassiz as a teacher. 1945.
- Cruz Monclova, Hector D. D. T. Insecticides. 1946.
- Curtis, W. C., and Guthrie, M. J. Textbook of general zoology. Ed. 4. 1947.
- Dahm, P. A. A study of certain metabolic intermediates in the DDT poisoned housefly adult. 1947. Abs. Thesis, Ph.D. - Univ. of Illinois.
- DeGryse, J. J. Forest entomology in Canada. 1947. (Canada. Dept. of Mines and Resources)
- DeLong, D. M., and Knull, D. J. Check list of the Cicadellidae (Homoptera) of America, North of Mexico. 1945. (Grad. School Studies, Biol. Sci. Ser. No. 1.)
- Demuth, G. S. Five hundred answers to bee questions pertaining to their behavior and relation to honey production. 1947.
- Dethier, V. G. Chemical insect attractants and repellents. 1947.
- Dodge, N. N. Poisonous dwellers of the desert. 1947. (Southw. Monuments Assoc. Pop. Ser. No. 3)
- Dykstra, R. R. Animal sanitation and disease control. Rev. and enlarged. 1946.
- Esselbaugh, C. O. Biology of the Pentatomidae (Hemiptera) 1945. Abs. Thesis, Ph.D. - Univ. of Illinois.
- Free, Montague. Gardening; a complete guide to garden making. Rev. ed. 1947.
- Fullaway, D. T., and Krauss, N. L. H. Common insects of Hawaii. 1945.
- Gnadinger, C. B. Pyrethrum flowers. Supplement to second edition 1936-1945. 1945.
- Grout, R. A., Editor. The hive and the honeybee...1946.
- Harding, T. S. Two blades of grass, a history of scientific development in the U. S. Department of Agriculture. 1947. (Univ. Okla. Press)
- Harpster, H. T. The insect world. 1947.
- Headlee, T. J. The mosquitoes of New Jersey and their control. 1945.
- Horvath, Geza, et al. General catalogue of the Hemiptera. Fasc. IV, Pt. 4-9. 1945-1947; Fasc. V. 1946.
- Hubbard, C. A. Fleas of western North America. 1947.
- Hull, T. G. Diseases transmitted from animals to man. Ed. 3. 1947.
- Husman, C. N., et al. Equipment for the dispersal of insecticides by means of aircraft. 1945. (Natl. Res. Council. Ins. Control Com. Rpt. 151)
- Hutchison, C. B., Editor. California agriculture, by members of the faculty of the College of Agriculture, University of California. 1946.
- Hutyra, Franz, et al. Special pathology and therapeutics of the diseases of domestic animals. 5th Eng. ed. 1946.
- Iowa State College, and Iowa Agricultural Experiment Station. A century of farming in Iowa 1846-1946. 1946.
- Isely, Dwight. Methods of insect control. Pt. II, ed. 4 rev. 1947.
- Jaques, H. E. How to know the insects. Ed. 2. 1947.
- Jordan, E., and Burrows, William. Textbook of bacteriology. Ed. 14 rev. 1945.
- Kaupp, B. F., and Surface, R. C. Poultry sanitation and disease control. Ed. 3. 1947.
- Läuger, P., et al. Mechanism of intoxication of DDT insecticides in insects and warm-blooded animals. 1946.
- Leary, J. C., et al. DDT and the insect problem. 1946.
- McClintock, J. A., and Fisher, W. B. Spray chemicals and application equipment...1945.
- Mallis, A. Handbook of pest control; the behavior, life history, and control of household pests. 1945.
- Manson-Bahr, P. H. Manson's tropical diseases, a manual of the diseases of warm climates. Ed. 12. 1945.
- Manufacturing Chemists Association of the United States. Warning labels. Pt. I. A guide for the preparation... for hazardous chemicals; Pt. II. Illustrative warning labels...Rev. 1946.
- Martin, A., Jr. An introduction to the genetics of *Habrobracon juglandis* Ashmead. 1947.

- Mason, G. F. Animal homes. 1947.
- Massachusetts. Department of Conservation. Special report of the Department of Conservation relative to reforestation and the control of the gypsy moth in the Commonwealth. 1946.
- Mavor, J. W. General biology. Ed. 3. 1947.
- Milne, L. J., and Milne, M. J. A multitude of living things. 1947.
- Mönnig, H. O. Veterinary helminthology and entomology...Ed. 3. 1947.
- National Livestock Loss Prevention Board. Cattle grubs must go. 1945.
- Osborn, Herbert. Fragments of entomological history, including some personal recollections of men and events. Pt. 2. 1946.
- Parker, J. B., and Clarke, J. J. An introduction to animal biology. Ed. 2. 1945.
- Pellet, F. C. American honey plants, together with those which are of special value to the beekeeper as sources of pollen. Ed. 4. 1947.
- Peterson, Alvah. A manual of entomological equipment and methods. Ed. 5 (Pts. I-II in one volume) 1947.
- Phillips, V. T. Biology and identification of trypetid larvae (Diptera Trypetidae) 1946 (Amer. Ent. Soc. M. 12).
- Picard, J. P. The essential structural features of DDT determined by a study of the insecticidal activity of closely related compounds. 1947. Abs. Thesis, Ph.D. - Univ. of Illinois.
- Potter, G. E. Textbook of zoology. Ed. 2. 1947.
- Proctor, William. The insect fauna. Biological survey of the Mount Desert Region. Pt. VII. 1946.
- Pyenson, Louis. Pest control in the home garden. Reissued with additional material. 1945.
- Quebec. Ministère de l'Agriculture. Liste officielle des noms Français des insectes d'importance économique au Canada. Ed. 1. 1947.
- Riegel, G. T. The American species of Dacnusiinae, excluding certain Dacnusiini (Hymenoptera Braconidae) 1947. Abs. Thesis, Ph.D. - Univ. of Chicago.
- Roberts, W. S. Silk culture in America. 1945.
- Root, A. I., et al. The ABC and XYZ, of bee culture. Rev. 1945.
- Rowe, H. G. Starting right with bees, or beginner's hand book on bees. Ed. 8. 1947.
- Russell, P. F., et al. Practical malariology. 1946.
- Sechrist, E., and McFarland, D. F. Scientific beekeeping. 1946.
- Sorenson, C. H. Mirid-bug injury as a factor in declining alfalfa-seed yields. 1946. (Utah St. Agr. Col. Ann. Faculty Res. Lecture No. 5)
- Steinhaus, E. A. Insect microbiology, an account of the microbes associated with insects and ticks...1946.
- Strandtmann, R. W. A review of the North American species of Philanthus, North of Mexico (Hymenoptera: Sphecidae) 1946. (Ohio Grad. School Studies, Contrib. in Zool. and Ent. No. 7.)
- Sutherland, Louis. The life of the queen bee. 1946.
- Teller, J. D. Louis Agassiz, scientist & teacher. 1947.
- Thorp, R. W., and Woodson, W. D. Black widow, America's most poisonous spider. 1945.
- Townes, H. K. A catalogue and reclassification of the Nearctic Ichneumonidae. 1945. (Amer. Ent. Soc. M. 11, Pt. 2)
- United States Public Health Service, and Tennessee Valley Authority. Malaria control on impounded waters. 1947.
- Vargas, Luis. Simulidos del Nuevo Mundo. 1945. (Inst. Salub. y Enferm. Trop. Mex. Monog. 1)
- Ward's Natural Science Establishment, Inc. How to make an insect collection...1945.
- Watkins, T. C., and Norton, L. B. Properties and commercial sources of insecticide dust diluents and carriers. 1947. Processed.
- Watson, F. E., and Lutz, F. E. Our common butterflies. Ed. 8 rev. 1946. (Amer. Mus. Nat. Hist. Sci. Guide No. 38)
- Westcott, Cynthia. The gardener's bug book, 1000 insect pests and their control. 1946.
- Westveld, Marinus. The budworm is back 1947. (Soc. for the Protect. of N. H. For., and U. S. For. Serv. Northeast. For. Expt. Sta.)
- Wetzel, C. M. Practical fly fishing containing modern fly fishing methods, the fly fisher's entomology and how to tie flies. Ed. 2. 1945.
- Wild life the world over, comprising twenty-seven chapters written by nine distinguished world-traveled specialists. 1947.
- Winchester, A. M. Zoology, the science of animal life. 1947.
- Wise, W. H. & Co. Wonders of Nature, how animals and plants live and behave in relation to their natural surroundings. 1945.
- Wolcott, R. H. Animal biology. Ed. 3. 1946.
- Zinn, H. J. Our Martha. [Honeybees in domesticated and wild life.] 1945.

LIST OF ABBREVIATIONS

Abs. -- Abstract	Chemurg. -- Chemurgic
Acad. -- Academic, Academy	Child.-s--Children, Children's
Acoust. -- Acoustical	Chron. -- Chronicle
Activ. -- Activity, Activities	Cien. -- Ciencia
Adm. -- Administrative, Administration	Cient. -- Cientifica
Adv. -- Advancement, Advances	Cir. (when in title) -- Circular
Advoc. -- Advocate	Cit. -- Citrus, Citriculture
Aff. -- Affairs	Citrog. -- Citrograph
Agr. -- Agriculture, Agricultural, Agri- culturist	Clem. -- Clemson
Agron. -- Agronomy, Agronomia, Agro- nomica	Climatol. -- Climatology
Ala. -- Alabama	Clin. -- Clinical
All. -- Allied	Co. -- County, Company
Alphabet. -- Alphabetical	Col. -- College
Amer. -- American, Americana	Colo. -- Colorado
Amers. -- Americas	Color. -- Colorist
An. -- Anaes	Collect. -- Collection, Collecting, Collections
Anal. -- Analyst, Analysis, Analytical	Com. -- Commercial, Commerce, Com- mittee, Commercial, Comercio
Anat. -- Anatomy	Commod. -- Commodity
Anim. -- Animal	Commun. -- Community, Communication, Communications
Ann. -- Annals, Annual	Comn. -- Commission
Anthrop. -- Anthropology	Comnr. -- Commissioner
Apic. -- Apiculture, Apicultural	Comnrs. -- Commissioners
App. -- Appendix	Comp. -- Composition
Appl. -- Applied, Application	Compar. -- Comparative
Arbor. -- Arboriculture, Arboriculturist	Conf. -- Conference
Arch. -- Archives	Conf. -- Conferences
Ariz. -- Arizona	Confect. -- Confectioner, Confectioners, Confectionery
Ark. -- Arkansas	Confed. -- Confederación
Asist. -- Asistencia	Cong. -- Congress, Congreso
Asoc. -- Asociación	Conn. -- Connecticut
Assoc. -- Association, Associated	Conserv. -- Conservation, Conservationist
Assoc. -- Associations	Consol. -- Consolidated
B. -- Bulletin (except in title)	Consum. -- Consumer, Consumers
BAMNH -- Amer. Mus. Nat. Hist. Bul.	Constr. -- Construction
B. C. -- British Columbia	Contrib. -- Contribution
Bact. -- Bacteria, Bacteriology	Conv. -- Convention
Bank. -- Banker, Banking	Coop. or Co-op. -- Cooperation, Cooper- ator, Cooperative
Bd. -- Board	Corp. -- Corporation
Benef. -- Beneficial, Beneficencia	Corresp. -- Correspondence, Corre- spondenz
Biblog. -- Bibliography	Cranb. -- Cranberry
Bien. -- Biennial	Cult. -- Culture, Cultivated, Cultivation
Bimo. -- Bimonthly	Cytol. -- Cytology
Biochem. -- Biochemical, Biochemistry	D. C. -- District of Columbia
Biog. -- Biography	Dairym. -- Dairyman
Biol. -- Biology	Del. -- Delaware
Brother. -- Biotherapy	Demon. -- Demonstration
Bklyn. -- Brooklyn	Dept. -- Department
Bldg. -- Building	Dermat. -- Dermatology
Bldgs. -- Buildings	Descr. -- Description, Descriptive
Bol. -- Boletin	Destr. -- Destruction, Destructive
Bost. -- Boston	Develop. -- Development
Bot. -- Botany, Botanical	Digest. -- Digestion, Digestive
Breed. -- Breeder, Breeding, Breeders	Dir. -- Director, Directory
Brief. -- Brieflet	Dis. -- Disease, Diseases
Bul. (when title) -- Bulletin	Discuss. -- Discussion
Bur. -- Bureau	Diss. -- Dissertation
C. -- Circular (except in title)	Dist. -- District
C. (when after N. Y.) -- Cornell	Distrib. -- Distribution
Cal. -- California	Div. -- Division
Cám. -- Cámara	Doc. -- Document, Documentary
Can. -- Canada, Canadian, Canadienne	Dom. -- Domestic
Cat. -- Catalog	Drug. -- Druggist
Cattlem. -- Cattleman	East. -- Eastern
Cell. -- Cellular	Ec. -- Economic
Cent. -- Center, Central, Century	
Certif. -- Certificate	
Chem. -- Chemical, Chemistry	
Chemother. -- Chemotherapy	

Fcol. -- Ecology, Ecological
 Ed. -- Edition
 Educ. -- Education, Educational
 Elect. -- Electric, Electrical, Electricity
 Electrifi. -- Electrification
 Elem. -- Elementary
 Encyclop. -- Encyclopedia
 Enferm. -- Enfermedade, Enfermedades
 Eng. -- English
 Engin. -- Engineer, Engineering
 Ent. -- Entomology, Entomologist
 Entomol. -- Entomological
 Epidemiol. -- Epidemiology
 Equip. -- Equipment
 Erad. -- Eradication
 Esc. -- Escola, Escuela
 Estab. -- Establish, Establishment
 Even. -- Evening
 Exch. -- Exchange
 Exhib. -- Exhibit, Exhibition
 Exped. -- Expedition, Expeditionary
 Explor. -- Exploration, Explorations
 Expt. -- Experiment, Experimental
 Expts. -- Experiments
 Ext. -- Extension
 Exterm. -- Exterminate, Extermination
 Extr. -- Extract

Facul. -- Faculty
 Farm. -- Farmer, Farming
 Fed. -- Federal
 Feed. -- Feeding
 Fert. -- Fertilizer
 Financ. -- Financial
 Fitopat. -- Fitopatologia
 Fla. -- Florida
 Flor. -- Florist
 For. -- Forest, Forester, Forestry
 Forests, Forêts
 Found. -- Foundation
 Frutic. -- Fruticultura
 Fund. -- Fundamental, Fundamentals
 Fungic. -- Fungicide, Fungicides

G. (when after N. Y.) -- Geneva
 Ga. -- Georgia
 Ganad. -- Ganaderia
 Gard. -- Garden, Gardening, Gardener,
 Gardeners
 Gaz. -- Gazette, Gazetteer
 Gen. -- General
 Genet. -- Genetics
 Gent. -- Gentleman
 Geog. -- Geographic, Geographical
 Geol. -- Geology, Geological
 Glad. -- Gladiolus
 Gov. -- Governor
 Govt. -- Government
 Grad. -- Graduate
 Grow. -- Grower, Growers, Growing

Handb. -- Handbook
 Helminth. -- Helminthology
 Hem. -- Hemiptera
 Herdsm. -- Herdsman
 Hered. -- Heredity
 Hist. -- Historical
 Histol. -- Histology
 Hort. -- Horticultural
 Hosp. -- Hospital
 Husb. -- Husbandry
 Hyg. -- Hygiene

Ida. -- Idaho
 Ident. -- Identical, Identification
 Ill. -- Illinois
 Illum. -- Illuminating
 Illus. -- Illustration, Illustrated
 Imag. -- Imago, Imaginal
 Immigr. -- Immigration
 Immunol. -- Immunology
 Imp. -- Imperial
 Impl. -- Implement
 Import. -- Imported
 Impound. -- Impounded
 Impr. -- Improvement
 Ind. -- Indiana
 Indus. -- Industry, Industrial
 Infect. -- Infection
 Inform. -- Information, Informes
 Ing. -- Ingeniero
 Injur. -- Injurious
 Inq. -- Inquiry
 Ins. -- Insect
 Insectic. -- Insecticide, Insecticides,
 Insecticidal
 Insp. -- Inspection
 Inst. -- Institute
 Instr. -- Instrument
 Int. -- Internal, Interior
 Interamer. -- Interamericana
 Internatl. -- International
 Introd. -- Introduction
 Invest. -- Investigation
 Irrig. -- Irrigation
 Isl. -- Island

J. -- Journal
 Jr. -- Junior
 Judg. -- Judgment
 Kans. -- Kansas
 Ky. -- Kentucky

La. -- Louisiana
 Lab. -- Laboratory
 Leaf. -- Leaflet, Leaflets
 Leg. -- Legal, Legislation, Legislative,
 Legislature
 Legum. -- Leguminous
 Let. -- Letter
 Libr. -- Library
 Ltd. -- Limited
 Lumberm. -- Lumberman

M. -- Memoir (except in title)
 Mach. -- Machinery
 Mag. -- Magazine
 Mal. -- Malady, Maladie
 Malar. -- Malaria, Malarial, Malariology
 Mammal. -- Mammalogy
 Man. -- Manual
 Mangt. -- Management
 Mar. -- Marine
 Marit. -- Maritime
 Mater. -- Material, Materials
 Math. -- Mathematics, Mathematical
 Md. -- Maryland
 Mech. -- Mechanism
 Med. -- Medicine, Medica
 Mem. (when in title) Memoirs
 Memo. -- Memorandum
 Met. -- Meteorology
 Metall. -- Metallurgy, Metallurgical
 Mex. -- Mexico
 Mfd. -- Manufactured

Mfg. -- Manufacturing
 Mfr.,-s. -- Manufacturer, Manufacturers
 Mich. -- Michigan
 Microbiol. -- Microbiology
 Microent. -- Microentomology
 Microg. -- Micrographical, Micrography
 Microorgan. -- Microorganism
 Micros. -- Microscopic, Microscopical
 Mid. -- Midland
 Mil. -- Military
 Mill. -- Miller, Millers, Millering
 Mimeo. -- Mimeograph
 Min. -- Minister, Ministry, Ministère,
 Mineral

Minn. -- Minnesota
 Misc. -- Miscellaneous, Miscelanea
 Miss. -- Mississippi
 Mkt. -- Market
 Mktg. -- Marketing
 Mktr. -- Marketer
 Mo. -- Missouri
 Mod. -- Modern
 Monog. -- Monograph
 Mont. -- Montana
 Month. -- Monthly
 Morph. -- Morphology
 Mosq. -- Mosquito, Mosquitoes
 Mtg. -- Meeting
 Mtgs. -- Meetings
 Munic. -- Municipal
 Mus. -- Museum
 Mycol. -- Mycology

N. Amer. -- North America
 N. B. -- New Brunswick
 N. C. -- North Carolina
 N. Dak. -- North Dakota
 N. Eng. -- New England
 N. H. -- New Hampshire
 N. J. -- New Jersey
 N. Mex. -- New Mexico
 N. O. -- New Orleans
 N. S. -- Nova Scotia
 N. Y. -- New York
 N. Y. (C.) -- New York (Cornell)
 N. Y. (G.) -- New York (Geneva)
 Nac. -- Nacional, Nacionales
 Nat. -- Naturalist, Natural, Naturaliste,
 Naturalrae
 Natl. -- National
 Nav. -- Naval
 Neb. -- Nebraska
 Neotrop. -- Neotropic, Neotropical
 Neurol. -- Neurology
 Neurophysiol. -- Neurophysiology
 Nev. -- Nevada
 No. -- North, Number
 Nomencl. -- Nomenclature
 North. -- Northern
 Northeast. -- Northeastern
 Northw. -- Northwest
 Northwest. -- Northwestern
 Nos. -- Numbers
 Not. -- Notice, Notulae
 Nov. -- Novitates
 Nurs. -- Nursing, Nursery, Nurseries
 Nurserym. -- Nurseryman
 Nutr. -- Nutrition, Nutritional

Observ. -- Observation
 Occas. -- Occasional
 Occup. -- Occupation

Oceanog. -- Oceanographic
 Off. -- Office, Official
 Ofic. -- Oficial
 Okla. -- Oklahoma
 Oper. -- Operation, Operative
 Ont. -- Ontario
 Ophth. -- Ophthalmology
 Optic. -- Optical
 Orch. -- Orchard
 Oreg. -- Oregon
 Organ. -- Organic, Organism, Organiza-
 tion
 Orig. -- Original
 Ornament -- Ornamental
 Ornith. -- Ornithology

P. -- Proceeding
 P. R. -- Press Bulletin
 P. R. -- Puerto Rico
 P.U.S.N.M. -- U. S. Natl. Mus. Proc.
 Pac. -- Pacific
 Paleont. -- Paleontology
 Pam. -- Pamphlet
 Pan Amer. -- Pan American
 Parasit. -- Parasitism, Parasitology
 Pat. -- Patent, Patents
 Path. -- Pathology
 Patol. -- Patologia
 Pa. -- Pennsylvania
 Ped. -- Pediatric
 Perm. -- Permanent
 Petrol. -- Petroleum
 Pharm. -- Pharmacy, Pharmaceutical,
 Pharmacology, Pharmacist
 Phil. -- Philosophy, Philosophical
 Phila. -- Philadelphia
 Photog. -- Photography
 Phys. -- Physical
 Physiol. -- Physiology
 Phytopath. -- Phytopathology
 Plan. -- Planning
 Pollut. -- Pollution
 Polytech. -- Polytechnic
 Pom. -- Pomology, Pomological
 Pop. -- Popular
 Poult. -- Poultry
 Poultrym. -- Poultryman
 Pract. -- Practice, Practical
 Pred. -- Predator, Predators
 Prelim. -- Preliminary
 Pres. -- President
 Preserv. -- Preservation, Preservative
 Prev. -- Prevention, Preventive
 Prob. -- Problem, Problems
 Prod. -- Produce, Producer, Producers,
 Product, Products, Produc-
 tion, Productive
 Prof. -- Professional
 Prog. -- Progress, Progressive
 Proj. -- Project
 Promot. -- Promoting
 Protect. -- Protection, Protective
 Prov. -- Province
 Provs. -- Provinces
 Psychol. -- Psychology
 Pub. -- Public
 Pubs. -- Publications

Quantit. -- Quantitative
 Quar. -- Quarantine
 Quart. -- Quarter, Quarterly

R. -- Report (except in title), Rapport
 R. I. -- Rhode Island
 Rec. -- Record
 Reclam. -- Reclamation
 Recom. -- Recommendation
 Reconstr. -- Reconstruction
 Ref. -- Reference
 Refor. -- Reforestation
 Refrig. -- Refrigeration, Refrigerating
 Region. -- Regional
 Registr. -- Registration
 Regulat. -- Regulatory, Regulation
 Relat. -- Relation, Relative, Relating,
 Related
 Repub. -- Republic
 Res. -- Research
 Repr. -- Reprint
 Reserv. -- Reservation
 Resist. -- Resistance
 Rev. -- Review, Revision, Revista
 Roy. -- Royal
 Rpt. -- Report
 Rptr. -- Reporter
 Rpts. -- Reports
 Rur. -- Rural, Ruralist
 Ry. -- Railway

 S. C. -- South Carolina
 S. Dak. -- South Dakota
 Salub. -- Salubridad
 Sanid. -- Sanidad
 Sanit. -- Sanitary, Sanitation, Sanitarian
 Sat. -- Saturday
 Saskatch. -- Saskatchewan
 Sched. -- Schedule
 Sci. (except alone) -- Science, Scientists
 Sec. -- Secretary
 Sect. -- Section
 Seedsman. -- Seedsman
 Select. -- Selection, Selected, Selective
 Ser. -- Series
 Seric. -- Sericulture
 Serv. -- Service, Serving
 Sess. -- Session
 Ship. -- Shipper
 Silvic. -- Silviculture
 Smithsn. -- Smithsonian
 So. -- South
 Soc. -- Social, Society
 South. -- Southern
 Southeast. -- Southeastern
 Southw. -- Southwest
 Sp. -- Special
 Sportsman. -- Sportsman
 St. -- State
 Sts. -- States
 Sta. -- Station
 Stas. -- Stations
 Statist. -- Statistics, Statistical
 Std. -- Standard
 Stds. -- Standards
 Sten. -- Stencil
 Stockman. -- Stockman
 Struct. -- Structure, Structural
 Succ. -- Successful
 Sum. -- Summary

Sup. -- Supplement
 Super. -- Superior
 Suppr. -- Suppression
 Supt. -- Superintendent
 Surg. -- Surgeon, Surgery, Surgical
 Surv. -- Survey
 Syph. -- Syphilis

 T. -- Technical (except in title)
 Tech. (in title) -- Technical, Technique
 Téc. -- Técnico
 Technol. -- Technologist, Technology
 Temp. -- Temperate, Temperature
 Tenn. -- Tennessee
 Tex. -- Texas
 Textb. -- Textbook
 Ther. -- Therapeutics
 Timberm. -- Timberman
 Tob. -- Tobacco
 Toxicol. -- Toxicology
 Trab. -- Trabejo
 Trans. -- Transactions
 Transplan. -- Transplantation
 Trop. -- Tropical

 U. S. -- United States
 USDA B. -- U. S. Dept. Agriculture
 Bulletin
 USDA C. -- U. S. Dept. Agriculture
 Circular
 USDA FB -- U. S. Dept. Agriculture
 Farmers Bulletin
 USDA Leaf. -- U. S. Dept. Agriculture
 Leaflet
 USDA R. Sec. f. -- U. S. Dept. Agriculture
 Report Secretary for
 USDA TB -- U. S. Dept. Agriculture
 Technical Bulletin
 USDA YB -- U. S. Dept. Agriculture
 Yearbook
 U. S. Pub. Health Serv. Rpts. -- U. S.
 Public Health Service
 Reports
 Univ. -- University
 Util. -- Utility, Utilities, Utilization

 V. -- Volume
 Va. -- Virginia
 Val. -- Valley
 Veg. -- Vegetable
 Vet. -- Veterinary, Veterinarian
 Vitic. -- Viticulture
 Vocat. -- Vocation, Vocational
 Vt. -- Vermont

 W. Va. -- West Virginia
 Wash. -- Washington
 West. -- Western
 Wis. -- Wisconsin
 Wkly. -- Weekly
 Wyo. -- Wyoming

 YB -- Yearbook

 Zool. -- Zoology, Zoological

NOTE: If title of periodical consists of one word, such as Microentomology, Phyto-
 pathology, Science, etc., it is not abbreviated.

AMERICAN ECONOMIC ENTOMOLOGY
INDEX OF LITERATURE, 1945-1947

Compiled by Ina L. Hawes

- ABAGROTIS DENTICULATA McD.
n McDunnough, Can. Ent. 78 31-32,
1946.
- ABBOTT'S SAWFLY, see NEODIPRION
PINETUM (Nort.)
- ACACIA INSECTS
i Mountford, Nat. Hist. 54:159, 1945.
- ACALYMMA Barber, A. GOULDI
n Barber, Ent. Soc. Wash. P. 49 154-
155, 1947.
- ACALYMMA TRIVITTATA (Mann.)
(WESTERN STRIPED CUCUMBER
BEETLE)*
Flock, Ariz. St. Ent. R. f. 1944 16,
1945.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:17
Parker, Ariz. St. Ent. R. f. 1946/47
26.
i Vorhies & Wehrle, Ariz. B. 203 36-
37, 1946.
- ACALYMMA VITTATA (F.) (STRIPED
CUCUMBER BEETLE)*
Bird & Mitchener, Can. Ins. Pest
Rev. 24 70, 1946.
Bird et al., Can. Ins. Pest Rev. 25
34, 1947.
Gorham, Can. Ins. Pest Rev. 24 19,
1946.
Haseman, Mo. B. 391 rev.:1-5, 1946.
Leaver, R. I. Dept. Agr. & Conserv.
R. 11:34, 1946.
Maltais, Can. Ins. Pest Rev. 24:34,
1946.
Neary, N. S. Dept. Agr. R. f. 1943/44
101, 1945.
Neary, N. S. Dept. Agr. & Mktg. R. f.
1944/45:103, 1946, f. 1945/46 92,
1947.
Pepper, Pa. Ext. C. 287:11, 1946.
Rice, Amer. Mid. Nat. 35 167, 1946.
Thompson, Can. Ins. Pest Rev. 24:39,
1946.
Wressell, Can. Ins. Pest Rev. 24:55,
1946.
- ACALYMMA VITTATA - INSECTICIDES
Allen & Chapman, Wis. B. 469:33-34,
1946.
i Chupp & Leiby, N. Y. (C.) Ext. B.
206 rev.:45-46, 1947.
Compton et al., Rocky Mountain Conf.
Ent. R. 18:12, 1947.
Drake et al., Iowa R. f. 1945/46 pt. 1.
227.
Dustan et al., Sci. Agr. 26:113, 1946.
i Krone et al., Mich. Ext. B. 4 rev.:
68, 1945.
i Lincoln, Ark. Ext. C. 438:7, 1945.
Parker & Beachler, Del. B. 264:22,25,
1947.
- ACALYMMA VITTATA - INSECTICIDES
--Continued.
Price, Ky. Ext. C. 435 4, 1947.
Schroeder & Hervey, N. Y. (G.) R. 65
44-45, 1947.
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent.
1 25,27-28,69,71,73-75,79,81, 1946.
Walton, J. Ec. Ent. 40 390-391,395,
1947.
Wilkinson, Conn. Veg. Grow. Assoc.
P. 34 25, 1946.
Wilson & Slesman, Ohio Veg. & Po-
tato Grow. Assoc. P. 32 78-79,81,83,
89-90, 1947.
- ACALYMMA VITTATA - INSECTICIDES
- DDT
Bourne & Whitcomb, Mass. B. 428 35,
1945.
Brown & Alban, Amer. Soc. Hort. Sci.
P. 49:320-324, 1947.
Bruce & Tauber, J. Ec. Ent. 38:441,
1945.
Drake & Tauber, Iowa R. f. 1944/45
pt. 1 249.
Haseman, Mo. B. 510 33, 1947.
Hervey & Schroeder, J. Ec. Ent. 39
403, 1946.
White, USDA EPQ E-692 10, 1946.
- ACALYMMA VITTATA - REPELLENTS
Brett, J. Ec. Ent. 39:810, 1946.
- ACALYMMA VITTATA & MOSAIC OF
CUCUMBER
Jensen, Hawaiian Ent. Soc. P. 12 569,
1946.
- ACANTHIA INODORUS Dugès, see HAE-
MATOSIPHON INODORUS (Dugès)
- ACANTHOCEPHALA TERMINALIS Dall.
b Metcalf, Ent. Soc. Amer. Ann. 38.
397,401-402, 1945.
Rice, Amer. Mid. Nat. 35 167, 1946.
- ACANTHOCINUS Dej. - SPRAYS - DDT
Craighead & Brown, USDA EPQ E-649.
4, 1945.
- ACANTHOCINUS NODUSUS (F.)
Knull, Ohio Biol. Surv. B. 39:258-259,
1946.
- ACANTHOCINUS OBLIQUUS (Lec.)
i Hardy, Victoria Nat. 2.90, 1945.
- ACANTHOCINUS OBSOLETUS (Oliv.)
Knull, Ohio Biol. Surv. B. 39:258, 1946.
- ACANTHOCINUS PUSILLUS Kby.
Knull, Ohio Biol. Surv. B. 39:258, 1946.
- ACANTHOLOMA Stål, not Cast., see
ACANTHOLOMIDEA Sailer
- ACANTHOLOMIDEA Sailer
Sailer, Ent. Soc. Wash. P. 47:135, 1945.
- ACANTHOLYDA ERYTHROCEPHALA
(L.) (PINE FALSE WEBWORM)*
i Boyd, N. J. Dept. Agr. C. 355:59-60,
1945.

- ACANTHOLYDA ERYTHROCEPHALA--
Continued.
Plumb, Conn. B. 488:420-421, 1945.
- ACANTHOSCELIDES DOMINICANUS
(Jekel), see MIMOSESTES DOMINICANUS (Jekel)
- ACANTHOSCELIDES FLORIDAE (Horn)
Brett, J. Agr. Res. 73:84, 1946.
- ACANTHOSCELIDES OBTECTUS (Say)
(BEAN WEEVIL)*
Chupp & Leiby, N. Y. (C.) Ext. B. 206
rev..32, 1947.
Downes, Can. Ins. Pest Rev. 24 128,
1946.
Gui, Ohio B. 659:111-113, 1945.
i Krone et al., Mich. Ext. B. 4 rev..
46-47, 1945.
Manson et al., Can. Ins. Pest Rev. 24:
102, 1946.
Pratt et al., N. Y. (C.) Ext. B. 696
rev..42, 1947.
Thompson, Can. Ins. Pest Rev. 24:39,
1946.
i Linsley & Michelbacher, Pest Control
& Sanit. 1(10):8-9, 1946.
Mimms & Zaumeyer, USDA FB 1996:
41, 1947.
- ACANTHOSCELIDES OBTECTUS - IN-
SECTICIDES
b Lathrop & Keirstead, J. Ec. Ent. 39:
534, 1946.
Lathrop & Keirstead, Maine B. 442.
219, 1946.
Mackie, Cal. B. 696:45-46, 1946.
Robbie, J. Ec. Ent. 39:401, 1946.
Trullinger et al., USDA OES R. f
1945/46:106, 1947
b Turner, Conn. B. 501:93-94, 1946.
- ACAPHYLLA STEINWEDENI Keif.
Armitage et al., Cal. Dept. Agr. B. 34:
174, 1945.
Keifer, Cal. Dept. Agr. B. 33:249,
1945.
Morrison, Cal. Dept. Agr. B. 35:138,
1946.
- ACARAPIS WOODI Rennie
i Hambleton, South. Beekeeper 1(6):10-
11, 1947.
- ACARIASIS, see MITES & ANIMAL DIS-
EASE - ACARIASIS; MITES & DIS-
EASE - ACARIASIS
- ACARICIDES, see MITES - INSECTI-
CIDES; MITES - REPELLENTS;
MITES - SPRAYS
- ACARIDAE
bik Nesbitt, Can. J. Res. Sect. D 23:
139-188, 1945.
- ACARIDAE - INSECTICIDES
b Roark, USDA EPQ E-655.36-39, 1945.
- ACARINA
i Fullaway & Krauss, Common Ins. of
Hawaii:203-208, 1945.
- ACARINA, see also MITES; TICKS
- ACARINA - INSECTICIDES
McIndoo, USDA EPQ E-713:125-136,
1947.
b Roark, USDA EPQ E-655, 63 p.;
E-656:26, 1945.
- ACARINA - INSECTICIDES - DDT
Roark & McIndoo, USDA EPQ E-687:
70-73, 1946; E-728:151-155, 1947.
- ACARINA - NORTH CAROLINA
ni Banks, Psyche 54:110-141, 1947.
- ACARISCUS ANOUS Wharton, see
TROMBICULA ANOUS (Wharton)
- ACARISCUS MASONI Ewing, see TROM-
BICULA SPLENDENS Ewing
- ACARISCUS PLUVIUS Wharton, see
TROMBICULA PLUVIUS (Wharton)
- ACAROPHOBIA, see ENTOMOPHOBIA
- ACARUS SIRO L. (GRAIN MITE)*
(CHEESE MITE)
Arnason et al., Can. Ins. Pest Rev.
24:90, 1946.
Cotton, Pest Control & Sanit. 2(12) 13,
1947.
Gray, Can. Ins. Pest Rev. 24:132, 1946.
i Thompson, Can. Dairy & Ice Cream
J. 25(5):29,62, 1946.
- ACENTROPUS NIVEUS (Oliv.) - NORTH
AMERICA
Judd, Can. Ent. 79:119, 1947.
Munroe, Can. Ent. 79:120, 1947.
Sheppard, Can. Ent. 77:55, 1945.
- ACERATAGALLIA CALIFORNICA (Baker)
& VIRUS DISEASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12 547,
1946.
- ACERATAGALLIA CINEREA (Osb. &
Ball)
Fautin, Ecol. Monog. 16 264, 1946.
- ACERATAGALLIA FUSCOSCRIPTA Oman
(ALFALFA LEAFHOPPER) - RE-
SISTANT ALFALFA
Martin, N. J. R. 67:27, 1947?
- ACERATAGALLIA SANGUINOLENTA
(Prov.) (CLOVER LEAFHOPPER)*
Drake, Iowa Dept. Agr. YB 47:149,
1947.
- ACERATAGALLIA SANGUINOLENTA &
MOZAIC OF WHEAT
Johnson, Ohio J. Sci. 45 89-90,95,
1945.
- ACERATAGALLIA SANGUINOLENTA &
YELLOW DWARF OF POTATO
Larson, Phytopathology 37:13-14,
1947. (Abs.)
- ACERATAGALLIA UHLERI (Van D.)
Hill, Neb. Res. B. 138:3-6,9-10,12-13,
1945.
- ACERIA sp.
Armitage et al., Cal. Dept. Agr. B. 34:
174, 1945.
- ACERIA BACCHARICES Keif. (BAC-
CHARIS LEAF GALL MITE)
ni Keifer, Cal. Dept. Agr. B. 34:138-
139, 1945.
- ACERIA CALILUPINI Keif.
ni Keifer, Cal. Dept. Agr. B. 35:39-40,
1946.
- ACERIA CAMELLIAE Keif. (CAMELLIA
BUD MITE)
ni Keifer, Cal. Dept. Agr. B. 34:137-
138,188-189, 1945.
Morrison, Cal. Dept. Agr. B. 35:139,
1946.
- ACERIA ERINEA (Nal.) (WALNUT BLIS-
TER MITE)*
Flock, Ariz. St. Ent. R.f.1944:18, 1945.
- ACERIA ESSIIGI (Hassan) (REDBERRY
MITE)*
Downes et al., Can. Ins. Pest Rev. 25:
98, 1947.

ACERIA ESSIGI--Continued.

- Keifer, J. Ec. Ent. 39 567, 1946.
 ACERIA FICUS (Cotte) (FIG MITE)*
 Condit, The Fig. 178, 1947.
 ACERIA MANGIFERAE (Hassan)
 i Holdaway & Nishida, Hawaii R. f. 1944/46.69, 1947.
 i Holdaway et al., Hawaii R. f. 1944/46 78, 1947.
 Nishida, Hawaiian Ent. Soc. P. 13 25-26, 1947.
 ACERIA PEUCEDANI (Can.)
 Annand, USDA EPQ R. f. 1944/45 29, 1946.
 Keifer, Cal. Dept. Agr. B. 33 252, 1945.
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No.1) 4.
 ACERIA SHELTONI (Ewing) (CITRUS BUD MITE)*
 Caryl & Johnston, Cal. Ext. C. 114 rev. 44-45, 1946.
 Jeppson, Cal. Agr. 1(8) 3, 1947.
 Jeppson, Cal. Citrog. 32.331, 1947.
 Keifer, Cal. Dept. Agr. B. 34 189, 1945.
 Keifer, J. Ec. Ent. 39:566, 1946.
 i Parker et al., Man. for Cit. Grow. ed. 3 46-48, 1947.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45 8, f. 1945/46. 15; f. 1946/47 13.
 Steinweden, Cal. Dept. Agr. B. 34 176, 1945.
 ACERIA TRISTRIATUS (Nal.)
 Flock, Ariz. St. Ent. R. f. 1944 18, 1945.
 ACERIA TULIPAE (Keif.)
 Keifer, J. Ec. Ent. 39:567, 1946.
 ACERIA VACCINII (Keif.) (BLUEBERRY BUD MITE)*
 Bailey, Mass. B. 428.59, 1945.
 b Bailey & Bourne, J. Ec. Ent. 39 89, 1946.
 i Beckwith, USDA FB 1951 rev. 36, 1946.
 Bourne & Whitcomb, Mass. B. 436. 34, 1946.
 ACEROPHAGUS FASCIIPENNIS Timb. - EGGS & LARVAE
 i Maple, Cal. Univ. Pub. Ent. 8 54, 109, 1947.
 ACEROPHAGUS NOTATIVENTRIS (Gir.) - EGGS & LARVAE
 Maple, Cal. Univ. Pub. Ent. 8 54, 1947.
 ACEROPHAGUS PALLIDUS Timb.
 Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1943/44:55, 1945.
 ACEROPHAGUS PALLIDUS - EGGS & LARVAE
 i Maple, Cal. Univ. Pub. Ent. 8:54, 109, 1947.
 ACHAEA JANATA (L.)
 Bianchi, Hawaiian Ent. Soc. P. 12. 478, 1946; 13:1,17, 1947.
 Fullaway, Hawaiian Ent. Soc. P. 12. 474, 1946.
 Sakimura, Hawaiian Ent. Soc. P. 12: 463-464, 1946.
 Swezey, Hawaiian Ent. Soc. P. 12: 464, 1946; 13:4, 1947.

ACHAEA JANATA--Continued.

- Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12 477, 1946.
 i Van Zwaluwenburg, Hawaiian Planters' Rec. 50 13-14, 1946.
 Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45 17, 1946.
 ACHAEA JANATA - FOOD & HOST PLANTS
 Pemberton, Hawaiian Ent. Soc. P. 12 467, 1946.
 Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12 489, 1946.
 ACHAEA JANATA - PARASITES
 Bianchi, Hawaiian Ent. Soc. P. 12 469, 1946.
 Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12 466, 1946.
 ACHAETONEURA ARCHIPPVORA (Will.)
 Swezey, Hawaiian Ent. Soc. P. 13 5, 1947.
 Van Zwaluwenburg, Hawaiian Planters' Rec. 50 13. 1946.
 ACHATINA FULICA (Bowd.), see SNAILS - ACHATINA FULICA (Bowd.)
 ACHATODES ZEAE (Harr.) (ELDER SHOOT BORER)*
 Judkins, Ohio Bimo. B. 30 188, 1945.
 *ACHEMON SPHINX, see PHOLUS ACHEMON (Drury)
 ACHERONTIA ATROPOS L.
 i Brugger, Gleanings Bee Cult. 74 602-603, 651, 1946.
 ACHETA ASSIMILIS F. (FIELD CRICKET)*
 Arnason et al., Can. Ins. Pest Rev. 24 86, 1946, 25 3, 1947.
 Bird & Mitchener, Can. Ins. Pest Rev. 24 68, 1946.
 Dean et al., Kans. Ent. Soc. J. 18 92, 1945.
 Fautin, Ecol. Monog. 16 265, 1946.
 Flock, Ariz. St. Ent. R. f. 1944 14, 1945.
 Gauthier, Can. Ins. Pest Rev. 24.31, 1946.
 Mills et al., Mont. B. 442 11-12, 1947.
 Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:1-3, 1947.
 Osorio, B. Inform. Agr. Gobierno Prov. Las Villas 17(130) 8, 1945.
 ACHETA ASSIMILIS - HOUSEHOLD PEST
 USDA EPQ E-331 rev., 3 p., 1945.
 ACHETA ASSIMILIS - INSECTICIDES - DDT
 Parker, USDA EPQ E-653.4, 1945.
 Romney et al., USDA EPQ E-672.11-12, 1945.
 ACHETA ASSIMILIS - PAPAYA
 Osorio, Control de Plagas 8 [i.e. 7] 70, 72, 1945.
 ACHETA ASSIMILIS - PREDATORS
 James, Quebec Soc. Protect. Plants R. 30:110, 1947.
 ACHETA ASSIMILIS - PREY
 James, Ent. Soc. Ont. R. 75:36, 1945.

- ACHETA DOMESTICA L. (HOUSE CRICKET)*
 Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213 1-3, 1947.
 Thompson, Can. Ins. Pest Rev. 24:44, 1946.
 USDA EPQ E-331 rev., 3 p., 1945.
- ACHILIXIDAE
 Metcalf, in Horváth et al., Gen. Cat. Hemiptera Fasc. IV, Pt. 5, p. 213-217, 1945.
- ACHORUTES ARMATUS (Nic.) - SWARMING
 Wray, J. Ec. Ent. 38:500, 1945.
- ACHORUTES VIATICUS Tulib.
 b Hirsch, Water & Sewage Works 93: 249, 1946.
- ACHORUTIDAE - MEXICO
 nik Bonet, Soc. Mex. Hist. Nat. Rev. 6:13-46, 1945, 7 51-62, 1946.
- ACHROIA GRISELLA (F.) (LESSER WAX MOTH)*
 Milum, Amer. Bee J. 87 338, 1947.
- ACHRYSOCHARELLA RUFORUM (Krausse)
 Briand, Quebec Soc. Protect. Plants R. 30 56, 1947.
- ACHRYSOCHARIS FULLAWAYI (Cwfd.)
 Van Zwaluwenburg, Hawaiian Ent. Soc. P. 13 30, 1947.
- ACHRYSOPOPHAGUS MODESTUS
 Timb - EGGS & LARVAE
 Maple, Cal. Univ. Pub. Ent. 8:55, 1947.
- ACHYLODES THRASO (Hbn.)
 i Martorell, P. R. Univ. J. Agr. 29: 490-491, 1946.
- ACINOPTERUS sp. & CELERY YELLOWS
 Lauderdale, Ariz. St. Ent. R. f. 1945/46.16.
- ACINOPTERUS ANGULATUS Laws.
 bi DeLong & Severin, Hilgardia 17: 213-215, 1947.
- ACINOPTERUS ANGULATUS - FEEDING - EFFECT ON PLANTS
 i Severin, Hilgardia 17: 221, 225, 1947.
- ACINOPTERUS ANGULATUS & CALIFORNIA ASTER YELLOWS
 bi Severin, Hilgardia 17: 197-209, 1947.
 Severin & Frazier, Hilgardia 16: 575, 585, 1945.
- ACINOPTERUS ANGULATUS & CURLY TOP BEETS
 Severin, Hilgardia 17: 197, 204-205, 1947.
- ACINOPTERUS ANGULATUS & PIERCE'S DISEASE OF GRAPE-VINES
 Severin, Hilgardia 17: 197, 204-205, 1947.
- ACINOPTERUS PARALLELUS Beam. & CALIFORNIA ASTER YELLOWS
 Severin, Hilgardia 17: 204-205, 1947.
- ACLERDA ARUNDINARIAE McCon.
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2): 4.
- ACLERDA SACCHARI Teague
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Cana de Azúcar (Havana), Caña de Azúcar en Cuba: 547, 1946.
- ACLERDA TOKIONIS (Ckll.)
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2): 4.
- ACLERIS ROSTRATA (Rob.-Desv.) & MYIASIS
 i James, USDA Misc. Pub. 631: 131-132, 1947.
- ACLERIS VARIANA (Fern.) (BLACK-HEADED BUDWORM)*
 Atwood, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. 8:31, 1945.
 Bradley, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1945: 38, 1946.
 Davlault, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 22, 1947.
 DeGryse, For. Ent. in Can. 4, 1947.
 Gardiner, Can. Min. Agr. R. f. 1945/46: 76.
 Leech, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944 64, 1945, f. 1945 63, 1946; f. 1946: 83, 1947.
 Lejeune, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1945 47, 1946.
 Lejeune, Can. Ins. Pest Rev. 24 78, 1946.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946 56-57, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 69, 1947.
 i Prebble & Graham, B. C. Lumberm. 29(2): 26-27, (3): 38-39, 88, 90, 92, 1945.
 Reeks, Can. Ins. Pest Rev. 24 26, 1946.
 Reeks et al., Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944 9, 1945, f. 1945: 12, 1946, f. 1946 12, 1947.
 Richmond, B. C. Lumberm. 31(4): 84, 1947.
 Richmond, Can. Ins. Pest Rev. 24: 123, 1946.
 Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944: 45, 1945.
 Richmond et al., Can. Ins. Pest Rev. 25: 54, 1947.
- ACMAEODERA PULCHELLA (Hbst.)
 Fautin, Ecol. Monog. 16: 264, 1946.
- ACMAEOPS BIVITTATUS (Say), A. DIRECTUS (Newm.), A. DISCOIDEUS (Hald.), A. PRATENSIS (Lalch.), A. PROTEUS (Kby.), A. THORACICUS (Hald.)
 Knull, Ohio Biol. Surv. B. 39: 180-181, 1946.
- ACOLASTUS AMYNTAS (F.)
 Martorell, P. R. Univ. J. Agr. 29: 488, 491, 1946.
- ACRAPEX EXANIMIS (Meyr.)
 Swezey, Hawaiian Ent. Soc. P. 12: 482-483, 1946.
- ACRIDIDAE - ALBERTA
 bi White & Rock, Sci. Agr. 25: 577-596, 1945.
- ACRIDIDAE - CYTOLOGY
 b Sze, J. Morph. 79: 113-121, 1946.
- ACRIDOMYIA CANADENSIS Snyder
 Smith, Quebec Soc. Protect. Plants R. 29: 115, 1945?

- ACROBASIS CARYAE Grote (PECAN NUT CASEBEARER)*
 Musser et al., S. C. Ext. C. 301 25, 1947.
 i Phillips & Cole, Fla. B. 411 rev. 5-8, 1947.
 Talbert, Gen. Hort. 193, 1946.
 USDA Tree Nuts Advisory Com., Rpt & Recom. under Res. & Mktg. Act of 1946 3-4, 1947.
- ACROBASIS CARYAE - INSECTICIDES
 Annand, USDA EPQ R. f. 1945/46 3, 1947, f. 1946/47 12.
 Bissell & Firor, Ga. Ext. B. 501 rev. 18, 1947.
 Hinrichs & Biebertorf, Okla. Pecan Grow. Assoc. P. f. 1945.60-66, f. 1946 21-25, f. 1947 23-27.
 Martin & Bilsing, Tex. Pecan Grow. Assoc. P. 26 45-47, 1947.
 Nickels, J. Ec. Ent. 39 272-273, 1946.
 Nickels, Tex. Pecan Grow. Assoc. P. 25 21-22, 1946.
 Nickels & Pierce, J. Ec. Ent. 39 794, 1946.
 Nickels & Pierce, Tex. Pecan Grow. Assoc. P. 26 43-44, 1947.
 Phillips, Fla. R. f. 1944/45 63, f. 1945/46 61, f. 1946/47 66-67.
 Pierce, J. Ec. Ent. 39 76-78, 1946.
- ACROBASIS CARYAE - INSECTICIDES - DDT
 Nickels & Pierce, J. Ec. Ent. 38 607, 1945.
- ACROBASIS CARYIVORELLA Rag. (PECAN NURSERY CASEBEARER)
 Phillips & Cole, Fla. B. 411 rev. 24-25, 1947.
- ACROBASIS JUGLANDIS (LeB.) (PECAN LEAF CASEBEARER)*
 Bissell & Firor, Ga. Ext. B. 501 rev. 20, 1947.
 Phillips, Fla. R. f. 1944/45 63, f. 1945/46 61, f. 1946/47 66-67.
 i Phillips & Cole, Fla. B. 411 rev. 8-11, 1947.
- ACROBAT ANTS, see CREMATOGASTER Lund
- ACROCERA STEYSKALI (Sabr.)
 Chagnon, Quebec Soc. Protect. Plants R. 30-128, 1947.
- ACROLEPIA ASSECTELLA (Zell.)
 Fullaway, Hawaii Bd. Commrs. Agr. & For. Bien. R. f. 1943/44 55, 1945.
- ACROLEPIA ASSECTELLA - PARASITES
 Tanada, Hawaiian Ent. Soc. P. 12 277, 1946.
- ACROLOPHUS FERVIDUS Busck
 Swezey, Hawaiian Ent. Soc. P. 12-366, 1945.
- ACROLYTA ALETIAE Ashm., see ISDROMAS LYCAENAE (How.)
- ACROMYRMEX CORONATUS (F.) - HABITS & BEHAVIOR
 Wolcott, Ent. News 57:95-97, 1946.
- ACRONICTA AMERICANA (Harr.) (AMERICAN DAGGER MOTH)*
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:56, 1945, f. 1945:58, 1946.
 Peterson, Can. Ins. Pest Rev. 24:111, 1946; 25:69, 1947.
- ACRONICTA AMERICANA--Continued.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 73, 1947.
- ACRONICTA FRAGILIS (Guen.)
 Frost, J. Ec. Ent. 39:418, 1946.
- ACRONICTA GRISEA - PARASITES
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 14, 1946.
- ACRONICTA INTERRUPTA ELIZABETA Smith
 Frost, J. Ec. Ent. 39.418, 1946.
- ACRONICTA OBLINITA (Abbott & Smith) (SMEARED DAGGER MOTH)* - PARASITES
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 14, 1946.
- ACRONICTA RADCLIFFEI (Harvey)
 Frost, J. Ec. Ent. 39 418, 1946.
- ACROSTERNUM HILARE (Say) (GREEN STINKBUG)* (GREEN SOLDIER BUG)
 i Ross & Putnam, Can. Dept. Agr. Div. Ent. Processed Pub. 43 2-3, 1946.
 Smith, Cal. Ext. C. 98 rev. 48, 1946.
 i Ohio B. 655 55-56, 1945, 670 55-56, 1947.
- ACROSTERNUM HILARE - EGGS
 i Esselbaugh, Ent. Soc. Amer. Ann. 39 682-684, 1946.
- ACROSTERNUM HILARE - INSECTICIDES
 Frazier, J. Ec. Ent. 38 720, 1945.
 Frazier, Cal. C. 365 93, 1946.
 King, Ga. Coastal Plain B. 44 42, 1947.
- ACROSTERNUM HILARE & PEACH DEFORMITIES
 i Woodside, J. Ec. Ent. 39 159-161, 1946.
 i Woodside, Va. B. 389.8-9, 14-15, 1946.
- ACRYDIUM (of auth., not Geoffr.), see TETRIX Latr.
- ACTEBIA FENNICA (Tausch.) (BLACK ARMY CUTWORM)*
 Conklin, N. H. B. 363.42, 1945.
 Gauthier, Can. Ins. Pest Rev. 24 31, 1946.
 Gauthier & Maxwell, Can. Ins. Pest Rev. 25 6, 1947.
 Gorham, Can. Ins. Pest Rev. 24.19, 1946.
 i Hawkins, Maine B. 438.653-654, 1945, 449.423-425, 1947.
 Lathrop & Wyman, Maine Ext. C. 213 1-6, 1945.
 Maxwell, Can. Ins. Pest Rev. 24.23-24, 1946.
 Oldroyd, Alaska R. 10:53, 1947.
- ACTEBIA FENNICA - BLUEBERRIES
 Hawkins, Maine B. 442.280, 1946.
 Turney, N. B. Dept. Agr. R. f. 1944/45:65-66; f. 1945/46:69, f. 1946/47:72.
- ACTEBIA FENNICA - INSECTICIDES
 Lathrop et al., Maine Ext. C. 223: 6 p., 1946.
- ACTEBIA FENNICA - OUTBREAKS
 Gauthier, Quebec Min. Agr. R. f. 1944/45:60.

- ACTIA INTERRUPTA** Curr.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:12, 1947.
- ACTIAS LUNA (L.) (LUNA MOTH)***
i Dillon & Dillon, Mengel Nat. Hist.
Soc. Leaf. 2.3, 1945.
- ACTIOPLAGIA** sp.
Annand, USDA EPQ R. f. 1943/44 24,
1945.
- ACUMINATE SCALE**, see **COCCUS**
ACUMINATUS (Sign.)
- ACUNASUS** DeLong
ni DeLong, Ent. Soc. Amer. Ann. 38.
199-206, 1945.
- ACUTALIS NIGRINERVIS** Fowler
Myers, USDA EPQ Ins. Pest Surv.
Sp. Sup. (1947, No. 1) 4.
- ACUTASPIS SUBNIGRA** McK., A.
TINGI McK.
ni McKenzie, Cal. Dept. Agr. B. 36.
33-36, 1947.
- ACYSTA PERSEAE** Heid., see **PSEU-**
DACYSTA PERSEAE (Heid.)
- ADALIA** Muls.
Omer-Cooper & Glaholm, Cit. Leaves
26(5).29, 1946.
- ADALIA BIPUNCTATA (L.) (TWO-**
SPOTTED LADY BEETLE)*
Bird & Mitchener, Can. Ins. Pest
Rev. 24 73, 1946.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
Pearsall & Wallace, Soap & Sanit.
Chem. 22(10).163, 1946.
Pletsch, Mont. B. 446:79, 1947.
- ADELGES ABIETIS (L.)**, see **CHERMES**
ABIETIS L.
- ADELGES COOLEYI** (Gill.), see
CHERMES COOLEYI Gill.
- ADELGES PICEAE** (Ratz.), see
CHERMES PICEAE Ratz.
- ADELGES PINICORTICIS** (Fitch), see
PINEUS STROBI (Htg.)
- ADELGES STROBILIOBIUS** (Kalt.), see
CHERMES STROBILIOBIUS Kalt.
- ADELOCERA DISCOIDEA** Weber, see
LACON DISCOIDEA (Weber)
- ADELOCERA MARMORATA (F.)**, see
LACON MARMORATA (F.)
- ADELPHOCORIS** Reut.
Arnason, Can. Ins. Pest Rev. 25:18,
1947.
- ADELPHOCORIS LINEOLATUS** (Goeze)
(ALFALFA PLANT BUG)*
Bird & Mitchener, Can. Ins. Pest
Rev. 24:67, 1946; 25:18, 1947.
Dean et al., Kans. Ent. Soc. J. 18:90,
1945.
Drake, Iowa Dept. Agr. YB 47:137-
138, 1947.
Jardine et al., USDA OES R. f.
1943/44:47, 1945.
Medler & Scholl, J. Ec. Ent. 40:580-
581, 1947.
- ADELPHOCORIS RAPIDUS** (Say)
(RAPID PLANT BUG)*
Annand, USDA EPQ R. f. 1945/46:6;
f. 1946/47:13.
Arnason et al., Can. Ins. Pest Rev.
24:85, 1946.
Brett et al., Okla. TB-24:16, 1946.
- ADELPHOCORIS RAPIDUS**--Continued.
Drake, Iowa Dept. Agr. YB 47:138,
1947.
Medler & Scholl, J. Ec. Ent. 40 580-
581, 1947.
Underhill & Bodenstein, Va. TB 97
11, 1946.
USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R.:12, 1947.
- ADELPHOCORIS SUPERBUS** (Uhl.)
(SUPERB PLANT BUG)
Manson, Can. Ins. Pest Rev. 25 12,
1947.
Manson et al., Can. Ins. Pest Rev. 24
94, 1946.
b Sorenson, Mirid-bug Injury as a
Factor in Declining Alfalfa-seed
Yields 22-26, 1946.
- ADICHOSIOPS QUADRIMACULATA**
(Swed.) & MYIASIS
James, USDA Misc. Pub. 631 89, 1947.
- ADOPAEOIDES SIMPLEX** (Feld.) -
TEXAS
Stallings & Turner, Ent. News 58 41,
1947.
- ADORETUS SINICUS** Burm. (CHINESE
ROSE BEETLE)
Holdaway, Hawaiian Ent. Soc. P. 12
303, 1945.
Holdaway & Nishida, Hawaii R. f.
1944/46 59, 1947.
Holdaway & Nishida, Hawaiian Acad.
Sci. P. 21 7-8, 1946. (Abs.)
Holdaway et al., Hawaii R. f. 1942/44
70-74, 1945. f. 1944/46 79, 1947.
- ADORETUS SINICUS** - DISEASES -
MILKY DISEASE
Carter, Hawaiian Acad. Sci. P. 16 8,
1945. (Abs.)
- ADOXOPHYES NEGUNDANA** McD.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:55, 1945.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:69, 1947.
- ADOXOPHYES PERSICANA** (Fitch)
(WHITE-TRIANGLE LEAF ROLL-
ER)
Judd, Can. Field Nat. 60 136, 1946.
Patterson & Neary, Can. Ins. Pest
Rev. 24:14, 1946. 25:90, 1947.
- ADRAENOTHRIPS DECORUS** Hood
Watson, Fla. Ent. 28:34, 1945.
- AEDES** Meig. - BREEDING PLACES
U. S. Army Med. Dept. B. 4.535-538,
1945.
- AEDES** - COLOR REACTIONS
bi Gjullin, J. Ec. Ent. 40:326-327,
1947.
- AEDES** - CROSS FERTILIZATION
Trembley, J. Ec. Ent. 40:247, 1947.
- AEDES** - EGGS - VIABILITY
Yates, Mosq. News 5:98-99, 1945.
- AEDES** - FEMALES - AMERICA NORTH
OF MEXICO
blk Gjullin, Ent. Soc. Wash. P. 48:
215-236, 1946.
- AEDES** - INSECTICIDES
Roth et al., Mosq. News 7:154-156,
1947.

- AEDES - INSECTICIDES - DDT**
Eide et al., J. Ec. Ent. 38 537-541, 1945.
- AEDES - POPULATIONS - BREEDING INDEX**
Bonnet, Hawaii Health Messenger 6(8). 1, 1947.
- AEDES & DENGUE**
Florio et al., J. Expt. Med. 83 295, 1946.
Morgan, U. S. Army Med. Dept. Bul. 4 300-301, 1945.
Pittaluga, Rev. Med. Trop. y Parasit. (Havana) 11.1-3, 1945.
- AEDES & ENCEPHALOMYELITIS, EQUINE**
Rempel et al., Can. J. Res. Sect. E. 24 71-76, 1946.
- AEDES & MALARIA, AVIAN**
Cantrell & Jordan, J. Parasit. 31 55-56, 1945.
- AEDES vs. HAEMAGOGUS**
b Hovanitz, Physiol. Zool. 19 35-53, 1946.
- AEDES (ALBOLINEATUS GROUP)**
ik Knight & Rozeboom, Biol. Soc. Wash. P. 59 83-98, 1946.
- AEDES (CHRYSOLINEATUS GROUP)**
bnik Knight, Ent. Soc. Amer. Ann. 40 624-649, 1947.
- *AEDES AEGYPTI (L.) (YELLOW-FEVER MOSQUITO)***
Bonnet, Hawaiian Acad. Sci. P. 19 5-6, 1945. (Abs.)
b Morlan, Tex. Acad. Sci. P. & Trans. 28 112-113, 1945. (Abs.)
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 58, 74 [i.e. 75] f. 1945/46 338.
Perry, Pan-Pac. Ent. 22:17, 1946.
i Ross, Ill. Nat. Hist. Surv. B. 24:2,4, 8-9,24,56,58,60,67-68, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:249, 1946.
Wilbar, Hawaii Bd. Health R. f.1946/47 88.
- AEDES AEGYPTI - AEROSOLS**
b McGovran et al., J. Ec. Ent. 39 216-219, 1946.
- AEDES AEGYPTI - AEROSOLS - DDT**
Brescia, J. Ec. Ent. 40:441, 1947.
LaMer et al., J. Colloid Sci. 2:539-549, 1947.
i Latta et al., Wash. Acad. Sci. J. 37. 397-407, 1947.
- AEDES AEGYPTI - ARIZONA**
Bequaert, Bklyn. Ent. Soc. B. 41:157, 1946.
- AEDES AEGYPTI - BREEDING PLACES**
Berner, Ent. Soc. Amer. Ann. 40 528-529, 1947.
b Bonnet, Hawaiian Ent. Soc. P. 13: 43-49, 1947.
b Morlan, Tex. Acad. Sci. P. & Trans. 28:114-117, 1945. (Abs.)
- AEDES AEGYPTI - CORPORA ALLATA**
bi Bodenstein, Conn. B. 488.400-405, 1945.
- AEDES AEGYPTI - DEVELOPMENT, ORGANIC**
bi Bodenstein, Conn. B. 501:100-114, 1946.
- AEDES AEGYPTI - EGGS - FOOD OF MITES**
Annand, USDA EPQ R. f. 1946/47 36
Jenkins, Ent. Soc. Amer. Ann. 40 64-65, 1947.
Wharton & Carver, Science 104:77, 1946.
- AEDES AEGYPTI - ERADICATION**
Froes, Pan Amer. B. Ofic. Sanit. 26 848-851, 1947. (Spanish text, p. 842-847).
Lyle, J. Ec. Ent. 40 4, 1947.
Soper, Ofic. Sanit. Pan Amer. B. 26 898-899, 1947. (Spanish text, p. 899-901).
- AEDES AEGYPTI - FEEDING HABITS - PRECIPITIN TEST**
bi Riddell et al., Can. J. Res. Sect. E 25 210-215, 1947.
- AEDES AEGYPTI - FLORIDA KEYS**
Pritchard et al., Fla. Ent. 30 12, 1947.
- AEDES AEGYPTI - INSECTICIDES**
Annand, USDA EPQ R. f. 1946/47 18-19.
Brett & Hodnett, J. Ec. Ent. 40 593, 1947.
Bushland, Mosq. News 7 14-17, 1947.
Deonier et al., USDA EPQ E-733 8-9, 20-235, 1947.
Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34 132-133, 135, 1947.
Hatchett, U. S. Pub. Health Rpts. 61 683-685, 1946.
Knippling, Iowa St. Col. J. Sci. 22 47-49, 1947.
McGovran et al., USDA EPQ E-736:3-4, 1947.
- AEDES AEGYPTI - INSECTICIDES - DDT**
Elmendorf, Amer. J. Trop. Med. 26 678-782, 1946.
Fan & Hodson, Sci. News Let. 49 318-319, 1946.
b Gahan et al., J. Ec. Ent. 38 236-240, 1945.
b Ginsburg, J. Ec. Ent. 40:275-276, 1947.
Holdsworth et al., Mosq. News 5 144-145, 1945.
Incho & Deonier, Mosq. News 7.67-70, 1947.
Metcalf et al., Cal. Mosq. Control Assoc. P. 15 28-34, 1947.
Stage, Cal. Mosq. Control Assoc. P. 14 9-10, 1946.
Upholt et al., U. S. Pub. Health Rpts. Sup. 186.90-96, 1945.
Upholt, U. S. Pub. Health Rpts. 62 302, 306, 1947.
U. S. Army Med. Dept. Bul. 4.633-634, 1945.
- AEDES AEGYPTI - LARVAE - PENE-TRATION OF FAT SOLVENTS**
b Richards & Weygandt, N. Y. Ent. Soc. J. 53.153-165, 1945.
- AEDES AEGYPTI - MISSISSIPPI**
Michener, Amer. Mid. Nat. 37:351, 1947.
Peterson & Smith, J. Ec. Ent. 38:378, 1945.
- AEDES AEGYPTI - OLFACTORY RE-SPONSE**
b Willis, J. Ec. Ent. 40:769-778, 1947.

AEDES AEGYPTI - OVIPOSITION

Upholt et al., U. S. Pub. Health Rpts. Sup. 186.94, 1945.

AEDES AEGYPTI - REARING

Brett, J. Agr. Res. 73:87, 1946.
bi Johnson, Natl. Malar. Soc. J. 6:173-179, 1947.

AEDES AEGYPTI - REPELLENTS

Anand, USDA EPQ R. f. 1945/46.14.
Brett, J. Ec. Ent. 39:810, 1946.
Dove, Soap & Sanit. Chem. 21(1):121, 121B, 1945.

Granett & Haynes, N. J. Mosq. Exterm. Assoc. P. 32:84-86, 1945.

b Haller, Indus. & Engin. Chem. Indus. Ed. 39 472-473, 1947.

Jones et al., Soap & Sanit. Chem. 22 (10):151,153, 1946.

Linduska & Morton, J. Ec. Ent. 40 562, 1947.

i Morton et al., USDA EPQ E-733 10-11,18-235, 1947.

b Pijoan et al., U. S. Nav. Med. Bul. 46:1506-1522, 1946.

Travis & Morton, N. J. Mosq. Exterm. Assoc. P. 33:65-66, 1946.

Travis et al., J. Ec. Ent. 39:628-630, 1946.

AEDES AEGYPTI - SALIVARY GLANDS - DISSECTION

Josephson et al., Science 105:650-651, 1947.

AEDES AEGYPTI - SCREENS

i Block, Amer. J. Pub. Health 36:1280-1286, 1946.

Block, Science 104:447, 1946.

AEDES AEGYPTI - SOMIFICATION

Kahn et al., Science 101:335-336, 1945.

AEDES AEGYPTI - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:214-215, 1947.

AEDES AEGYPTI - VITAMIN B CONTENT

Kozloff & Pijoan, U. S. Navy BUMED News Let. 8(12).14-16, 1946. (Abs.)

AEDES AEGYPTI & DENGUE

Faust, Miss. Doctor 22:309-310, 1945.
b Gilbertson, Amer. J. Pub. Health 35 261-270, 1945.

Madden, Fla. Ent. 28:5, 1945.

Sabin & Schlesinger, Science 101:640-642, 1945.

U. S. Army Med. Dept. Bul. 4:535-538, 1945.

AEDES AEGYPTI & DISEASE

McCoy, N. J. Mosq. Exterm. Assoc. P. 32:238, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:95.

AEDES AEGYPTI & ENCEPHALITIS

Hammon & Reeves, Amer. J. Pub. Health 35:1000, 1945.

AEDES AEGYPTI & ENCEPHALOMYELITIS, EQUINE

Hammon & Reeves, Amer. J. Pub. Health 35:997, 1945.

Shope, Pa. Univ. B. 48(3) (School Vet. Med. Vet. Ext. Quart. 108):7-8, 1947.

AEDES AEGYPTI & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27:214-217,219, 1947.

Hunter & Harkema, Helminth. Soc. Wash. P. 13:46-48, 1946.

AEDES AEGYPTI & FILARIASIS--Continued.

b Newton et al., Amer. J. Trop. Med. 25:253,255,257,259-261, 1945.

Zimmerman, Hawaiian Acad. Sci. P. 19:5, 1945. (Abs.)

AEDES AEGYPTI & MALARIA

Elmendorf et al., Amer. J. Trop. Med. 27:140-142, 1947.

b Hovanitz, Amer. J. Hyg. 45:67-81, 1947.

AEDES AEGYPTI & MALARIA - DRUG SCREENING

Terzian, Science 106 449-450, 1947.

AEDES AEGYPTI & MALARIA, AVIAN

Manwell, J. Parasit. 33:167-169, 1947.

Trembley, Ent. Soc. Wash. P. 48 132-133, 1946. (Abs.)

b Trembley, J. Parasit. 32:499-501, 1946.

Trembley, N. J. Mosq. Exterm. Assoc. P. 34:34-35, 1947.

AEDES AEGYPTI & TEMPERATURE

b Hatchett, U. S. Pub. Health Rpts. 61 1234-1244, 1946.

AEDES AEGYPTI & YELLOW FEVER

Bates, Sci. Month. 63 43-45, 1946.

Burnet, Virus as Organism 94-101, 1945.

Faust, Miss. Doctor 22 309-310, 1945.

Fernández, Ofic. Sanit. Pan Amer.

Union B. 25:516-518, 1946.

Hargett, Rev. Med. Trop. y Parasit. (Havana) 11:25-32, 1945.

Laemmert et al., Amer. J. Trop. Med. 26(6 sup.):60-61,64, 1946.

Madden, Fla. Ent. 28:3-5, 1945.

Paula Souza, UNRRA Health Div. Epidemiol. Inform. B. 1:693-701, 1945.

b Pérez Montes, Rev. Med. Trop. y Parasitol., Havana 11:7-18, 1945.

Sawyer, Amer. J. Trop. Med. 25 2-3, 1945.

Smithburn, Ind. Univ. Med. Cent. Quart. B. 8:52,54-58, 1946.

b Smithburn & Haddow, Amer. J. Trop. Med. 26:261-262,267,269, 1946.

Taylor & Cunha, Amer. J. Trop. Med. 26(6 sup.):1-5,20, 1946.

Torres Muñoz, Ofic. Sanit. Pan Amer. Union B. 25:513-515, 1946.

Upholt et al., U. S. Pub. Health Rpts. Sup. 186.90-96, 1945.

Waddell, Amer. J. Trop. Med. 25:329-332, 1945.

b Waddell & Taylor, Amer. J. Trop. Med. 25:225-230, 1945; 26:455-463, 1946.

AEDES ALBOPICTUS (Skuse)

Bonnet, Hawaiian Acad. Sci. P. 19:5-6, 1945. (Abs.)

b Bonnet, Hawaiian Ent. Soc. P. 13:43-49, 1947.

Wilbar, Hawaii Bd. Health R. f. 1946/47: 88.

AEDES ALBOPICTUS - FLIGHT RANGE

b Bonnet & Worcester, Amer. J. Trop. Med. 26:465-476, 1946.

AEDES ALBOPICTUS - LARVAE - PILO-TAXY

bi Williams, Ent. Soc. Amer. Ann. 38: 441-446, 1945.

- AEDES ALBOPICTUS - REPELLENTS**
Brett, J. Ec. Ent. 39 810, 1946.
- AEDES ALBOPICTUS - SONIFICATION**
Kahn et al., Science 101.335-336, 1945.
- AEDES ALBOPICTUS & DENGUE**
b Gilbertson, Amer. J. Pub. Health 35 261-270, 1945.
U. S. Army Med. Dept. Bul. 4 535, 1945.
- AEDES ALBOPICTUS & ENCEPHALITIS**
Hammon & Reeves, Amer. J. Pub. Health 35 995, 1000, 1945.
b Reeves & Hammon, J. Expt. Med. 83 185-194, 1946.
- AEDES ALBOPICTUS & FILARIASIS**
Hunter & Harkema, Helminth. Soc. Wash. P. 13 46-49, 1946.
- AEDES ALBOPICTUS & MALARIA**
Hovanitz, Amer. J. Hyg. 45 76-77, 1947.
- AEDES ALDRICHI Dyar & Knab, see AEDES LATERALIS (Meig.)**
- AEDES ALLENI Turn., see AEDES ZOOSOPHUS Dyar & Knab**
- AEDES AMESII (Ludl.) - LARVA & MALE**
i Hoogstraal & Chamberlain, Ent. Soc. Wash. P. 48 125-131 1946
- AEDES ANGUSTIVITTATUS Dyar & Knab - REPELLENTS**
Pijoan et al., U. S. Nav. Med. Pul 46 1519, 1946.
- AEDES ARBORICOLUS Kngt. & Rzbm.**
ni Knight & Rozeboom, Biol. Soc. Wash. P. 56 88-90, 1946.
- AEDES ATLANTICUS Dyar & Knab**
Michener, Amer. Mid. Nat. 37 344-345, 1947.
Peterson & Smith, J. Ec. Ent. 38 378, 1945.
Pritchard et al., Fla. Ent. 30.10, 1947.
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22.215, 1947.
- AEDES ATLANTICUS & FILARIASIS**
Eyles & Most, Amer. J. Trop. Med. 27 214-216.219, 1947.
- AEDES ATROPALPUS (Coq.)**
Shlaifer & Harding, Tenn. Acad. Sci. J. 21 249, 1946.
Trembley, J. Ec. Ent. 38 408-409, 1945; 40 244-250, 1947.
Wilson et al., Mosq. News 6 79, 1946.
- AEDES ATROPALPUS & FILARIASIS**
Eyles & Most, Amer. J. Trop. Med. 27. 214-216.219, 1947.
- AEDES ATROPALPUS & MALARIA, AVIAN**
b Trembley, J. Parasit. 32:499-501, 1946.
- AEDES AURIFER (Coq.)**
i Ross, Ill. Nat. Hist. Surv. B. 24.9, 58, 61, 76-77, 1947.
- AEDES AURIMARGO Edwards - LARVAE**
i Penn, Ent. Soc. Wash. P. 49:103-105, 1947.
- AEDES BAMBUSICOLUS 94, A. BOHARTI 90-92**
ni Knight & Rozeboom, Biol. Soc. Wash. P. 59: 1946.
- AEDES CAMPESTRIS Dyar & Knab**
Harmston & Rees, Pan-Pac. Ent. 22: 149, 1946.
Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16:6, 1945, 18.5, 1947.
- AEDES CANADENSIS (Theob.)**
Harmston & Rees, Pan-Pac. Ent. 22. 149, 1946.
Michener, Amer. Mid. Nat. 37.345-346, 1947.
Peterson & Smith, J. Ec. Ent. 38:378, 1945.
i Ross, Ill. Nat. Hist. Surv. B. 24.6-8, 20, 54, 60, 67, 78, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21 249, 1946.
Wilson et al., Mosq. News 6:79, 1946.
- AEDES CANADENSIS - LARVAL ASSOCIATES**
Schmitt, N. J. Mosq. Exterm. Assoc. P. 32 208, 1945.
- AEDES CANADENSIS - SOUTH CAROLINA**
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22.215-216, 1947.
- AEDES CANADENSIS & FILARIASIS**
Newton & Pratt, Amer. J. Trop. Med. 26 700-702, 704-706, 1946.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f 1944/45 56.
- AEDES CANTATOR (Coq.) (BROWN SALT-MARSH MOSQUITO)**
Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34 134-135, 1947.
Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34 92, 1947.
Wilson, Mosq. News 6:79, 1946.
- AEDES CATAPHYLLA Dyar**
Harmston & Rees, Pan-Pac. Ent. 22: 149, 1946.
- AEDES CINEREUS Meig.**
Harmston & Rees, Pan-Pac. Ent. 22 150, 1946.
Michener, Amer. Mid. Nat. 37 351, 353, 1947.
Peterson & Smith, J. Ec. Ent. 38 378, 1945.
i Ross, Ill. Nat. Hist. Surv. B. 24.8-9, 53.60, 67, 70-71, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21.249, 1946.
Wilson et al., Mosq. News 6:79, 1946.
- AEDES CINEREUS - LARVICIDES**
Roth et al., Mosq. News 7.156, 1947.
- AEDES CINEREUS - SOUTH CAROLINA**
Weathersbee & Arnold, Tenn. Acad. Sci. J. 22 216, 1947.
- AEDES CINEREUS FUSCUS O.-S., see AEDES CINEREUS Meig.**
- AEDES CLAVIROSTRIS Stone & Bohart, see FICALBIA LUZONENSIS (Ludl.)**
- AEDES COMMUNIS (Deg.)**
Roth et al., Mosq. News 7 154-156, 1947.
U. S. Army Med. Dept. Bul. 7:992, 1947.
- AEDES DORSALIS (Meig.)**
Geib, Cal. Mosq. Control Assoc. P. 14: 54-55, 1946.
Gray, Alameda Co. (Cal.) Mosq. Abatement Dist. R. f. 1944:8, 1945; f. 1945: 1, 1946.
Harmston & Rees, Pan-Pac. Ent. 22: 150, 1946.
Peters, Cal. Mosq. Control Assoc. P. 15.87, 1947.
Pierce et al., Sanitarian 7.726, 1945.

AEDES DORSALIS--Continued.

- i Raley, Mosq. News 7:58-63, 1947.
- Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16:6-7, 1945; 17:5, 1946; 18:4-5, 1947.
- i Ross, Ill. Nat. Hist. Surv. B. 24:58, 61,77-78, 1947.
- Seaman, Mosq. News 5:92, 1945.
- Wilson et al., Mosq. News 6:80, 1946.
- AEDES DORSALIS - BREEDING PLACES**
- Gray, Cal. Mosq. Control Assoc. P. 14. 55-56, 1946.
- Washburn, N. J. Mosq. Exterm. Assoc. P. 34.65-67, 1947.
- AEDES DORSALIS - COLOR REACTIONS**
- i Gjullin, J. Ec. Ent. 40:326-327, 1947.
- AEDES DORSALIS - COLORADO (DENVER)**
- Lasky, Ent. News 57:191-192, 1946.
- AEDES DORSALIS - FLIGHT RANGE**
- Freeborn et al., Cal. Mosq. Control Assoc. P. 14:69-70, 1946.
- AEDES DORSALIS - LARVAE - MIDGUT**
- bi Richins, Ent. Soc. Amer. Ann. 38: 314-320, 1945.
- AEDES DORSALIS - UTAH**
- Rees, Mosq. News 5:134, 1945.
- b Rees & Nielsen, N. J. Mosq. Exterm. Assoc. P. 34:160-165, 1947.
- AEDES DORSALIS & ENCEPHALITIS**
- Hammon & Reeves, Amer. J. Pub. Health 35:994-995, 1945.
- b Hammon et al., Amer. J. Hyg. 42: 300-302,304, 1945.
- Hammon et al., Amer. Med. Assoc. J. 128:1138, 1945.
- AEDES DORSALIS & ENCEPHALITIS GROUP**
- Hammon & Reeves, Amer. J. Hyg. 46. 327-329,334, 1947.
- AEDES DORSALIS & ENCEPHALOMYE-LITIS, EQUINE**
- Hammon & Reeves, Amer. J. Pub. Health 35:996-997, 1945.
- Reeves, U. S. Livestock Sanit. Assoc P. 49:152, 1946.
- AEDES DUPREI (Coq.)**
- Michener, Amer. Mid. Nat. 37:343,345, 1947.
- Peterson & Smith, J. Ec. Ent. 38:378, 1945.
- i Ross, Ill. Nat. Hist. Surv. B. 24:9, 56,62,80, 1947.
- Shlaifer & Harding, Tenn. Acad. Sci. J. 21:249, 1946.
- AEDES EUPLOCAMUS Dyar & Knab**
- PiJoan et al., U. S. Nav. Med. Bul. 46: 1517,1519, 1946.
- Pritchard et al., Fla. Ent. 30:11, 1947.
- AEDES EXCRUCIANS (Wlkr.)**
- Harmston & Rees, Pan-Pac. Ent. 22: 150, 1946.
- i Ross, Ill. Nat. Hist. Surv. B. 24:8,54, 63,71-72, 1947.
- Wilson et al., Mosq. News 6:80, 1946.
- AEDES FITCHII (Felt & Young)**
- Harmston & Rees, Pan-Pac. Ent. 22: 150-151, 1946.
- Lasky, Ent. News 57:192, 1946.
- Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 18:5, 1947.
- i Ross, Ill. Nat. Hist. Surv. B. 24:6,8, 55,63,73, 1947.

AEDES FITCHII--Continued.

- Roth et al., Mosq. News 7:156, 1947.
- Wilson et al., Mosq. News 6:80, 1946.
- AEDES FLAVESCENS (Müll.)**
- Harmston & Rees, Pan-Pac. Ent. 22: 151, 1946.
- i Ross, Ill. Nat. Hist. Surv. B. 24.8, 62,67,72, 1947.
- AEDES FULVUS PALLENS Ross**
- Michener, Amer. Mid. Nat. 37:347, 1947.
- Peterson & Smith, J. Ec. Ent. 38:378, 1945.
- i Ross, Ill. Nat. Hist. Surv. B. 24.8-9, 80-81, 1947.
- Shlaifer & Harding, Tenn. Acad. Sci. J. 21:249, 1946.
- b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:216, 1947.
- AEDES GROSSBECKI Dyar & Knab**
- Michener, Amer. Mid. Nat. 37:374, 1947.
- Peterson & Smith, J. Ec. Ent. 38:378, 1945.
- i Ross, Ill. Nat. Hist. Surv. B. 24.6, 8-9,56,58,63,74-75, 1947
- Shlaifer & Harding, Tenn. Acad. Sci. J. 21.249, 1946.
- b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:216, 1947.
- Wirth, J. Ec. Ent. 40.744, 1947.
- AEDES HEXODONTUS Dyar**
- Roth et al., Mosq. News 7.154-156, 1947.
- AEDES HOOGSTRAALI Kngt. & Rzbm.**
- ni Knight & Rozeboom, Biol. Soc. Wash. P. 59:92-94, 1946.
- AEDES IDAHOENSIS (Theob.)**
- Harmston & Rees, Pan-Pac. Ent. 22.151, 1946.
- AEDES IMPLACABILIS (Wlkr.)**
- i Ross, Ill. Nat. Hist. Surv. B. 24:6,8, 55,63,81-82, 1947.
- AEDES INCREPITUS Dyar**
- Harmston & Rees, Pan-Pac. Ent. 22: 151, 1946.
- Lasky, Ent. News 57.192, 1946.
- Lee, N. J. Mosq. Exterm. Assoc. P. 34.69, 1947.
- Pierce et al., Sanitarian 7:725-726, 1945.
- Roth et al., Mosq. News 7:156, 1947.
- Seaman, Mosq. News 5:92, 1945.
- AEDES INFIRMATUS Dyar & Knab**
- Michener, Amer. Mid. Nat. 37:343, 1947.
- Peterson & Smith, J. Ec. Ent. 38:378, 1945.
- Shlaifer & Harding, Tenn. Acad. Sci. J. 21.250, 1946.
- b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:216, 1947.
- AEDES KEYENSIS Buren**
- n Buren, Ent. Soc. Wash. P. 49:228-229, 1947.
- AEDES LAFFOONI Kngt. & Rzbm.**
- ni Knight & Rozeboom, Biol. Soc. Wash. P. 59:94-95, 1946.
- AEDES LATERALIS (Meig.) of auth., see AEDES STICTICUS (Meig.)**
- AEDES LEUCOCELAENUS Dyar & Shan.**
- Davis, Ecol. Monog. 15: 271,290,294,1945.

AEDES MARIAE - ULTRASONIC WAVES
 bi Sautet et al., Rev. Can. de Biol. 6.
 182-210, 1947.

AEDES MATHESONI Middlek. - LARVAE
 i Rings & Hill, Ent Soc Wash. P 48.
 237-240, 1946.

AEDES MITCHELLAE (Dyar)
 Michener, Amer. Mid. Nat. 37 342-
 343, 1947.
 i Ross, Ill. Nat. Hist. Surv. B 24 58,
 60,70, 1947.
 Peterson & Smith, J. Ec. Ent. 38 379,
 1945.
 Schlaifer & Harding, Tenn. Acad. Sci.
 J. 21.250, 1946.
 b Weathersbee & Arnold, Tenn. Acad.
 Sci. J. 22-216-217, 1947.

AEDES NIGROMACULIS (Ludl.)
 Aarons, Cal. Mosq. Control Assoc. P.
 15 122-123, 1947.
 Harmston & Rees, Pan-Pac. Ent. 22
 152, 1946.
 Lasky, Ent. News 57 192-193, 1946.
 Pierce et al., Sanitarian 7 726, 1945
 i Raley, Mosq. News 7 58-63, 1947.
 Rees, Salt Lake City Mosq. Abatement
 Dist. R. Sum. 16 6, 1945.
 Reeves et al., Cal. Mosq. Control As-
 soc. P. 15 93, 1947.
 i Ross, Ill. Nat. Hist. Surv. B. 24 70,
 1947.

AEDES NIGROMACULIS - BREEDING
 PLACES
 Washburn, N. J. Mosq. Exterm. Assoc.
 P. 34 65-67, 1947.

AEDES NIGROMACULIS - FLIGHT
 RANGE
 Freeborn et al., Cal. Mosq. Control
 Assoc. P. 14:70, 1946.

AEDES NIGROMACULIS & ENCEPHA-
LITIS GROUP
 Hammon & Reeves, Amer. J. Pub.
 Health 35 995, 1945.
 Hammon & Reeves, Amer. J. Hyg. 46
 328, 1947.

AEDES NIPHADOPSIS Dyar & Knab
 Harmston & Rees, Pan-Pac. Ent. 22
 152, 1946.
 Rees, Salt Lake City Mosq. Abatement
 Dist. R. Sum. 17:5, 1946.

AEDES PIONIPS Dyar
 U. S. Army Med. Dept. Bul. 7 992, 1947.

AEDES PULLATUS (Coq.)
 Harmston & Rees, Pan-Pac. Ent. 22
 152, 1946.

AEDES PUNCTOR (Kby.)
 i Ross, Ill. Nat. Hist. Surv. B. 24 8,63,
 81, 1947.
 U. S. Army Med. Dept. Bul. 7-992, 1947.

AEDES SERRATUS (Theob.)
 Davis, Ecol. Monog. 15:267,271-272,
 290,294, 1945.

AEDES SERRATUS - STRATIFICATION
IN CAGES
 b Bates, Ecology 28:80-81, 1947.

AEDES SOLLICITANS (Wlkr.) (SALT-
MARSH MOSQUITO)*
 Botsford & Elston, Conn. B. 512:36,41-
 42, 1946.
 Longworth, N. J. Mosq. Exterm. As-
 soc. P. 33:148, 1946.

AEDES SOLLICITANS--Continued.
 Michener, Amer. Mid. Nat. 37.343,
 1947.
 Peterson & Smith, J. Ec. Ent. 38 379,
 1945.
 Pritchard et al., Fla. Ent. 30 11, 1947.
 i Ross, Ill. Nat. Hist. Surv. B. 24.5,20,
 53,58,60,67,69-70, 1947.
 Stearns et al., N. J. Mosq. Exterm.
 Assoc. P. 34:92, 1947.
 Wilson et al., Mosq. News 6 80, 1946.

AEDES SOLLICITANS - BREEDING
PLACES
 Hathaway, La. Acad. Sci. P. 9 81, 1945
 Pratt, U. S. Pub Health Rpts. Sup. 200
 9, 1947.
 Weathersbee, N. J. Mosq. Exterm. As-
 soc. P. 32.97, 1945.

AEDES SOLLICITANS - INSECTICIDES
 Annand, USDA EPQ R. f. 1946/47 17-18.
 Ginsburg, N. J. Mosq. Exterm. Assoc.
 P. 34 134-135, 1947.
 Parker & Beachler, Del.B. 264:19, 1947
 i Stearns et al., N. J. Mosq. Exterm.
 Assoc. P. 33 151-153, 1946.
 Stearns et al., Del. B. 263 25, 1947.

AEDES SOLLICITANS - INSECTICIDES -
ADULT
 Madden et al., Mosq. News 6 7-11,
 1946.

AEDES SOLLICITANS - INSECTICIDES -
DDT
 Annand, USDA EPQ R. f. 1945/46 8.
 Brescia, J. Ec. Ent. 39.698-715, 1946.
 Ginsburg, N. J. Mosq. Exterm. Assoc.
 P. 32 47,51-54, 1945.
 Knippling, Natl. Malar. Soc. J. 5 115-
 116, 1946.
 Madden et al., Mosq. News 5 100-104,
 1945.
 Madden et al., J. Ec. Ent. 39:463-467,
 1946.
 b Wiseup et al., Mosq. News 6 14-16,
 1946, 7 103-108, 1947.
 Yuill et al., Cal. Mosq. Control Assoc.
 P. 14:45-52, 1946.

AEDES SOLLICITANS - MIGRATION
 Brescia, Ent. Soc. Amer. Ann. 40.69-
 74, 1947.

AEDES SOLLICITANS - SOUTH CARO-
LINA
 b Weathersbee & Arnold, Tenn. Acad.
 Sci. J. 22:217, 1947.

AEDES SOLLICITANS & FILARIASIS
 Hunter & Harkema, Helminth. Soc.
 Wash. P. 13 46,48, 1946.
 Newton et al., Amer. J. Trop. Med. 25
 255,257,259-261, 1945.

AEDES SPENCERII (Theob.)
 Rempel, Can. Ins. Pest Rev. 25 114,
 1947.
 i Ross, Ill. Nat. Hist. Surv. B. 24.8,58,
 62,79-80, 1947.

AEDES SQUAMIGER (Coq.) (CALIFORNIA
SALT-MARSH MOSQUITO)*
 Gray, Alameda Co. (Cal.) Mosq. Abate-
 ment Dist. R. f. 1944:8, 1945; f. 1945
 1, 1946; f. 1946:7, 1947.
 Pierce et al., Sanitarian 7 725, 1945.
 Seaman, Mosq. News 5:92, 1945.

AEDES SQUAMIGER - FLIGHT RANGE
Freeborn et al., Cal. Mosq. Control
Assoc. P. 14-70, 1946.

AEDES STICTICUS (Meig.) (FLOODWATER MOSQUITO)*

Bailey, Vt. Comnr. Agr. Bien. R. 23.
86, 1946.

i Downes, Victoria Nat. 2.43, 1945.

Eddy, R. I. Dept. Agr. & Conserv. R.
10:48, 1945.

Glendenning, Can. Ins. Pest Rev 24
117, 1946.

Lasky, Ent. News 57:193, 1946.

Lee, N. J. Mosq. Exterm. Assoc. P.
34:69, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24.6,8,
55.58,62,78-79, 1947.

Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:250, 1946.

Wilson et al., Mosq. News 6:80, 1946.

AEDES STICTICUS - COLOR REACTIONS
i Gjullin, J. Ec. Ent. 40:326-327, 1947.

AEDES STICTICUS - EGGS - SURVIVAL
Gjullin & Yates, Cal. Mosq. Control
Assoc. P. 14.89-92, 1946.

AEDES STICTICUS - IDAHO
Harmston & Rees, Pan-Pac. Ent. 22
152-153, 1946.

AEDES STICTICUS - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:12-
13, f. 1946/47:16-17.

Gjullin & Yates, Cal. Mosq. Control
Assoc. P. 15.24-25, 1947.

i Raley, Mosq. News 7 58-63, 1947.

b Yates, J. Ec. Ent. 39 468-471, 1946.
Yates & Gjullin, Mosq. News 7:4-6,
1947.

AEDES STICTICUS - MISSISSIPPI
Michener, Amer. Mid. Nat. 37:345,
347-348, 1947.

Peterson & Smith, J. Ec. Ent. 38:379,
1945.

AEDES STICTICUS - SOUTH CAROLINA
b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:217, 1947.

AEDES STICTICUS & ENCEPHALITIS
Hammon & Reeves, Amer. J. Pub.
Health 35:995, 1945.

AEDES STICTICUS & FILARIASIS
Eyles & Most, Amer. J. Trop. Med
27:215, 1947.

AEDES STIMULANS (Wlkr.)
Harmston & Rees, Pan-Pac. Ent. 22.
153, 1946.

Michener, Amer. Mid. Nat. 37:374,
1947.

Peterson & Smith, J. Ec. Ent. 38:379,
1945.

i Ross, Ill. Nat. Hist. Surv. B. 24.6,8,
54,62,72-73, 1947.

Wilson et al., Mosq. News 6:80, 1946.

AEDES TAENIORHYNCHUS (Wied.)
Michener, Amer. Mid. Nat. 37:343,
1947.

Peterson & Smith, J. Ec. Ent. 38:379,
1945.

Pritchard et al., Fla. Ent. 30:11, 1947.

Stearns et al., N. J. Mosq. Exterm.
Assoc. P. 33:151, 1946.

Wilson et al., Mosq. News 6:80, 1946.

AEDES TAENIORHYNCHUS - BREEDING PLACES
Pratt, USPub. Health Rpts. Sup. 200:9,

AEDES TAENIORHYNCHUS - CALIFORNIA

Seaman, Mosq. News 5:93, 1945.

AEDES TAENIORHYNCHUS - CARRIBEAN REGION

Magoon, Salub. y Asist. Soc. B. Ofic.
48.581, 1945.

AEDES TAENIORHYNCHUS - INSECTICIDES - ADULT

Madden et al., Mosq. News 6 7-11,
1946.

AEDES TAENIORHYNCHUS - INSECTICIDES - AEROSOLS - DDT

Brescia, J. Ec. Ent. 39 698-715, 1946.

AEDES TAENIORHYNCHUS - INSECTICIDES - DDT

Annand, USDA EPQ R. f. 1946/47 17.

Dews & Morrill, J. Ec. Ent. 39.349,
1946.

Knipling, Natl. Malar. Soc. J. 5 115-
116, 1946.

i Lindquist et al., J. Ec. Ent. 38 542-
544, 1945.

Madden et al., Mosq. News 5 100-104,
1945.

Madden et al., J. Ec. Ent. 39:463-467,
1946.

b Wisecup et al., Mosq. News 6 14-16,
1946, 7 103-108, 1947.

Yuill et al., Cal. Mosq. Control Assoc.
P. 14.44-52, 1946.

AEDES TAENIORHYNCHUS - MIGRATION
Brescia, Ent. Soc. Amer. Ann. 40 69-
74, 1947.

AEDES TAENIORHYNCHUS - SCREENING
Stearns, Del. B. 263:24-25, 1947.

Trullinger et al., USDA OES R. f.
1945/46 113, 1947.

AEDES TAENIORHYNCHUS - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:217, 1947.

AEDES TAENIORHYNCHUS - REPELLENTS

i Morton et al., USDA EPQ E-733.10-
11,18-235, 1947.

Pi Joan et al., U. S. Nav. Med. Bul. 46:
1517-1519, 1946.

Travis & Morton, N. J. Mosq. Exterm.
Assoc. P. 33.67, 1946.

Travis et al., J. Ec. Ent. 39:628-630,
1946.

AEDES TAENIORHYNCHUS & ENCEPHALITIS

Hammon & Reeves, Amer. J. Pub.
Health 35:995, 1945.

AEDES TAENIORHYNCHUS & FILARIASIS

Hunter & Harkema, Helminth. Soc.
Wash. P. 13:48, 1946.

Newton et al., Amer. J. Trop. Med. 25:
255-261, 1945.

i Scott et al., J. Parasit. 31:195-197,
1945.

AEDES THIBAUTI Dyar & Knab

Michener, Amer. Mid. Nat. 37:345,
1947.

Peterson & Smith, J. Ec. Ent. 38:379,
1945.

i Ross, Ill. Nat. Hist. Surv. B. 24:9.53,
58,60,73-74, 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J.
21:250, 1946.

AEDES THIBAUTI - BREEDING PLACES - TREE HOLES

Jenkins & Carpenter, Ecol. Monog. 16 36-37, 1946.

AEDES THIBAUTI - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:217-218, 1947.

AEDES THIBAUTI & FILARIASIS

Newton & Pratt, Amer. J. Trop. Med. 26 700-706, 1946.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 56

AEDES TORMENTOR Dyar & Knab

Michener, Amer. Mid. Nat. 37 374, 1947.

Peterson & Smith, J. Ec. Ent. 38 379, 1945.

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:218, 1947.

AEDES TORMENTOR & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27 214-216, 219, 1947.

AEDES TORTILIS (Theob.) - FLORIDA

Pritchard et al., Fla. Ent. 30 11, 1947
Staebler, U. S. Pub. Health Rpts. 61 685, 1946.

Staebler & Buren, Ent. News 57:157, 1946.

AEDES TRISERIATUS (Say)

Brooks, Ind. Acad. Sci. P. 56-155, 1947?
Harmston & Rees, Pan-Pac. Ent. 22 153, 1946

Lasky, Ent. News 57 193, 1946.

Michener, Amer. Mid. Nat. 37 347, 349, 1947.

Muesebeck, Mosq. News 7 77, 1947.

Peterson & Smith, J. Ec. Ent. 38 379, 1945.

Pritchard et al., Fla. Ent. 30:10, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24:2,7, 53,58,60,65-67, 1947

Shlaifer & Harding, Tenn. Acad. Sci. J. 21 250, 1946.

Wilson et al., Mosq. News 6 80-81, 1946.

AEDES TRISERIATUS - BREEDING PLACES - TREE HOLES

Jenkins & Carpenter, Ecol. Monog. 16 37-39, 1946.

AEDES TRISERIATUS - PREDATORS

Basham et al., Mosq. News 7:64-65, 1947.

AEDES TRISERIATUS - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:218, 1947.

AEDES TRISERIATUS & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27: 214-219, 1947.

Hunter & Harkema, Helminth. Soc. Wash. P. 13:46-48, 1946.

Newton et al., Amer. J. Trop. Med. 25: 255,258-261, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:56.

AEDES TRISERIATUS HENDERSONI

Ckl. - BREEDING PLACES - TREE HOLES

Jenkins & Carpenter, Ecol. Monog. 16: 39, 1946.

AEDES TRIVITTATUS (Coq.)

Breland, Mosq. News 7:77, 1947.

AEDES TRIVITTATUS - Continued.

Harmston & Rees, Pan-Pac. Ent. 22 153, 1946.

Lasky, Ent. News 57 222-223, 1946.

i Ross, Ill. Nat. Hist. Surv. B. 24 8, 55,58,62,75-76, 1947

Shlaifer & Harding, Tenn. Acad. Sci. J. 21 250, 1946

Vannote, N. J. Mosq. Exterm. Assoc. P. 34 54, 1947

Wilson et al., Mosq. News 6 81, 1946.

AEDES TRIVITTATUS - INSECTICIDES

Hansens, N. J. Mosq. Exterm. Assoc. P. 34 118, 1947.

AEDES TRIVITTATUS - SOUTH CAROLINA

Weathersbee & Arnold, Tenn. Acad. Sci. J. 22 218, 1947.

AEDES VARIPALPUS (Coq.) (WESTERN TREE-HOLE MOSQUITO)*

Jenkins & Carpenter, Ecol. Monog. 16 39-40, 1946.

Seaman, Mosq. News 5 93, 1945.

AEDES VEXANS (Meig.)

Bailey, Vt. Comnr. Agr. Bien. R. 23. 86, 1946

Breland, Mosq. News 7 77, 1947.

Lee, Cal. Mosq. Control Assoc. P. 15 42, 1947.

Lee, N. J. Mosq. Exterm. Assoc. P. 34 69, 1947.

Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16 6-7, 1945, 17 5, 1946, 18 4-5, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24 6-8, 20,54,58,60,67-69, 1947

Seaman, Mosq. News 5 93, 1945.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21 250, 1946.

Vannote, N. J. Mosq. Exterm. Assoc. P. 34 54, 1947.

Wilson et al., Mosq. News 6 81, 1946.

AEDES VEXANS - CANADA

Downes, Victoria Nat. 2 43-44, 1945.

Glendenning, Can. Ins. Pest Rev. 24 117, 1946.

Gregson, Can. Ins. Pest Rev. 24:129, 1946.

AEDES VEXANS - COLORADO (DENVER)

Lasky, Ent. News 57 223-224, 1946.

AEDES VEXANS - EARLY STAGES - RESISTANCE TO DROUGHT

Bick & Penn, Ent. Soc. Amer. Ann. 40 82-86, 1947.

AEDES VEXANS - EGGS - SURVIVAL

Gjullin & Yates, Cal. Mosq. Control Assoc. P. 14 89-92, 1946.

AEDES VEXANS - IDAHO

Harmston & Rees, Pan-Pac. Ent. 22 153, 1946.

AEDES VEXANS - INSECTICIDES

Annand, USDA EPQ R. f. 1945/46:12-13; f. 1946/47:16-17.

Gjullin & Yates, Cal. Mosq. Control Assoc. P. 15:24-25, 1947.

Hansens, N. J. Mosq. Exterm. Assoc. P. 34:118, 1947.

i Raley, Mosq. News 7 58-63, 1947.

b Yates, J. Ec. Ent. 39:468-471, 1946.

AEDES VEXANS - INSECTICIDES - DDT

Hart, N. J. Mosq. Exterm. Assoc. P. 34:57-59, 1947.

- AEDES VEXANS - INSECTICIDES - DDT**
 --Continued.
 Yates & Gjullin, Mosq. News 7:4-6, 1947.
- AEDES VEXANS - LARVAL ASSOCIATES**
 Schmitt, N. J. Mosq. Exterm. Assoc. P. 32 208, 1945.
- AEDES VEXANS - MISSISSIPPI**
 Michener, Amer. Mid. Nat. 37 350-351, 1947.
 Peterson & Smith, J. Ec. Ent. 38:379, 1945.
- AEDES VEXANS - SOUTH CAROLINA**
 b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:218-219, 1947.
- AEDES VEXANS & FILARIASIS**
 Hunter & Harkema, Helminth. Soc. Wash. P. 13 46,48, 1946.
 Newton et al., Amer. J. Trop. Med. 25:255-256,258-261, 1945.
 Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 56.
- AEDES VEXANS & ENCEPHALITIS GROUP**
 Hammon & Reeves, Amer. J. Pub. Health 35:995, 1945.
 Hammon & Reeves, Amer. J. Hyg. 46: 328, 1947.
- AEDES ZOOSOPHUS Dyar & Knab - BREEDING PLACES - TREE HOLES**
 Jenkins & Carpenter, Ecol. Monog. 16: 36, 1946.
- AEGERIA OPALESCENS Hy. Edwards, see SANNINOIDEA EXITIOSA GRAEFI (Hy. Edwards)**
- AEGERIA PICTIPES Grote & Rob., see SYNANTHEDON PICTIPES (Grote & ROB.)**
- AEGERIA TIPULIFORMIS Clerck, see RAMOSIA TIPULIFORMIS (Clerck)**
- AEGERIIDAE**
 nik Engelhardt, USNM B. 190, 222 p., 1946.
 Keifer, Cal. Dept. Agr. B. 35:209, 1946.
- AEGOSCHEMA MODESTUM (Gyll.)**
 i Knoll, Ohio Biol. Surv. B. 39:243-244, 1946.
- AENASIVS MAPLEI Comp. - EGGS & LARVAE**
 i Maple, Cal. Univ. Pub. Ent. 8:55-57, 1947.
- AENIGMATIAS Mein. - HABITAT**
 Brues, Psyche 54:265, 1947.
- AENOPLEX BETULAECOLA Ashm., see MASTRUS PILIFRONS (Prov.)**
- AENOPLEX CARPOCAPSAE Cush., see MASTRUS CARPOCAPSAE (Cush.)**
- AEOLOPLUS TENUIPENNIS TENUIPENNIS Scudd.**
 Fautin, Ecol. Monog. 16:264-265,267, 269, 1946.
- AEOLOTHRIPS FASCIATUS (L.)**
 Bianchi, Hawaiian Ent. Soc. P. 13:41, 1947.
 Steinweden, Orchid Digest 9:366, 1945.
- AEOLOTHRIPS INAUDITUS Bianchi**
 ni Bianchi, Hawaiian Ent. Soc. P. 12: 261-262, 1945.
- AEOLOTHRIPS KUWANAI Moulit.**
 Steinweden, Orchid Digest 9:266, 1945.
- AEOLOTHRIPS NITIDUS Moulit.**
 n Moulton, Pan-Pac. Ent. 22:59, 1946.
- AEOLUS ELEGANS (F.), see DRASTER-IUS ELEGANS (F.)**
- AEOLUS MELLILLUS (Say), see DRASTERIUS MELLILLUS (Say)**
- AEROCOREUTES CARLINIANUS (Thos.)**
 Arnason et al., Can. Ins. Pest Rev. 24 84, 1946.
- AEROSOL ADJUVANTS**
 i Garey, DuPont Mag. 40(4) 15-17, 1946.
 b Goodhue et al., Soap & Sanit. Chem. 21(4).123,125,127, 1945.
 b Hazen & Goodhue, Soap & Sanit. Chem. 22(8) 151,153,155, 1946.
 b Young, Soap & Sanit. Chem. 23(11). 116-117,152A, 1947.
- AEROSOL ADJUVANTS - DIOCTYL SODIUM SULFOSUCCINATE (AEROSOL OT) AS WETTING AGENT FOR MOSQUITOES**
 Josephson et al., Science 105 650-651, 1947.
- AEROSOL BOMBS**
 Annand, USDA EPQ R. f. 1943/44 25.
 Back, USDA Leaf. 145 rev..4, 1947.
 Bechtold, Air Surg. Bul. 2 68-70, 1945.
 Chambers, Wis. Hort. 36:149, 1946.
 Fisher, Bakers' Helper 86(1071) 52, 1946.
 Gaddis & Goodhue, J. Ec. Ent. 40:240-244, 1947.
 i Garey, DuPont Mag. 40(4).15-17, 1946.
 Kinnard, U. S. Dept. Com. Dom. Com. 34(4) 23, 1946.
 i McGovran & Fales, Soap & Sanit. Chem. 23(2).124-125,169,171, 1947.
 i Markwood, U. S. Dept. Com. Dom. Com. 34(11):50-56, 1946.
 Schroeder et al., Soap & Sanit. Chem. 22(4).145,147, 1946.
 Smallman, Wallerstein Lab. Commun. 8:165-166, 1945.
 i Sullivan, Air Surg. Bul. 2:70, 1945.
 Soap & Sanit. Chem. 21(10):124-126, 163, 1945.
- AEROSOL BOMBS - DDT**
 Cruz Monclova, D.D.T. Insectic..71-75, 1946.
 i Daggy et al., Minn. Ext. B. 252:5, 1946.
 Kendall, Good Housekeeping 125(2). 110-111, 1947.
 Kingscote, Ont. Dept. Agr. Ont. Vet. Col. R. f. 1946/47:36-37.
 Madden et al., J. Ec. Ent. 38:252-254, 1945.
 Prather, Better Homes & Gard. 25(9): 111, 1947.
 Tissot, Fla. Grow. 55 [i.e. 54] (8):15, 1946.
 Geigy Co. Inc., Glass Packer 25:797, 1946.
- AEROSOL BOMBS - DDT & PYRETHRUM**
 Cory, Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2:74, 1947.
 Simmons, Adv. Int. Med. 2:241-242,246, 1947.
 i Snow, Ofc. Sanit. Pan Amer. B. 25: 892-896, 1946.
- AEROSOL BOMBS-DDT & PYRETHRUM - TOXICITY**
 b Wright et al., Amer. J. Med. 1:562-567, 1946.

AEROSOL BOMBS - DISPENSERS

- i Gilbert & Reed, N. J. Mosq. Exterm Assoc. P. 32 234-236, 1945.
- i Goodhue et al., Soap & Sanit. Chem. 23(9) 119-121, 1947.
- bi Schroeder & Lindquist, Soap & Sanit. Chem. 22(6) 149-151, 173, 1946.
- AEROSOL BOMBS - DISPENSERS - BEER CANS**
- Rhodes & Goodhue, Soap. & Sanit. Chem. 23(10) 122-123, 151, 1947.
- AEROSOL BOMBS - FILLING**
- i Fulton et al., USDA EPQ ET-245, 4 p., 1947.
- AEROSOL BOMBS - MARKETING**
- Ditsler, Soap & Sanit. Chem 22(7) 131, 133, 1946.
- bi Goodhue et al. Chem Indus 60 602-604, 1947.
- AEROSOL BOMBS - PIPERONYL MIXTURES**
- Howland, Better Homes & Gard 25(8) 4, 1947.
- AEROSOL BOMBS - PYRETHRINS & PIPERONYL BUTOXIDE**
- Dove, Amer. J Trop Med. 27 343-344, 1947.
- AEROSOL BOMBS - PYRETHRUM**
- bi Gnadinger, Pyrethrum Flowers sup to ed. 2 1936-1945 565-588, 1945
- AEROSOL BOMBS - PYRETHRUM - FREON-INSOLUBLES**
- Goodhue, Soap & Sanit Chem 23(1) 133, 135, 1947.
- AEROSOL BOMBS - PYRETHRUM & SESAME OIL**
- McFarland, Human Factors in Air Transport Design. 186-187, 1946
- AEROSOL INJURY - HEXAETHYL TETRAPHOSPHATE**
- Smith et al., Chrysanthemum Soc. Amer. B. 15(2) 6-9, 1947.
- AEROSOLS**
- Anderson, USDA R. Sec. f. 1946 144, f. 1947 140.
- Annand, USDA EPQ R. f. 1943/44. 27, 34, f. 1944/45. 4-5, 14; f. 1945/46 17-18, f. 1946/47 7-8, 17, 21-22.
- Bishopp & Henderson, USDA Leaf. 182 rev. 16, 1946.
- Cory, Amer. Nurserym. 85(7):81, 1947.
- Creighton, Fla. St. Hort. Soc. P. 60 216, 1947.
- Creighton, Natl. Shade Tree Conf. P. 23. 118-119, 1947.
- Cutright, Ohio St. Hort. Soc. P. 100. 185-189, 1947.
- b Dietz & Shepherd, Soap & Sanit. Chem. 22(12):137-139, 1946.
- Ditman, Food Packer 26(6). 58, 60, 62, 1945; 27(7):70, 72, 1946.
- Dove, J. Milk & Food Technol. 10:217, 1947.
- b Goodhue, Iowa St. Col. J. Sci. 19: 258-260, 1945.
- b Goodhue, Soap & Sanit. Chem. 22(2): 133, 135, 185, 1946.
- Goodhue & Riley, J. Ec. Ent. 39:227-235, 1946.
- Graham, B. C. Lumberm. 29(4):39, 60, 64, 1945.
- bi Haller, Indus. & Engin. Chem. Indus. Ed. 39:471-472, 1947.

AEROSOLS--Continued.

- Hambidge, Harper's Mag. 190.266-267, 1945, Sci. YB 1946 189-190.
- Henderson, USDA EPQ E-681 3, 1946
- i Henderson, Amer. City 62(4) 105-106, 1947
- Henderson, Ice Cream Rev 30(10) 78, 80, 1947.
- Henderson, Milk Plant Month. 36(3) 56, 1947.
- i Hensill, Agr. Chem. 2(11) 21-23, 1947.
- Hixson et al., Neb. R 60 52, 1947.
- i Husman et al., USDA EPQ ET-228 8-10, 1947.
- Kearns, Amer. Assoc. Ec. Ent N. Cent. Sts. Branch P. 2 75-76, 1947.
- Kemp, Md. R. 58 16-17, 1945, 59 18-20, 1946.
- Latta, J. Ec. Ent 38.668-670, 1945, 39 614-619, 1946.
- Latta & Goodhue, USDA YB f. 1943 '47 623-627.
- i McGovran et al., J. Ec. Ent 39 218, 1946.
- i Mallis, Handb. of Pest Control 470-473, 1945.
- Matthysse, N. Y. (C) B 832 58-59, 1946.
- Metcalf et al., Cal. Mosq. Control Assoc P. 15 26-34, 1947.
- i Palm, Agr. Chem. 1(3) 63, 1946.
- i Potts et al., Natl. Shade Tree Conf. P. 23 183-193, 1947.
- Pyenson, Flower Grow. 33 202, 1946.
- Rohwer, Pest Control & Sanit 2(8) 25-26, 1947.
- Rohwer, Soap & Sanit Chem 23(6) 137, 169, 191, 1947.
- Sinks, Coronet 19(5) 114-116, 1946.
- Smallman, Can. Grain J. 1(7) 10, 1946.
- Smith, Amer. Assoc. Econ. Ent N. Cent. Sts. Branch P. 25 39-41, 1946.
- i Smith et al., Pa. Veg. Grow. News 15(5) 97-99, 1945.
- Tate, Neb. St. Bd Agr. R. f. 1945-433.
- Tate, Amer. Assoc. Cereal Chem Trans. 4:41, 1946.
- Tenhet, J. Ec. Ent 38.449-450, 1945.
- Tisdale, Can. Chem. & Process Indus 29.77, 1945.
- Tisdale, Mich. St. Hort. Soc. R. 76 32-33, 1947.
- Tukey, Amer. Fruit Grow. 67(8) 48-49, 1947.
- Turner, Conn. Veg. Grow. Assoc. P. 35-61, 1947.
- b Wene, J. Ec. Ent. 40.675-679, 1947.
- White, Amer. Nurserym. 81(6):32-33, 36, 1945.
- Wilson, Fla. R. f. 1946/47.203-204.
- Wisecup et al., J. Ec. Ent. 38.434-436, 1945.
- i Witman, Chem. Indus. 58.591, 1946.
- Witman, Ohio Veg. & Potato Grow. P. 31:317, 1946.
- USDA EPQ E-714 8-9, 1947.
- USDA EPQ Orlando, Fla. Lab., USDA Misc. Pub. 606:26-29, 1946.
- AEROSOLS - APPARATUS**
- i Anderson & Brooks, J. Ec. Ent. 40. 199-200, 1947.
- Annand, USDA EPQ R. f. 1945/46.17-18.

AEROSOLS - APPARATUS--Continued.
 bi Barnes et al., Chem. Indus. 60:238-240, 339, 1947.
 i Colton, Natl. Geog. Mag. 88:410, 1945.
 Creighton, Fla. St. Hort. Soc. P. 60: 216, 1947.
 Creighton, Natl. Shade Tree Conf. P. 23 119, 1947.
 Cutright, Ohio St. Hort. Soc. P. 100 186-189, 1947.
 i Ditman, J. Ec. Ent. 39:668, 1946.
 i Ditman et al., J. Ec. Ent. 39:199-204, 1946, 40:190-191, 1947.
 Doehlert, Amer. Cranb. Grow. Assoc. P. 77 33, 1947.
 Essig, Cal. C. 365.76, 1946.
 i Glasgow & Collins, J. Ec. Ent. 39 227-235, 1946.
 i Hissill, Agr. Chem. 2(11):21-22, 1947.
 Marshall & Miles, Wash. St. Hort. Assoc. P. 43 108, 111-113, 1947.
 Palm, Agr. Chem. 1(3) 63-64, 1946.
 Raley, Cal. Mosq. Control Assoc. P. 15 124-125, 1947.
 Rasmussen, Mich. St. Hort. Soc. R. 75.129, 1946.
 Rasmussen, N. Y. St. Hort. Soc. P. 92 219-220, 1947.
 i Rice et al., J. Ec. Ent. 39 652-658, 1946.
 Smith et al., J. Ec. Ent. 38:189, 1945.
 i Smith et al., Pa. Veg. Grow. News 15(5) 98-99, 1945.
 i Smith et al., Agr. Chem. 2(12) 29, 1947.
 Smith et al., Chrysanthemum Soc. Amer. B. 15(2) 2-5, 1947.
 i Smith et al., Flor. Rev. 99(2569):31-32, 1947.
 i Stewart & Gammon, Amer. J. Bot. 34 492-495, 1947.
 Vorhies & Wehrle, Science 102:648, 1945.
AEROSOLS - APPARATUS, see also
AIRCRAFT SPRAYING - APPARATUS; SPRAYING APPARATUS
AEROSOLS - APPARATUS - GENERATORS (Besler)
 Morrison & Rasmussen, Oreg. C. Inform. 383, 5 p., 1946.
AEROSOLS - APPARATUS - GENERATORS (1-1/2 POWER MOTOR)
 Annand, USDA EPQ R. f. 1946/47 21-22.
 i Yeomans & Bodenstein, USDA EPQ ET-238, 6 p., 1947.
AEROSOLS - APPARATUS - GENERATORS (PLUMBER'S NIGHTMARE)
 i Raley, Mosq. News 7:58-63, 1947.
AEROSOLS - APPARATUS - HOCHBERG-LAMER GENERATOR
 Latta, J. Ec. Ent. 39 615, 1946.
AEROSOLS - APPARATUS - LABORATORY
 i Fulton & Berlin, USDA EPQ ET-246, 3 p., 1947.
 bi Goodhue et al., J. Ec. Ent. 38:709, 1945.
 bi McGovran & Fales, USDA EPQ ET-239, 7 p., 1947, ET-241, 5 p., 1947.

AEROSOLS - APPARATUS - LABORATORY--Continued.
 Starr et al., J. Ec. Ent. 38:401, 1945.
AEROSOLS - APPARATUS - STEAM JENNY
 Reuter, Ohio St. Hort. Soc. P. 100.178-184, 1947.
AEROSOLS - APPARATUS - TIFA
 Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:19-20, 1946.
 i Glasgow, J. Ec. Ent. 39:197-198, 1946.
 Hart, N. J. Mosq. Exterm. Assoc. P. 34 56-59, 1947.
 i Johnstone, N. J. Farm & Gard. 16 (9):15, 46, 1945.
 Kelsheimer, Fla. St. Hort. Soc. P. 59. 117-120, 1946.
 Lafferty, N. J. Mosq. Exterm. Assoc. P. 34:182-184, 1947.
 Steinrock, Mosq. News 6 141-153, 1946.
 i Tukey, Amer. Nurserym. 83(7) 17, 1946.
 Vannote, Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33.24, 1946.
 Vorhies & Wehrle, Ariz. Mimeo. R. 75, 13 p., 1945.
 b Wene, J. Ec. Ent. 40 675-679, 1947.
AEROSOLS - BENZENE HEXACHLORIDE
 Hill & Hixson, J. Ec. Ent. 40:137-138, 1947.
AEROSOLS - BENZENE HEXACHLORIDE & PYRETHRUM
 Fales et al., J. Ec. Ent. 40 754, 1947.
AEROSOLS - BENZENE HEXACHLORIDE & XYLENE & OIL
 Morrison et al., Farm. Elevator Guide 42(12):5-6, 1947.
AEROSOLS - CHLORDANE & XYLENE & OIL
 Morrison et al., Farm. Elevator Guide 42(12):6, 1947.
AEROSOLS - DDT
 Baillie, Can. J. Pub. Health 37:214-216, 1946.
 bi Barnes et al., Chem. Indus. 60 239-240, 339, 1947.
 Blshopp, Amer. J. Pub. Health 36 600-601; Pests 14(8):20, 22, 1946.
 Botsford & Elston, Conn. B. 512:44, 1946.
 Brescia & Wilson, J. Ec. Ent. 40:309-313, 313-316, 1947.
 b Brescia et al., Ent. News 57:180-183, 1946.
 b Bronson & Smith, J. Ec. Ent. 39:189, 191-194, 1946.
 Clarke, N. J. Mosq. Exterm. Assoc. P. 33.77-81, 1946.
 i Collins & Glasgow, J. Ec. Ent. 39: 241-245, 1946.
 i Ditman, Food Packer 27(7):70, 72, 1946.
 i Ditman, J. Ec. Ent. 39:668, 1946.
 b Ditman et al., J. Ec. Ent. 38:183-188, 1945.
 i Ditman et al., Chemurg. Digest 6:94-95, 1947.
 Essig, Cal. C. 365:76-78, 1946.
 i Fisher, Food Packer 27(2):50, 1946.
 Frazier & Stafford, J. Ec. Ent. 40:488, 1947.
 Glasgow, Mosq. News 7: 23, 26-27, 1947.

AEROSOLS - DDT--Continued.

- b Goodhue et al., J. Ec. Ent. 38 179-182, 1945.
 Hess, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.9, 1946.
 bi Hess & Keener, J. Wildlife Mangt. 11 1-10, 1947.
 Jones et al., J. Ec. Ent. 38 432-433, 1945.
 Kelsheimer, Fla. St. Hort. Soc. P. 59 117-120, 1946.
 Kemp, Md. R. 59:17-20, 1946.
 Knippling, Natl. Malar. Soc. J. 4.86-87, 90, 1945.
 Lafferty, N. J. Mosq. Exterm. Assoc. P. 34 182-184, 1947.
 Lindquist et al., J. Ec. Ent. 38.255-257, 1945.
 Lindquist et al., Soap & Sanit. Chem. 21(7) 109,111,113,119, 1945.
 Madden et al., J. Ec. Ent. 38 252-254, 1945.
 i Mast, Agr. Leaders' Digest 27(9) 12-13, 1946.
 Maxwell, Cal. Mosq. Control Assoc. P. 14 22, 1946
 Morrison et al., Oreg. C. Inform. 382 4, 1946.
 Neal, Soap & Sanit. Chem. 21(1) 99-100, 1945.
 Owens et al., J. Ec. Ent. 40 423-424, 1947.
 Poos, J. Ec. Ent. 38 447, 1945.
 Reed, Soap & Sanit. Chem. 22(1).119, 137, 1946.
 Roark & McIndoo, USDA EPQ E-728 30-31, 1947.
 Rodebush, Sci. News Let. 49.260, 1946
 Rosenstiel, J. Ec. Ent. 40 925-926, 1947.
 Smith, Kans. St. Hort. Soc. Bien. R. 48 64-65, 1946.
 b Smith & Goodhue, J. Ec. Ent. 38 173-179, 1945.
 Smith et al., J. Ec. Ent. 38:189-196, 1945.
 i Smith et al., Agr. Chem. 2(12):28-31, 61, 1947.
 Stage, N. J. Mosq. Exterm. Assoc. P. 32:68-69, 1945.
 Stage, USDA EPQ E-675.2-3, 1945.
 Stage, USDA EPQ E-680.3, 1946.
 Washburn, N. J. Mosq. Exterm. Assoc. P. 34:65-67, 1947.
 Watson et al., Natl. Malar. Soc. J. 5. 195-196,199,203, 1946.
 White, USDA EPQ E-692.3,11-12, 1946.
 i Geigy Co., Inc., Glass Packer 25 797, 1946.
 Pyro Prod. Co., Pest Control & Sanit. 1(12) 30, 1946.
 USDA EPQ E-714:8-9, 1947.
 i U. S. War Dept. TB Med 194(PB-2436) 21-24, 1945.
AEROSOLS - DDT - AGING TESTS
 b Goodhue & Ballinger, Indus. & Engin. Chem. Anal. Ed. 18:131-132, 1946.
AEROSOLS - DDT - RESIDUAL EFFECTS
 Schroeder et al., J. Ec. Ent. 38:277-278, 1945.

AEROSOLS - DDT - TOXICITY

- bi Neal et al., U. S. Pub. Health Rpts. Sup. 183, 32 p., 1945.
AEROSOLS - DDT - TOXICITY TO AQUATIC LIFE
 Watson et al., Natl. Malar. Soc. J. 5. 199,203, 1946.
AEROSOLS - DDT - TOXICITY TO HOUSEFLIES
 i Fales et al., Soap & Sanit. Chem. 22(6).157-158, 1946.
AEROSOLS - DDT - TOXICITY TO MOSQUITOES
 Brescia, J. Ec. Ent. 40 441, 1947.
 LaMer et al., J. Colloid Sci. 2:539-549, 1947.
 i Latta et al., Wash. Acad. Sci. J. 37. 397-407, 1947.
AEROSOLS - DDT - VISCOSITY & DENSITY
 b Goodhue & Hazen, Anal. Chem. 19 (4) 248-250, 1947.
AEROSOLS - DDT & DERRIS
 Brannon, J. Ec. Ent. 40.104-106, 1947.
AEROSOLS - DDT & OIL
 Brescia, J. Ec. Ent. 39 698-715, 1946.
 Brescia & Wilson, J. Ec. Ent. 40 316-319, 1947.
 Burgess, Ariz. R. 56 45-47, 1946, 57 44-45, 1947.
 Glasgow, J. Ec. Ent. 39 197-198, 1946.
 Hart, N. J. Mosq. Exterm. Assoc. P. 34 58-59, 1947.
 LaMer, Mosq. News 7 18-21, 1947.
 Wilson, Fla. R. f 1945/46 189.
AEROSOLS - DDT & OIL - TOXICITY
 Brescia, J. Ec. Ent. 39 714, 1946.
AEROSOLS - DDT & OIL - TOXICITY TO FISH
 Brescia, J. Ec. Ent. 39.706-707,715, 1946.
AEROSOLS - DDT & PYRETHRINS
 Lininger et al., Pa. B. 488 45, 1947.
AEROSOLS - DDT & PYRETHRUM
 Annand, New Internatl. YB 1944 295, 1945.
 Dove, USDA EPQ E-673.3, 1945.
 Goodhue, Iowa St. Col. J. Sci. 19 259, 1945.
 i Hall, Amer. Forests 52 154-155, 1946.
 Henderson, USDA EPQ E-701 6, 1946.
 Johnson, Food Mater. & Equip. 5(10) 5, Macaroni J. 27(7) 22, 1945.
 Knippling, J. Ec. Ent. 39.361, 1946.
 i Markwood, U. S. Dept. Com. Dom. Com. 34(11):53-56, 1946.
 Marshall, U. S. War Dept. TB Med 164 6-7, 1945.
 Parker, USDA EPQ E-653 5-7, 1945.
 Skaptason, Agr. Chem. 1(5).27, 1946.
AEROSOLS - DDT & PYRETHRUM & OIL
 Reeves et al., N. J. Mosq. Exterm. Assoc. P. 33.105, 1946.
AEROSOLS - DDT MIXTURES
 Anderson & Brooks, J. Ec. Ent. 40: 199-202,204-205, 1947.
 Cutright, Ohio St. Hort. Soc. P. 100: 186-189, 1947.
 Dittman et al., J. Ec. Ent. 39.199-204, 1946; 40:190-194, 1947.

AEROSOLS - DDT MIXTURES--Continued.

- b Madden et al., J. Ec. Ent. 39:620-623, 1946.
- Madden et al., Mosq. News 6.9-11, 1946.
- Morrison et al., Farm. Elevator Guide 42(12):5-6, 1947.
- Owens & Ditman, J. Ec. Ent. 39:405-406, 1946.
- Poos et al., J. Ec. Ent. 40.901, 1947.
- b Wene, J. Ec. Ent. 40.675-679, 1947.

AEROSOLS - DICHLORODIPHENYLDI-CHLOROETHANE

- Wene, J. Ec. Ent.:677-678, 1947.

AEROSOLS - FORMULATIONS

- bi McGovran et al., J. Ec. Ent. 39:216-219, 1946.
- Smith et al., J. Ec. Ent. 38.190, 1945.
- Smith et al., Agr. Chem. 2(12):28-29, 1947.

AEROSOLS - FORMULATIONS - STABILITY

- bi Young, Soap & Sanit. Chem. 23(11) 116-117, 152A, 1947.

AEROSOLS - HAZARDS & SAFEGUARDS

- Metzler, U. S. Pub. Health Rpts. 61 547, 1946.

AEROSOLS - HEXAETHYL TETRAPHOSPHATE

- Blauvelt & Hoffman, N. Y. St. Flower Grow. B. 19.12.14, 1947.
- Hall, Flower Grow. 34 362, 1947.
- Salter, USDA PISAE R. f. 1946/47.19.
- i Smith et al., Agr. Chem. 2(12) 28-31, 61, 1947.
- Smith et al., Chrysanthemum Soc. Amer. B. 15(2).2-11, 1947.
- i Smith et al., Flor. Rev. 99(2569):31-35, 1947.
- Wis. Agr. Expt. Sta., Facts about HET (Hexaethyl tetraphosphate) as an Insectic. in Wis. 4, 1947. (Sten. B.)

AEROSOLS - HEXAETHYL TETRAPHOSPHATE (VAPOTONE)

- Roberts, Flor. Rev. 99(2570):39, 1947.

AEROSOLS - PARTICLE SIZE

- Brescia, J. Ec. Ent. 39 698-700, 1946.
- i Collins, Mosq. News 7.29-35, 1947.
- Fales et al., Soap & Sanit. Chem. 22 (6).157-158, 1946.
- Glasgow, Mosq. News 7.22-27, 1947.
- Glasgow & Collins, J. Ec. Ent. 39:233-235, 1946.
- b Goodhue, J. Ec. Ent. 39:506-509, 1946.
- b Goodhue & Riley, J. Ec. Ent. 39.223-226, 1946.
- b Guyton, J. Indus. Hyg. & Toxicol. 28. 133-141, 1946.
- Kearns, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:75-76, 1947.
- Kruse & Metcalf, U. S. Pub. Health Rpts. 61:1180-1182, 1946.
- LaMer et al., J. Colloid Sci. 2:539-549, 1947.
- Latta et al., Wash. Acad. Sci. J. 37: 397-407, 1947.
- Potts, J. Ec. Ent. 39:719-720, 1946.
- Potts, Ohio St. Hort. Soc. P. 100:202-203, 1947.
- Potts, Trees 7(5).20, 1947.

AEROSOLS - PARTICLE SIZE, see also SPRAYS - PARTICLE SIZE

AEROSOLS - PYRETHRINS & PIPERO-NYL BUTOXIDE

- Dove, Pest Control & Sanit. 2(10).22, 1947.

- Dove, Pests 15(9).30, 1947.

AEROSOLS - PYRETHRUM

- i Colton, Natl. Geog. Mag. 88:409, 1945.
- Gray, Can. Food Packer 17(12):29, 1946.

- Gray, Northw. Mill. Mill. Prod. Sect. 229(10).3a, 1947.

- Lindquist et al., J. Ec. Ent. 38:255-257, 1945.

- i Lindquist et al., Soap & Sanit. Chem. 22(5):135,137,139,141,143, 1946.

- Madden et al., Mosq. News 6.9-11, 1946.

- Simmons, Mil. Surg. 96.124, 1945.

AEROSOLS - PYRETHRUM & OIL EMULSION

- b Ginsburg, Mosq. News 6.137-139, 1946.

AEROSOLS - PYRETHRUM & SESAME OIL

- Goodhue, Iowa St. Col. J. Sci. 19.258-259, 1945.

- i Markwood, U. S. Dept. Com. Dom. Com. 34(11).53-56, 1946.

AEROSOLS & DROSOPHILA MUTATIONS

- Demerec & Luria, Carnegie Inst Wash YB 44.119-221, 1945.

AEROSOLS & TRIATOMIC INDEX

- Neghme, J. Parasit. 32:209-210, 1946.

AESHNA F. - EMERGENCE

- i Palmer, Can. Nature 8:90-93, 1946.

AESHNA CYANEA Müll. - PREY

- Calvert, Ent. Soc. Wash. P. 49.171-172, 1947.

AESHNA MULTICOLOR Hagen - EGGS

- Wilbur, Ent. News 56:48-49, 1945.

AESHNIDAE - INDIANA

- bi Montgomery, Ind. Acad. Sci. P. 56. 168-169, 1947?

AESHNIDAE - LARVAE - RESPIRATION

- Edwards, J. Cell. & Compar. Physiol. 27(1).55-64, 1946.

AGABUS Leach - MONTANA

- Leech, Pan-Pacific Ent. 21:16, 1945.

AGABUS CONFERTUS Lec. - PREY

- Leech, B. C. Ent. Soc. P. 42.18, 1945.

AGABUS GRISEIPENNIS Lec. - OREGON

- Fender, B. C. Ent. Soc. P. 42.2, 1945.

AGABUS HYPOMELAS Mann., A. VAN- COUVERENSIS Leech

- Leech, Can. Ent. 77:77-78, 1945.

AGALLIA Curt. & UNMOTTLED CURLY- DWARF OF POTATO

- bi Folsom, Maine B. 446:93-95, 1946.

AGALLIA ALBIDULA Uhl.

- Martorell, P. R. Univ. J. Agr. 29:372, 1945.

AGALLIA CONSTRICTA Van D. & VIRUS TUMORS OF PLANTS

- i Kelly, Plants & Gard. 3:124-126, 1947.

AGALLIA QUADRIPUNCTATA (Prov.) - PARTHENOGENESIS

- Black & Oman, Ent. Soc. Wash. P. 49: 19-20, 1947.

- AGALLIA SANGUINOLENTA (Prov.), see ACERATAGALLIA SANGUINOLENTA (Prov.)
- AGALLIANA ENSIGERA Oman & CURLY TOP
bi Bennett et al., J. Agr. Res. 72:19-46, 1946.
- AGALLIANA ENSIGERA & YELLOW WILT OF SUGAR BEET
Bennett & Munck, J. Agr. Res. 73:57-59, 1946.
- AGALLIOPSIS NOVELLA (Say) & VIRUS TUMORS OF PLANTS
i Kelly, Plants & Gard. 3:124-126, 1947.
- AGANACTESIS INDECORA Dyar
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No 1):4.
- AGAPOSTEMON Guér. - MICHIGAN
bk Dreisbach, Mich. Acad. Sci. Papers 30:221-227, 1945.
- AGASPHAEROPS NIGRA Horn (LILY WEEVIL)*
i Doucette & Latta, USDA C 746, 24p., 1946.
- AGATHIS CINCTUS (Cress.)
Boyce, Quebec Soc. Protect. Plants R. 30:174, 1947.
- AGATHIS LATICINCTUS (Cress.)
Boyce, Quebec Soc. Protect. Plants R. 30:174, 1947.
- AGATHIS PUMILUS (Ratz.)
Balch & Reeks, N. B. Dept. Lands & Mines R. 108 110, 1945, 109:125, 1946.
Davault, Quebec Min. Lands & For. R. f. 1945/46 114, 1947.
Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites 23-25, 27, 1947.
Hawboldt, N. S. Dept. Lands & For. R. f. 1945/46:44, 1947.
- AGATHODES DESIGNALIS Guen. (BUCARE CATERPILLAR)
i Martorell, P. R. Univ. J. Agr. 29 525-527, 529, 1945.
- AGELENA NAEVIA Walck., see AGELENOPSIS NAEVIA (Walck.)
- AGELENOPSIS NAEVIA (Walck.) - WEBS
i Peattie, Nature Mag. 38:290, 1945.
- AGENIOIDEUS HUMILIS (Cress.)
Hurd, Pan-Pac. Ent. 23:132-134, 1947.
- AGERONIA Hbn. - SONIFICATION
McElvare, Bklyn. Ent. Soc. B. 40:65, 1945.
- AGERONIA AMPHINOME MEXICANA (Lucas), A. FERENTINA DIASIS Fruhst.
Bruner, Soc. Cubana Hist. Nat. Mem. 19:27-28, 1947.
- AGLAOPTERYX ABSIMILIS Gurney, A. DEVIA Rehn
Martorell, P. R. Univ. J. Agr. 29:357, 1945.
- AGONIA SPATHOGLOTTIS Uhm.
Swexey, Hawaiian Ent. Soc. P. 12:354, 1945.
- AGONODERUS LECONTEI Chaud. (SEED-CORN BEETLE)*
Wressell, Can. Ins. Pest Rev. 24:55, 1946.
- AGONODERUS LINEOLA (F.)
i Bohart, Hilgardia 17 293-294, 1947.
- AGONODERUS PALLIPES (F.) (CORN SEED BEETLE)
Davis, Ind. Acad. Sci. P. 56 149, 1947?
i Muma, Neb. Ext. C. 1537:5-6, 1946.
Twin, Can. Ins. Pest Rev. 23 4, 1945.
- AGONOPTERIX LECONTELLA (Clem.)
Frost, J. Ec. Ent. 38 126, 1945.
Frost, N. Y. Ent. Soc. J. 53 222, 1945.
- AGONUM MACULICOLLE Dej (TULE BEETLE)*
Michelbacher, Pests 15(6) 14, 1947.
- AGRILUS ANXIUS Gory (BRONZED BIRCH BORER)*
Bailey, Vt. Comnr. Agr. Bien. R. 23 87, 1946.
i Boyd, N. J. Dept. Agr. C. 355 109-110, 1945.
Conklin et al., N. H. B. 372 31, 1947
Farrar, Arbor. News 11 43, 1946
Filmer, Home Gard. [N.Y.] 6(3) 93-94, 1945.
Foss, N. Y. St. Conserv. Dept. R. 36. 78, 1946.
i Peirson, Amer. For. 53 308-309, 329:331, 1946.
i Peirson & Nutting, Maine For. Serv. C. 6, 10 p., 1945.
- AGRILUS ANXIUS - CANADA
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 32, 1945.
Cannon, Can. Ins. Pest Rev. 24 12, 1946.
i Davault, For. Québécoise 11 573-575, 1946, Québec Min. Terre et For. Bur. d'Ent. C. 3.3 p., 1946?
Davault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 22, 1947.
Davault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 22, 1946.
DeGryse, For. Ent. in Can. 4, 1947.
Kennedy, Ont. Royal Comn. For. R. f. 1947 118.
Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 17, 1945.
Lambert, Quebec Min. Lands & For. R. f. 1943/44:93, 1945.
Lejeune et al., Can. Ins. Pest Rev. 25 61-62, 1947.
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 58, 1947.
Reeks, Can. Ins. Pest Rev. 24:27, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:7, 1945, f. 1945:7-8, 1946, f. 1946:7-8, 1947.
Watson & Razienne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 37, 1947.
- AGRILUS ANXIUS & DIEBACK OF BIRCH
Balch & Reeks, N. B. Dept. Lands & Mines R. 108:109, 1945; 109:125, 1946, 110:64-65, 1947.
Davault, Quebec Min. Lands & For. R. f. 1944/45:114-115, 1946.
Davault, For. Québécoise 12 112, 1947, Québec Min. Terres et For. Bur. d'Ent. C. 6:2, 1947?
Foss, J. For. 45:448-449, 1947.

AGRILUS ANXIUS & DIEBACK OF BIRCH
--Continued.

Gardiner, Can. Min. Agr. R. f. 1945/46: 74; f. 1946/47:49,92.

Harrison, N. S. Dept. Lands & For. R. f. 1944:46,48-50, 1945, f. 1945:43-44, 1946.

b Hawboldt, J. For. 45:414-422, 1947.

Morris, N. S. Dept. Lands & For. R. f. 1944:51, 1945.

1 Nash, Timber of Can. 6(11):62-65, 1946.

AGRILUS BILINEATUS (Web.) (TWO-LINED CHESTNUT BORER)*

1 Boyd, N. J. Dept. Agr. C. 355:111-112, 1945.

Connaughton, USDA FS South. For. Expt. Sta. R. 27:64, 1947.

AGRILUS CEPHALICUS Lec. (DOGWOOD CAMBIUM BORER)

Filmer, Home Gard. [N.Y.] 6(3) 94-95, 1945.

AGRILUS CLADRASTIS Knull

ni Knull, Ohio J. Sci. 45 80-81, 1945.

AGRILUS COMMUNIS RUBICOLA Abeille, see AGRILUS RUBICOLA Abeille

AGRILUS HYPERICI Creutz.

Annand, USDA EPQ R. f. 1944/45 23, 1946; f. 1945/46:22, 1947

AGRILUS RUBICOLA Abeille (ROSE STEM GIRDLER)*

1 Boyd, N. J. Dept. Agr. C. 355 112-113, 1945.

1 McDaniel, Amer. Rose Ann. f. 1945 151-153.

Ross, Can. Ins. Pest Rev. 24 48, 1946.

1 Slate et al., N. Y. AG. C. 153 rev.. 53-55, 1945.

1 Slate et al., N. Y. (C.) Ext. B. 719 55-58, 1947.

Thompson, Ont. Dept. Agr. B. 355 rev.. 32, 1947.

Wildon, Mich. Sp. B. 222 rev..21, 1946.

AGRILUS RUFICOLLIS (F.) (RED-NECKED CANE BORER)*

Cutright & Vogel, Ohio St. Hort. Soc. P. 78:158-159, 1945.

1 Filinger, Kans. C. 239:19, 1947.

1 McDaniel, Amer. Rose Ann. f. 1945 153.

1 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev. 13-15, 1946.

1 Slate et al., N. Y. (C.) Ext. B. 719. 55-58, 1947.

Thompson, Ont. Dept. Agr. B. 355 rev. 30-31, 1947.

Whitehead, Okla. Ext. C. 458:15, 1947.

AGRILUS SINUATUS (Oliv.) (SINUATE PEAR TREE BORER)*

Mills & Dewey, N. Y. (C.) Ext. B. 711: 46,48,54, 1947.

AGRILUS VITTATICOLLIS (Rand.)

Smith, B. C. Ent. Soc. P. 42:14, 1945.

AGRION DIMIDIATUM (Burm.) - NYMPHS

1 Wright, Tenn. Acad. Sci. J. 21:336-338, 1946.

AGRIOTES MANCUS (Say) (WHEAT WIRE-WORM)*

Maltais, Can. Ins. Pest Rev. 25:14-15, 1947.

Pepper et al., J. Ec. Ent. 40:727-730, 1947.

Rawlins et al., N. Y. (C.) R. 58:121, 1946.

AGRIUS CINGULATUS (F.) (SWEETPOTATO HORNWORM)*

Wyllie, Fla. St. Hort. Soc. P. 59:90, 1946.

AGROICONOTA BIVITTATA (Say) (STRIPED SWEETPOTATO BEE-TLE)

Watts, S. C. R. 59:163, 1947.

AGROMYZA sp.

Frost, N. Y. Ent. Soc. J. 53:223, 1945.

Hoffmann, J. Ec. Ent. 38:356, 1945.

AGROMYZA ALBITARSIS Meig.

Leech, B. C. Ent. Soc. P. 43:22, 1947.

AGROMYZA BAPTISIAE Frost

Frost, N. Y. Ent. Soc. J. 53 223, 1945.

AGROMYZA LANTANAE Frog.

Kraus, Hawaiian Ent. Soc. P. 13.5, 1947.

AGROMYZA ORBONA Meig., see LIRIO-MYZA ORBONA (Meig.)

AGROMYZA PUSILLA Meig., see LIRIO-MYZA PUSILLA (Meig.)

AGROMYZIDAE - SPRAYS

b Roark, USDA EPQ E-652:2-3, 1945.

AGROTHEREUTES LOPHYRI (Nort.)

Girth & McCoy, N. Y. Ent. Soc. J. 54 320, 1946.

Weiss, N. J. Dept. Agr. R. 31:147, 1946.

AGROTINAE - DUSTS - DDT

White, USDA EPQ E-642 1, 1945.

AGROTIS Hbn.

Gauthier, Can. Ins. Pest Rev. 24:31, 1946.

AGROTIS C-NIGRUM (L.), see AMATHES C-NIGRUM (L.)

AGROTIS MALEFIDA Guen. (PALE-SIDED CUTWORM)*

Osorio, Control de Plagas 8 165, 1946.

Tissot, Fla. R. f. 1944/45 64.

AGROTIS ORTHOGONIA Morr. (PALE WESTERN CUTWORM)*

Arnason et al., Can. Ins. Pest Rev. 24 82, 1946.

b Brown et al., Can. Ent. 79:161-166, 1947.

Dean et al., Kans. Ent. Soc. J. 18:91, 1945.

Gardiner, Can. Min. Agr. R. f. 1946/47: 79.

1 Jacobson & McDonald, Can. Dept. Agr. Div. Ent. Processed Pub. 62, 5 p., 1947.

Manson & Arnason, Can. Ins. Pest Rev. 25.4, 1947.

Manson et al., Can. Ins. Pest Rev. 24. 93,104, 1946.

Neatby et al., Northw. Line Elevators Farm Serv. B. 5:38, 1945.

Walton, USDA FB 739 rev.:5, 1946.

AGROTIS ORTHOGONIA - LARVAE - STARVATION

Salt & Seamans, Can. Ent. 77:150-155, 1945.

Seamans & Rock, Can. Ent. 77:57-61, 1945.

AGROTIS VENERABILIS Wlkr.

Gauthier & Flioux, Quebec Soc. Pro-

tect. Plant. R. 29:88, 1945?

AGROTIS YPSILON (Rott.) (BLACK CUT-WORM)* (GREASY CUTWORM)

Cannon, Can. Ins. Pest Rev. 25:6, 1947.

AGROTIS YPSILON--Continued.

- Gauthier & Rioux, Quebec Soc. Protect. Plants R. 29.88, 1945?
i Lange, Spreckels Sugar Beet Bul. 11:5-6, 1947.
Muma, Neb. Ext. C. 1537.17, 1946.
Tissot, Fla. R. f. 1944/45 64.
Walton, USDA FB 739 rev., 7 p., 1946.
Wilson, Fla. R. f. 1945/46 187.
Wylie, Fla. R. f. 1946/47 203

AGROTIS YPSILON - BAITs

- Brooks & Anderson, J. Ec. Ent. 40. 226-228, 1947.

AGROTIS YPSILON - SOIL TREATMENT

- b Kulash, J. Ec. Ent. 40 851-854, 1947.

AGUNA ASANDER PANTHIUS (H.-S.) - TEXAS

- Freeman, Ent. News 58 185, 1947.

AHASVERUS ADVENA (Waltl) (FOREIGN GRAIN BEETLE)

- Farrar, Soybean Digest 6(2) 13, 1945

AIR-SAC MITE. see CYTODITES NUDIS (Viz.)

AIRCRAFT - DISINFESTATION OF, see DISINFESTATION - AIRCRAFT

AIRCRAFT - INSECT COLLECTING

- Dorsey, J. Ec. Ent. 40 806, 1947.

AIRCRAFT - PEST CARRIERS

- Anderson, USDA R. Sec. f. 1946 145-146.

- Annard, USDA EPQ R. f. 1943/44 52, f. 1945/46 19, 33, 50-51, 59-61, f. 1946/47 39-40, 67-68.

- Annard, Southeast. Cotton Ins. Control Conf. R. P. 1 9, 1947.

- Armitage, Cal. Dept. Agr. B. 33 234, 1945.

- Armitage et al., Cal. Dept. Agr. B. 34 170-171, 1945.

- i Barton, Hawaii Farm & Home 9(5) 39-40, 42, 1946.

- Bequaert, Amer. J. Trop. Med. 26(5 sup.) 92-93, 1946.

- i Blood, Amer. Vet. Med. Assoc. J. 110.5-7, 1947.

- Brown, Citrus Mag. 8(5) 14, 1946

- Brown, Fla. Grow. 14(9).26, 1946.

- b Cooley, J. Ec. Ent. 40 129-132, 1947

- Davis, Oreg. Dept. Agr. Bien. R. f. 1944/46:41-42.

- Dethler, J. Ec. Ent. 38 528-531, 1945.

- Fullaway, Hawaii Bd. Comms. Agr. & For. Bien. R. f. 1944/46 35-36, 42.

- Gaddis & Goodhue, J. Ec. Ent. 40 240-244, 1947.

- Harms, Cal. Mosq. Control Assoc. P. 14:99-103; Pests 14(9).24, 26, 1946.

- Lapage, Mil. Surg. 97 28, 1945.

- McCoy, N. J. Mosq. Exterm. Assoc. P. 32:238-239, 1945.

- b McFarland, Human Factors in Air Transport Design:165-208, 1946.

- Madden et al., J. Ec. Ent. 38.252-254, 1945.

- Magath & Knies, Mil. Surg. 96.215-219, 1945.

- b Miller et al., Natl. Malar. Soc. J. 6. 227-243, 1947.

- Mulrennan et al., Natl. Malar. Soc. J. 4:56-58, 1945.

AIRCRAFT - PEST CARRIERS--Continued.

- Oppermann, Franklin Inst. J. 240 254, 1945.

- Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 72-73.

- Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44 19-21, 1945.

- Pemberton, Hawaiian Planters' Rec. 50 105-109, 1946.

- Pierce et al., Sanitarian 7 726, 1945.

- Ryan, Los Angeles Co. Cal. Agr. R. f. 1944/45 3.

- Ryan, Cal. Citrog. 32 546, 1947.

- Sasscer, Ent. Soc. Wash. P. 49 256, 1947. (Abs.)

- Shillito, N. J. Mosq. Exterm. Assoc. P. 32:239-242, 1945.

- Staebler, U. S. Pub. Health Rpts. 61 685, 1946.

- Staebler & Buren, Ent. News 57 157, 1946.

- bi Van Zwaluwenburg, Hawaiian Planters' Rec. 50 11-17, 1946.

- Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45 16-21, 1946

- Wintrobe, Smithsn. Inst. R. f. 1945/46 390-391, 1947.

- Wirth, Hawaiian Ent. Soc. P. 13 142, 1947.

- Zimmerman, Hawaiian Planters' Rec. 50 112, 118, 1946.

- USDA EPQ SRA 166 46-49, 1947.

- USDA EPQ SRA List of Intercepted Plant Pests f. 1943/44 1-2, 1945, f. 1944/45 2, 1946.

- USDA Tree Nuts Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946 6-7, 1947.

AIRCRAFT - POISON BAIT SPREADING

- Annard, USDA EPQ R. f. 1944/45 40, f. 1946/47 41.

- Brown, J. Ec. Ent. 40 607, 1947.

AIRCRAFT DUSTING

- Annard, USDA EPQ R. f. 1943/44 12, 13, 16, 18, f. 1944/45 5, 28, f. 1946/47 13-14.

- Armitage, Cal. Dept. Agr. B. 33 239-240, 1945.

- Armitage et al., Cal. Dept. Agr. B. 35 205-206, 1946.

- Batchelder, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 11-12, 1946.

- Bigger et al., J. Ec. Ent. 40 403-407, 1947.

- Brindley et al., Ida. B. 268 41-42, 1946

- Buchanan, Wash. B. 482:49, 1946.

- Carlson et al., Wash. B. 470.147, 1945.

- Chupp & Leiby, N. Y. (C.) Ext. B. 208 rev. 90, 1947.

- Creighton, Fla. St. Hort. Soc. P. 60 216 1947.

- Darling, Prog. Guide 9.29, 1945.

- Decker, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.10-11, 1946.

- i Decker, Agr. Chem. 2(7):20, 24, 1947.

- Decker et al., J. Ec. Ent. 40:395-400, 1947.

AIRCRAFT DUSTING--Continued.

- Eide, Wash. St. Hort. Assoc. P. 42: 120-121, 124-125, 128, 1946.
 Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:55-56, 1946.
 Fenton & Ray, Okla. Pecan Grow. Assoc. P. f. 1945:67-68.
 Fisher, Wis. Ext. Airplane Dusting of Canning Peas, 7 p., Nov. 1945. (Spec. C.)
 Fleming, USDA EPQ E-724:7, 1947.
 Franklin, Mass. B. 436:29, 1946.
 i French, Agr. Engin. 28:240-241, 244, 1947.
 Gaines, J. Ec. Ent. 40:897-898, 1947.
 Gardner, Mich. R. 59 in Mich. St. Bd. Agr. R. 85:268, 1947.
 Graham, B. C. Lumberm. 29(4):60, 62, 64, 1945.
 Hall, Cranberries 10(9) 9, 1946.
 Hambidge, Harper's Mag. 190:267, 1945.
 Hill & Hixson, J. Ec. Ent. 40:137-138, 1947.
 Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:308-311, 314, 317, 1947.
 Hinman & Cowan, USDA EPQ E-722.4, 1947.
 Ingram et al., Sugar J. 9(11):10, 1947.
 Karr et al., Wash. St. Hort. Assoc. P. 43:135-136, 1947.
 King & Parks, Ohio Veg. & Potato Grow. Assoc. P. 32:15-19, 1947.
 i Knowlton, Amer. Bee J. 87 434, 1947.
 Linduska & Morton, Amer. J. Trop. Med. 27:774-775, 1947.
 Lyle, Miss. Farm Res. 8(4):7, 1945.
 Lyle, Miss. Inform. Sheet 389:1-2, 1947.
 McGregor et al., Ariz. TB 114:224-246, 1947.
 Manis & Shull, Ida. B. 269:31, 1947.
 Marcovitch & Stanley, Tenn. R. 58: 116-117, 1946.
 Marshall, Can. Hort. Grow. Ed. 69: 202, 1946.
 Martin, N. J. R. 66:53, 1946.
 Michelbacher et al., Cal. C. 365:7, 14, 16, 1946.
 Nutter, Ohio St. Hort. Soc. P. 100:209-214, 1947.
 O'Neill, N. Y. St. Hort. Soc. P. 91:94-96, 1946; 92:83-84, 1947.
 i Palm, Agr. Chem. 1(3):18, 1946.
 Parker, USDA EPQ E-734:10-11, 1947.
 Pepper & Wilson, J. Ec. Ent. 40:731, 1947.
 Petty et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:65-66, 1947.
 Price & Lyman, U. S. Pub. Health Rpts. 60:985-994, 1945.
 Rasmussen, Ill. St. Hort. Soc. Trans. 79:134-146, 1946.
 Rasmussen, Mich. St. Hort. Soc. R. 75: 30-39, 1946.
 Rasmussen, N. H. Hort. Soc. J. 10:34-35; Mass. Fruit Grow. Assoc. R. 53: 60-62, 1947.
 Rasmussen, N. Y. St. Hort. Soc. P. 92: 220-221, 1947.
 Salter, USDA PISAE R. f. 1944/45:16.

AIRCRAFT DUSTING--Continued.

- Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:24-25.
 Scott, J. Ec. Ent. 38 464-466, 1945.
 Stage & Irons, USDA YB f. 1943/47: 835-836.
 i Stokely, Food in Canada 5(12):26-28, 1945.
 Strong & Rasmussen, Ill. Hort. 34(4) 2-4, 1945.
 i Tisdale, Can. Chem. & Process Indus. 29:73, 77, 1945.
 Tracy, Va. Fruit 35(1):88-90, 1947.
 Vernon, Ill. St. Hort. Soc. Trans. 80: 251, 1947.
 Walton & Packard, USDA FB 1850 rev. 10, 1947.
 b Weinman & Powell, Ill. St. Hort. Soc. Trans. 80:110-120, 1947.
 Weinman et al., J. Ec. Ent. 40:94-95, 1947.
 i Werner, Neb. B. 384:80-81, 1947.
 Wolfenbarger, J. Ec. Ent. 39 503-505, 1946.
 Yuill, Ent. Soc. Wash. P. 49:96, 1947. (Abs.)
 Makepeace, A. D., Co., Cranberries 11(5):10, 1946.
 i Makepeace, A. D., Co. et al., Cranberries 11(3) 12-13, 1946.
 USDA EPQ & La. Agr. Expt. Sta., Sugar Bul. 23:100, 1945.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 3, 8, 14, 1947.
 i U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water. 47:159-165, 235-236, 1947.
 AIRCRAFT DUSTING - APPARATUS
 Annand, USDA EPQ R. f. 1946/47:23-24.
 Creighton, Natl. Shade Tree Conf. P. 23:119, 1947.
 i French, Rice J. 50(3) 20-21, 1947.
 Hess, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:8-9, 1946.
 i Husman et al., USDA EPQ ET-228. 1, 13-14, 1947.
 Irons, Agr. Chem. 2(5):25, 69, 1947.
 Lindquist et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:39, 1946.
 i McClintock & Fisher, Spray Chem. & Appl. Equip.:297-301, 1945.
 Salter, USDA PISAE R. f. 1946/47:70.
 Stage & Irons, USDA YB f. 1943/47: 836-837.
 Starnes, Agr. Flying; Ground School Curriculum Offered in Conjunction with Crop Dusting Training:12-15, 1947.
 i Stokely, Food in Canada 5(12):26-28, 1945.
 i U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:162, 405-409, 1947.
 AIRCRAFT DUSTING - BIPLANES
 Tomlinson & Doehlert, Cranberries 11(3):13, 1946.

AIRCRAFT DUSTING - COMMERCIAL OUTLOOK

1 Rush, U. S. Dept. Com. Indus. Ser. 63.179-193, 1946.

AIRCRAFT DUSTING - COSTS

Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:56, 1946.

Graham, B. C. Lumberm. 29(4) 124, 1945.

Kelsheimer, Fla. St. Hort. Soc. P. 59 84, 1946.

Rasmussen, Ill. St. Hort. Soc. Trans. 79:137-140, 143-144, 1946.

Rasmussen, Mich. St. Hort. Soc. R. 75 32-34, 37, 1946.

1 Strong & Rasmussen, Food Packer 26(13) 63-64, 66, 1946.

AIRCRAFT DUSTING - DDT

Batchelder, Amer. Assoc. Ent. N. Cent. Sts. Branch P. 2 22-24, 1947.

Batchelder & Questel, USDA EPQ E-659 5-11, 1945.

Daviault, For. Québécoise 9.14-15, 1945.

Eide, J. Ec. Ent. 40 54, 1947.

Geib, Cal. Mosq. Control Assoc. P. 14 54-55, 1946.

Gould, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.56-57, 1947.

Gould, Ind. R. 60.69, 1947.

Gunderson, J. Ec. Ent. 40 751, 1947.

Hill, Amer. Potato J. 23 139, 1946.

Hill, Neb. R. 59 56, 1946.

Hoerner, West. Colo. Hort. Soc. Trans. f. 1945 106 1946.

Isaksson, Amer. Soc. Sugar Beet Technol. P. 4.319-321, 1947.

Kernan, Amer. For. 51.111-112, 143, 1945.

Lindquist et al., J. Ec. Ent. 38.544, 1945.

Linsley & MacSwain, J. Ec. Ent. 40 359-361, 1947.

McGregor & Vorhies, Ariz. B. 207 5-13.17-18, 1947.

1 Metcalf et al., U. S. Pub. Health Rpts. 60-766-767, 1945.

Rings, Ohio Dept. Agr. Bien. R. f. 1945/46-40, 1947.

Roney, J. Ec. Ent. 40:932, 1947.

Shull et al., Ida. B. 268:39-40, 1946.

b Stevenson, J. Ec. Ent. 38:532-533, 1945.

Trullinger et al., USDA OES R. f. 1945/46.105, 1947.

Watson et al., Natl. Malar. Soc. J. 5. 199, 1946.

Wilson, Wis. B. 469:36, 1946.

Wolman, Off. Sanit. Pan Amer. Union B. 25:324, 1946.

Wright, Down to Earth 3(1):3-4, 1947.

USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:41, 1946.

AIRCRAFT DUSTING - DDT & DN-111 & TALC

Buchanan, Wash. B. 482:40, 1946.

AIRCRAFT DUSTING - DDT & SULFUR

Annard, USDA EPQ R. f. 1945/46:7, 1947.

AIRCRAFT DUSTING - DDT MIXTURES

1 Hill, Neb. R. 59:56, 1946.

AIRCRAFT DUSTING - DDT MIXTURES-- Continued.

Michelbacher et al., Cal. C. 365.26-29, 1946.

AIRCRAFT DUSTING - DRIFT

bi Brooks, Agr. Engin. 28.233-239, 244, 1947.

1 Michelbacher et al., Agr. Chem. 2 (3).23.52.68, 1947.

AIRCRAFT DUSTING - FLORIDA

Lindquist, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 5-6, 1946.

AIRCRAFT DUSTING - HELICOPTER

1 Benson, Cranb. World 1(11) 10-11, 1947.

Erwin, Amer. Cranb. Grow. Assoc. P. 77.36, 1947.

1 Hall, Cranberries 12(3).14-17, 1947.

1 Hanna, Down to Earth 2(3) 10-11, 1946.

Kelley, N. Y. St. Hort. Soc. P. 91 92-94, 1946.

1 Kelley, Agr. Chem. 2(7) 36-39, 1947

1 Neely, Collier's 118(17).121, 1945.

1 Urann, Cranb. Coop. News 8(6).1-2, 1947.

1 Urann, USDA Farm Credit Adm.

News f. Farm. Coop. 14(5) 11, 1947.

1 Whitnall, Better Fruit 41(8) 8.18, 1947.

AIRCRAFT DUSTING - PILOT INSTRUCTION

Martin, J. Ec. Ent. 39 486, 1946.

AIRCRAFT DUSTING - TEACHING

Starnes, Agr. Flying. Ground School Curriculum Offered in Conjunction with Crop Dusting Training. 15 p., 1947.

AIRCRAFT DUSTING & PARTICLE SIZE

Potts, Ohio St. Hort. Soc. P. 100 195, 1947.

AIRCRAFT DUSTING SERVICES

Moyers, Ill. St. Hort. Soc. Trans. 79 365, 1946.

1 Vahlising Insectic. & Chem. Corp., Agr. Chem. 2(10).18-20, 1947.

AIRCRAFT RUNWAYS - PESTS

Can. Dept. Agr. Sci. Serv. Div. Ent. Processed Pub. 23, 1 p., 1945.

AIRCRAFT SPRAYING

Annard, USDA EPQ R. f. 1944/46 5, 15.37, f. 1945/46.16, f. 1946/47.15, 23.39.43.45-46.

Armitage et al., Cal. Dept. Agr. B. 35. 205-206, 1946.

Batchelder, Amer. Assoc. Edon. Ent. N. Cent. Sts. Branch P. 25.11-12, 1946.

Bigger et al., J. Ec. Ent. 40:405-407, 1947.

Brown, J. Ec. Ent. 40:606, 1947.

Brown & Putnam, J. Ec. Ent. 39:676-677, 1946.

Buchanan, Wash. B. 482.49, 1946.

Clapp, U. S. TVA R. f. 1944/45.55.

Corliss, Trees 8(1):7, 16, 1947.

Creighton, Fla. St. Hort. Soc. P. 60. 216, 1947.

1 Daviault, For. Québécoise 10:107-108, 1945.

Decker, Amer. Assoc. Econ. Ent. N.

Cent. Sts. Branch P. 25.10-11, 1946.

AIRCRAFT SPRAYING--Continued.

- Decker et al., J. Ec. Ent. 40:395-400, 1947.
- Dorsey, J. Ec. Ent. 40:810-813, 1947.
- Easter, J. Ec. Ent. 40:633-634, 1947.
- Eide, Wash. St. Hort. Assoc. P. 42: 120-121, 124-125, 128, 1946.
- Fleming, USDA EPQ E-724:7, 1947.
- i French, Agr. Chem. 1(8):18-19, 1946.
- i French, Agr. Engin. 28:240-242, 244, 1947.
- i Graham, B. C. Lumberm. 38:60, 62, 64, 1945.
- Hambidge, Harper's Mag. 190:267, 1945.
- Hinman & Cowan, USDA EPQ E-722:4, 1947.
- Karr et al., Wash. St. Hort. Assoc. P. 43:135-136, 1947.
- Kearns, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:75-76, 1947.
- Kemp, Md. R. 60:15, 1947.
- Kiker & Sparkman, Natl. Malar. Soc. J. 4:215, 1945.
- b Knipling, Natl. Malar. Soc. J. 5:115-117, 120, 1946.
- i Knowlton, Amer. Bee J. 87:434, 1947.
- Linduska & Morton, Amer. J. Trop. Med. 27:774-775, 1947.
- Manis & Shull, Ida. B. 269:31, 1947.
- Newcomer, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:63, 1947.
- Nutter, Ohio St. Hort. Soc. P. 100:209-214, 1947.
- i Olson, Nature Mag. 39:36, 50, 1946.
- O'Neill, Better Fruit 40(8):16, 1946.
- O'Neill, N. Y. St. Hort. Soc. P. 91:94-96, 1946.
- Palm, N. Y. (G.) Farm Res. 11(4):16, 1945.
- i Palm, Agr. Chem. 1(3):18, 62, 1946.
- Peirson & Nutting, Maine For. Serv. C. 6:8, 1945.
- i Popham, Agr. Chem. 1(2):16-19, 63-64; (3):19-20, 1946.
- Potts, Trees 7(5):18, 20, 1947.
- Rasmussen, Ill. St. Hort. Soc. Trans. 79:134-146, 1946.
- Rasmussen, Mich. St. Hort. Soc. R. 75: 30-39, 1946.
- Rasmussen, N. H. Hort. Soc. J. 10:34-35; Mass. Fruit Grow. Assoc. R. 53: 60-62, 1947.
- i Rogers, Oreg. St. For. Bien. R. f. 1944/46:48-53.
- i Sheals, Agr. Chem. 1(5):25, 1946.
- Stage & Irons, USDA YB f. 1943/47: 835-837.
- i Suffolk Co. (N. Y.) Mosq. Exterm. Comn. R. f. 1945/46:4-5, 12.
- i Talbert, Gen. Hort.:231-232, 1946.
- Teske, Va. Fruit 35(1):84-87, 1947.
- i Tisdale, Can. Chem. & Process Indus. 29:73, 77, 1945.
- Tracy, Va. Fruit 35(1):87-92, 1947.
- Vernon, Ill. St. Hort. Soc. Trans. 80: 251-252, 1947.
- Watson et al., Natl. Malar. Soc. J. 5: 195-196, 199, 203, 1946.
- b Weinman & Powell, Ill. St. Hort. Soc. Trans. 80:110-120, 1947.

AIRCRAFT SPRAYING--Continued.

- Weinman et al., J. Ec. Ent. 40:93-94, 1947.
 - Wolfenbarger, J. Ec. Ent. 39:503-505, 1946.
 - Yuill, Ent. Soc. Wash. P. 49:96, 1947. (Abs.)
 - i Makepeace, A. D., Co. et al., Cranberries 11(3):12-13, 1946.
 - U. S. Army Med. Dept. Bul. 4:538, 1945.
 - USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:14, 1947.
 - i U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Im-pound. Water:47:159-160, 164-174, 176, 235-236, 1947.
 - U. S. War Dept. TB Med 194(PB-2436): 25-29, 1945.
 - i U. S. War Dept. TM 5-632 (PB-2435): 21-23, 1945.
- ## AIRCRAFT SPRAYING - APPARATUS
- Annand, USDA EPQ R. f. 1943/44:35, f. 1945/46:16-17; f. 1946/47:23-24.
 - Batchelder, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:23-25, 1947.
 - Craighead & Brown, USDA EPQ E-684 3-4, 1946.
 - Creighton, Natl. Shade Tree Conf. P. 23:119, 1947.
 - i Crunden, Flying 41(6):19-21, 74, 1947.
 - Deonier & Burrell, J. Ec. Ent. 38:425-426, 1945.
 - i Dowden et al., USDA EPQ E-663:3-4, 1945.
 - i Evenden & Jost, USDA EPQ et al., Rpt. of Tussock Moth Control N. Ida. 1947:16-17, [32].
 - French, Blue Anchor 24(4):20-21, 1947.
 - i French, Cal. Agr. 1(11):3-4, 1947.
 - i French, Rice J. 50(3):22-24, 1947.
 - Geib, Cal. Mosq. Control Assoc. P. 125-128, 1947.
 - i Gilbert & Reed, N. J. Mosq. Exterm. Assoc. P. 32:232-233, 1945.
 - i Hall, Air Surg. B. 2:70-73, 1945.
 - i Hemmings, U. S. Nav. Med. Bul. 46. 1296-1301, 1946.
 - Hess, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:9, 1946.
 - i Hoffman & Forbes, Chem. & Engin. News 25:2499-2500, 1947.
 - i Husman et al., Equip. for Dispersal Insectic. by Means of Aircraft, 20 p., 1945.
 - i Husman et al., USDA EPQ ET-228:1-17, 1947.
 - Irons, Agr. Chem. 2(5):25, 69, 1947.
 - Jones et al., J. Ec. Ent. 38:691-692, 1945.
 - i Kruse & Metcalf, U. S. Pub. Health Rpts. 61:1171-1178, 1184, 1946.
 - Lindquist et al., J. Ec. Ent. 38:544, 1945.
 - Lindquist et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:38-39, 1946.
 - i McPeak, Air Surg. B. 2:74-76, 1945.
 - Madden et al., Fla. Ent. 19:6-7, 1946.
 - Mathieson, Hydro News 33(1):26, 1946.
 - Metcalf et al., Cal. Mosq. Control Assoc. P. 15:27, 1947.

AIRCRAFT SPRAYING - APPARATUS--
Continued.

- i Popham, Agr. Chem. 1(2):19-20, 1946.
- i Rice et al., J. Ec. Ent. 39:656-658, 1946.
- Salter, USDA PISAE R. f. 1945/46:58; f. 1946/47:70.
- b Seboria et al., Mosq. News 6:169-177, 1946.
- Sheals & Craighead, Can. Lumberm. 65(7):24, 1945.
- Stage & Irons, USDA YB f. 1943/47. 836-838.
- i Whittall, Better Fruit 40(5):7-9, 1945.
- Wisecup et al., Mosq. News 7:106, 1947.
- i Yeomans & Boden & Bodenstein, USDA EPQ ET-238, 6 p., 1947.
- Yuill et al., J. Ec. Ent. 39:733-734, 1946.
- i Yust, J. Ec. Ent. 39:659, 1946.
- i USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:29-39, 43, 1946.
- i U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:166,168-173,409-410, 1947.
- i U. S. War Dept TB Med 194(PB-2436):25-29, 1945.

AIRCRAFT SPRAYING - AUTOGYRO
Heath, Can. J. Pub. Health 38:406, 1947.

AIRCRAFT SPRAYING - BLIMPS
Huber, N. J. Mosq. Exterm. Assoc. P. 33:111, 1946.

AIRCRAFT SPRAYING - COMBAT AIRCRAFT
Jones et al., J. Ec. Ent. 38:691-693, 1945.

AIRCRAFT SPRAYING - COMMERCIAL OUTLOOK
Rush, U. S. Dept. Com. Indus. Ser. 63. 179-193, 1946.

AIRCRAFT SPRAYING - COSTS
Botsford & Elston, Conn. B. 512:39, 43-44, 1946.
Chandler, Ill. St. Hort. Soc. Trans. 79: 137-139, 143, 1946.
Clarke, N. J. Mosq. Exterm. Assoc. P. 33:78, 1946.
Evenden & Jost, USDA EPQ et al., Rpt. of Tussock Moth Control N. Ida. 1947: b,4-6,11.
Graham, B. C. Lumberm. 29(4):124, 1945.

Metcalf, Cal. Mosq. Control Assoc. P. 15:32, 1947.

Olson, Nature Mag. 39:50, 1946.
Rasmussen, Mich. St. Hort. Soc. R. 75: 32-34, 37, 1946.

Rogers, Oreg. St. For. Bien. R. f. 1944/46:53.

Weiss, N. J. Dept. Agr. R. 32:159, 1947.

Williamson, N. J. Mosq. Exterm. Assoc. P. 34:80, 1947.

AIRCRAFT SPRAYING - DDT

- Anderson, USDA R. Sec. f. 1946:143-144; f. 1947:141.
- Annard, USDA EPQ R. f. 1943/44:7-8, 34; f. 1945/46:4,16-17,34.

AIRCRAFT SPRAYING -DDT--Continued.

- Annard, Miss. Val. Lumberm. 78(48): 11, 1947.
- Bailey, Vt. Comnr. Agr. Bien. R. 23: 81-82, 1946.
- Batchelder, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:23-25, 1947.
- Batchelder & Questel, USDA EPQ E-659:5-11, 1945.
- Bishop, N. Y. Acad. Med. B. 21:570, 1945.
- Bishop, Amer. J. Pub. Health 36:598-600,602, 1946.
- Bradley, Cal. Mosq. Control Assoc. P. 14:18, 1946.
- Chandler, Rice Inst. Pam. 33.248-249, 1946.
- Clapp, U. S. TVA R. 12:55, 1945, 13. 20, 1946.
- Clarke, N. J. Mosq. Exterm. Assoc. P. 33:77-81, 1946.
- Connaughton, USDA FS South. For. Expt. Sta. R. 27:25-26,62-64, 1947.
- Cooke, Conn. B. 512:25, 1946.
- Cottam & Higgins, J. Ec. Ent. 39:44-52, 1946.
- Cottam & Higgins, U. S. Dept. Int. C. 11,14 p., 1946.
- Couch, N. Amer. Wildlife Conf. Trans. 11.325-329, 1946.
- Craighead & Brown, USDA EPQ E-649:2-3, 1945.
- Craighead & Brown, USDA EPQ E-684,14 p., 1946.
- i Crunden, Flying 41(6):19-21,72,74, 1947.
- Davault, For. Québécoise 9:14-15, 1945.
- i Davault, Quebec Min. Lands & For. R. f. 1945/46:117-120, 1947.
- DeGryse, For. Ent. in Can.:7, 1947.
- Dowden, USDA EPQ E-726,13 p., 1947.
- i Dowden et al., USDA EPQ E-663,13 p., 1945.
- DuToit, Sci. News Let. 52:317, 1947.
- Eads, J. Ec. Ent. 39:420, 1946.
- Eckert, Cal. Mosq. Control Assoc. P. 14:26, 1946.
- Erickson, U. S. Pub. Health Rpts. 62. 1255-1256,1261, 1947.
- Foss, N. Y. St. Conserv. Dept. R. 36: 73-77, 1946.
- i Friend, Yale Sci. Mag. 20(3):13,16, 1945.
- Gardiner, Can. Min. Agr. R. f.1945/46: 16,72-73, f. 1946/47:90-91.
- Gouck & Smith, J. Ec. Ent. 40:306-308, 1947.
- Graham et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:86-87,1947.
- Guyton, For. Leaves 37(1):10-11,1947.
- i Hall, Air Surg. Bul. 2:70-73, 1945.
- i Hall, Amer. For. 52:186-188, 1946, 53:11,46-47, 1947.
- Hall, Timberm. 48(6):48, 1947.
- bi Hess & Keener, J. Wildlife Mangt. 11: 1-10, 1947.
- b Hoffmann, Natl. Shade Tree Conf. P. 22:308-311, 1946.
- Horst, Sci. News Let. 47:388, 1945.
- bi Hurlbut et al., U. S. Nav. Med. Bul. 47:368-379, 1947.

AIRCRAFT SPRAYING - DDT --Continued.

- Hutzel, Mosq. News 6:37, 1946.
- Hutzel, Sci. Month. 62:417-420, 1946.
- Kernan, Amer. For. 51:111-112, 143, 1945.
- Knippling, Natl. Malar. Soc. J. 4:89-91, 1945.
- Knippling, J. Ec. Ent. 39:362-364, 1946.
- b Kruse & Metcalf, U. S. Pub. Health Rpts. 61:1171-1184, 1946.
- i Leslie, Can. Geog. J. 31:188, 193-197, 1945.
- Lindquist & McDuffie, J. Ec. Ent. 38: 545-548, 1945.
- i Lindquist et al., J. Ec. Ent. 38:541-544, 1945.
- Logue & O'Connell, U. S. Nav. Med. Bul. 44:879-882, 1945.
- i McPeak, Air Surg. Bul. 2:74-76, 1945.
- Madden et al., Fla. Ent. 19:5-10, 1946.
- i Mast, Agr. Leaders' Digest 27(9):12-13, 1946.
- Maxwell, Cal. Mosq. Control Assoc. P. 14:21-23, 1946.
- Maynard, Natl. Shade Tree Conf. P. 22. 129-134, 1946.
- Metcalf et al., U. S. Pub. Health Rpts. 60:767-771, 1945.
- Metcalf et al., Cal. Mosq. Control Assoc. P. 15:26-34, 1947.
- Mulhern, N. J. Mosq. Exterm. Assoc. P. 33:96, 99, 101, 1946.
- i Norris, U. S. Navy Hosp. Corps Quart. 18(4):2-3, 1945.
- R., Amer. Nurserym. 82(2):47, 1945, 83(11)38, 1946.
- Rex, For. Leaves 37(3/4):8, 1947.
- Rice, Assoc. Méd. P. R. Bol. 39:171-172, 1947.
- Salter, USDA PISAE R. f. 1944/45:16.
- b Schreuder & Sullivan, Air. Surg. B. 2:67-68, 1945.
- i Shackleton, For. & Outdoors, Aug. 1947:238.
- Sheals, J. For. 45:712-714, 1947.
- Sheals & Craighead, Can. Lumberm. 65(7):24, 1945.
- Simmons et al., Mosq. News 7:142-143, 1947.
- Slate, Conn. R. f. 1944/45:25, f. 1945/46:14.
- Stage, Cal. Mosq. Control Assoc. P. 14:9, 11-12, 1946.
- i Standen, Life 21(2):52, 54, 1946.
- Terres, New Repub. 114:415, 1946.
- Trafton, Maine Dept. Agr. Bien. R. f. 1944/46:69.
- Watts, Miss. Val. Lumberm. 78(27):6, 1947.
- Watts, USDA FS R. f. 1947:27.
- Weiss, N. J. Dept. Agr. R. 31:148, 1946.
- Weiss, N. J. Dept. Agr. R. 32:159-160, 1947.
- i White & Graffeo, U. S. Navy Hosp. Corps Quart. 18(12):37-39, 1945.
- b Wisecup et al., J. Ec. Ent. 38:686-688, 1945.
- b Wisecup et al., Mosq. News 7:103-108, 1947.

AIRCRAFT SPRAYING - DDT --Continued.

- Wright, Down to Earth 3(1):3-4, 1947.
- Yuill et al., Cal. Mosq. Control Assoc. P. 14:44-52, 1946.
- i Yuill, South. Lumberm. 174(2187): 46, 48, 1947.
- Yust, J. Ec. Ent. 40:767-768, 1947.
- U. S. Army Med. Dept. Bul. 85:38, 1945.
- USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:29-44, 1946.
- U. S. Navy, BUMED News Let. 9(2):5, 1947.
- U. S. Pub. Health Serv., Ofic. Sanit. Pan Amer. Union B. 26:774, 1947.
- i U. S. War Dept. TB Med 194(PB-2436):25-29, 1945.
- AIRCRAFT SPRAYING - DDT & KERO-SENE
- Pratt, U. S. Pub. Health Rpts. Sup. 200:8, 1947.
- Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 33:83-84, 1946?
- AIRCRAFT SPRAYING - DDT & OIL
- i Bodine, Amer. For. 53:440-443, 1947.
- Botsford & Elston, Conn. B. 512:38-39, 42-45, 1946.
- Bunn, Mil. Surg. 101:42-43, 1947.
- Cottam, Cal. Mosq. Control Assoc. P. 14:29-35, 1946.
- Cottam, J. Ec. Ent. 39:44-52, 1946.
- Elmendorf et al., Amer. J. Trop. Med. 27:137-144, 1947.
- Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:17-18, 1946.
- Griffiths, J. Ec. Ent. 39:750-755, 1946.
- Hart, N. J. Mosq. Exterm. Assoc. P. 34:57-58, 1947.
- Hotchkiss & Pough, J. Wildlife Mangt. 10:202-207, 1946.
- Lee, N. J. Mosq. Exterm. Assoc. P. 34: 70-71, 1947.
- Marshall, U. S. War Dept. TB Med 164: 9, 1945.
- Peters, N. J. Mosq. Exterm. Assoc. P. 34:113, 1947.
- Stickel, J. Wildlife Mangt. 10:216-218, 1946.
- Swanson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:13-17, 1946.
- Vannote, Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:23-24, 1946.
- Wernham, Wis.-Upper Mich. For. News Let. 3(2):13, 1946.
- Williamson, N. J. Mosq. Exterm. Assoc. P. 34:79-81, 1947.
- Williamson et al., N. J. Mosq. Exterm. Assoc. P. 33:25-29, 1946.
- U. S. Army Med. Dept. Bul. 6:30, 243-244, 353, 1946.
- AIRCRAFT SPRAYING - DDT MIXTURES
- Jones et al., J. Ec. Ent. 38:691-693, 1945.
- Kendelgh, Ont. Dept. Lands & For. Div. Res. Biol. B. 1:14-15, 1947.
- Nelson & Surber, U. S. Dept. In. Fish & Wildlife Serv. Sp. Sci. R. 41:1-5, 8, 1947.
- i Stage, Mosq. News 6:12-13, 1946.
- Travis et al., J. Ec. Ent. 39:726-728, 1946.

AIRCRAFT SPRAYING - DDT MIXTURES
 --Continued.
 Washburn, N. J. Mosq. Exterm. Assoc. P. 34:65-66, 1947.
 Wiseup et al., Mosq. News 6:20-24, 1946.

AIRCRAFT SPRAYING - FLORIDA (ORLANDO)
 Lindquist, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.5-6, 1946.

AIRCRAFT SPRAYING - HELICOPTER
 Annand, USDA EPQ R. f. 1944/45:6
 Cooke & Friend, Conn. B. 501 28-29, 1946.

Craighead & Brown, USDA EPQ E-684.10-11, 1946.
 Franklin, Mass. B. 441.28, 1947.
 Hall, Amer. For. 53.46, 1947.
 i Husman et al., USDA EPQ ET-228 13, 1947.
 Kelley, N. Y. St. Hort. Soc. P. 91 92-94, 1946.
 Marshall & Miles, Wash. St. Hort. Assoc. P. 43:109-112, 1947.
 i Mathieson, Hydro News 33(1) 24-26, 1946.
 i Palm, Agr. Chem. 1(3):18,62, 1946.
 Sehora et al., Mosq. News 6 173, 1946.
 Slate, Conn. R. f. 1944/45 13,25.
 i Whitnall, Better Fruit 41(8) 8,18, 1947.
 Yuill et al., Cal Mosq. Control Assoc. P. 14 44-52, 1946.
 bi Yuill et al., J. Ec. Ent. 39 729-734, 1946.
 Yuill et al., U. S. Navy BUMED News Let. 7(7) 15, 1946
 i Zappe et al., Conn. B. 501 37-47, 1946.
 Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 33 83-84, 1946?

AIRCRAFT SPRAYING - MILITARY ZONES
 Wiseup, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 6-8, 1946.

AIRCRAFT SPRAYING - PIPER CUB AIRPLANE
 Travis et al., J. Ec. Ent. 39.726-728, 1946.

AIRCRAFT SPRAYING & PARTICLE SIZE
 Potts, Ohio St. Hort. Soc. P. 100.200-202, 1947.

ALABAMA ARGILLACEA (Hbn.) (COTTON LEAFWORM)*
 Annand, New Internatl. YB 1944-297, 1945.
 Condit, Fig:185, 1947.
 Dunlavy et al., Okla. B. 302:6, 1946.
 Harned, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:15, 1946.
 i Lincoln & Isely, Ark. Ext. C. 436:5, 7-10, 1945.
 Loftin, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:12, 1945.
 Lyle, Miss. Farm Res. 8(5):7-8, 1945.
 Starnes, Agr. Flying; Ground School Curriculum Offered in Conjunction with Crop Dusting Training:5-6, 1947.
 i USDA EPQ Picture Sheet 19, 2 p., 1946.

ALABAMA ARGILLACEA - INSECTICIDES
 Annand, USDA EPQ R. f. 1944/45:16, f. 1945/46:7,10, f. 1946/47:13-14.
 Ewing et al., Assoc. South. Agr. Workers P. 44.124-125, 1947. (Abs.)
 Ewing et al., J. Ec. Ent. 40:374,378, 380-381, 1947.
 Gaines & Dean, J. Ec. Ent. 40:454, 1947.
 Ivy & Ewing, J. Ec. Ent. 39.38-39, 1946, 40:568-569, 1947.
 Ivy et al., J. Ec. Ent. 40.514-515,517, 1947.
 i King, Tex. Ext. B. 154.1,7-8, 1947.
 i Stiles, Okla. Ext. C. 430.10-11, 1946.
 Trullinger et al., USDA OES R. f. 1945/46:111, 1947.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 12, 1947.

ALABAMA ARGILLACEA - INSECTICIDES - DDT
 Ivy & Ewing, J. Ec. Ent. 38 276, 1945.
 Loftin, USDA EPQ E-657.1-2, 1945.

ALAPTUS GLOBOSICORNIS Gir.
 Pemberton, Hawaiian Planters' Rec 50 131,135,138, 1946

*ALASKA SPRUCE BEETLE, see DENDROCTONUS BOREALIS Hopk.

ALAU OCULATUS (L.) (EYED CLICK BEETLE)* - LARVAE
 i Jewett, Ky. B. 489 16, 1946.

ALBIORIX Chamberlin
 bnk Hoff, Amer. Mus. Nov. 1277, 1945. 12 p.

*ALDER FLEA BEETLE, see ALTICA AMBIENS (Lec.)

ALDER SAWFLY, see ARGE MACLEAYI (Leach)

ALEUROCANTHUS WOGLUMI Ashby (CITRUS BLACKFLY)*
 Bolivar Pieltain, Ciencia 8 83-84, 1947.
 Brown, Fla. St. Hort. Soc. P. 60 78-79, 1947.
 Dodd, USDA EPQ SRA 166:2-3, 1947.
 Lauderdale, Ariz. St. Ent. R. f. 1946/47:32.
 i Osorio, Control de Plagas [Habana] 8.37,39-41,43,60-62,76-77, 1946.
 Wene, Lower Rio Grande Val. Cit. & Veg. Inst. P. 2 108-109, 1947.
 i Woglum & Smith, Cal. Citrog. 32: 412-415, 1947.

ALEUROCANTHUS WOGLUMI - ERADICATION
 Lyle, J. Ec. Ent. 40.3, 1947.

ALEUROCANTHUS WOGLUMI - INSECTICIDES
 Annand, USDA EPQ R. f. 1944/45:12, f. 1946/47:12.
 b Plummer & Shaw, J. Ec. Ent. 40: 499-504, 1947.

ALEUROCANTHUS WOGLUMI - MEXICO
 Annand, USDA EPQ R. f. 1946/47:33.
 Smith, Fitófilo 4:67-103, 1945.

ALEUROCANTHUS WOGLUMI - PARASITES
 Annand, USDA EPQ R. f. 1945/46:22.
 Gomez, Fitófilo 4:132, 1945.

- ALEUROCANTHUS WOGLUMI** - PARASITES--Continued.
Osorio, Control de Plagas [Habana] 8: 60-62, 1946.
Smith, Fitófilo 4.87-102, 1945.
- ALEUROCYBOTUS** sp.
Annand, USDA EPQ R. f. 1944/45:30.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.
- ALEUROIDICUS ANTILLENIS** Doz., A. COCOIS (Curt.), A. GRISEUS Doz., A. MINIMUS Quaint.
Martorell, P. R. Univ. J. Agr. 29:414, 1945.
- ALEUROPLATUS VINSONIOIDES** (Ckll.)
Martorell, P. R. Univ. J. Agr. 29:414-415, 1945.
- ALEUROTHRIXUS FLOCCOSUS** (Mask.) (WOOLY WHITEFLY)*
Martorell, P. R. Univ. J. Agr. 29:414, 1945.
- ALEUROTHRIXUS MYRTACI** Bondar
Annand, USDA EPQ R. f. 1945/46:60, 1947; f. 1946/47:68.
- ALEYRODES AZALEAE** Baker & Moles (AZALEA WHITEFLY)*
Eddy, R. I. Dept. Agr. & Conserv. R. 10:55, 1945.
- ALEYRODES SHIZUOKENSIS** Kuw.
Zimmerman, Hawaiian Ent. Soc. P. 12. 486, 1946.
- ALEYRODES SPIRAEOIDES** Quaint. (IRIS WHITEFLY)
Heming, in Cal. Fuchsia Soc., A to Z on Fuchsias:14-15, 1946.
Zimmerman, Hawaiian Ent. Soc. P. 12. 486, 1946.
- ALEYRODES SPIRAEOIDES** - POTATOES
Landis & Getzendaner, J. Ec. Ent. 40:567, 1947.
- ALEYRODIDAE**
ni Russell, Wash. Acad. Sci. J. 35:55-65, 1945.
ni Sampson, Pan-Pac. Ent. 21:58-62, 1945.
- ALEYRODIDAE**, see also WHITEFLIES
ALEYRODOIDEA
Sampson, Bklyn. Ent. Soc. B. 42:45-50, 1947.
- ***ALFALFA CATERPILLAR**, see COLIAS PHILODICE EURYTHEME Bdl.
- ALFALFA DWARF DISEASE**, see under genera DRAECULACEPHALA; NEOKOLLA; and LEAFHOPPERS & PLANT DISEASE - ALFALFA DWARF DISEASE
- ALFALFA INSECTS**
Annand, New Internatl. YB 1944:296, 1945.
Friant, W. Va. Ext. C. 312 rev.:12-13, 1945.
Grandfield & Throckmorton, Kans. B. 328:56-60, 1945.
Gui, Ohio B. 673:47, 1947.
Pepper, N. J. B. 718:37-39, 1945.
Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:24.
Steinweden, Cal. Dept. Agr. B. 34:183, 1945.
- ALFALFA INSECTS - INSECTICIDES**
b Allen et al., J. Ec. Ent. 38:389-390, 1945.
- ALFALFA INSECTS - INSECTICIDES--Continued.**
Brett & Rhoades, J. Ec. Ent. 39:677-678, 1946.
Drake, Iowa Dept. Agr. YB 47:131-141, 151-157, 1947.
Hixson, Neb. Ext. C. 1551, 4 p., 1947.
Lieberman, Utah Farm & Home Sci. 6(3):3-4, 1945.
Medler & Scholl, J. Ec. Ent. 40:579-581, 1947.
Sorenson & Carlson, Utah Farm & Home Sci. 6(3):5, 11, 1945.
Wis. Agr. Expt. Sta., Some Insectic. in Wis. in 1947:1-2. (Sp. C.)
- ALFALFA INSECTS - INSECTICIDES - DDT**
Annand, USDA EPQ R. f. 1945/46:5.
Wilsie, Iowa R. f. 1946/47, pt. 1:84-85.
- ALFALFA INSECTS - TRAP STRIPS**
Scholl & Medler, J. Ec. Ent. 40:448-450, 1947.
- ALFALFA LEAFHOPPER**, see ACERATAGALLIA FUSCOSCRIPTA Oman
- ***ALFALFA PLANT RUG**, see ADELPHOCORIS LINEOLATUS (Goeze)
- ALFALFA SEED CHALCID**, see BRUCHOPHAGUS GIBBUS (Boh.)
- ***ALFALFA SNOUT BEETLE**, see BRACHYRHINUS LIGUSTICI (L.)
- ***ALFALFA WEBWORM**, see LOXOSTEGE COMMIXTALIS (Wlkr.)
- ***ALFALFA WEEVIL**, see HYPERA POSITICA (Gyll.)
- ALFALFA YELLOW**, see EMPOASCA FABAE & ALFALFA YELLOW
- ***ALLEGHENY MOUND ANT**, see FORMICA EXSECTOIDES Forel
- ALLERGY, INSECT-CAUSED**, see INSECTS & DISEASE - ALLERGY
- ALLOCORIS PULICARIA** (Germ.), see CORIMELAENA PULICARIA (Germ.)
- ALLODERMANYSSUS SANGUINEUS** (Hirst) & RICKETTSIALPOX
Fisher, Pests 15(11):24, 1947.
b Greenberg & Pellitteri, N. Y. Acad. Med. B. 23:349-351, 1947.
b Greenberg et al., Amer. J. Pub. Health 37:863-868, 1947.
Huebner, Amer. J. Clin. Path. 17:970-971, 1947.
b Huebner et al., U. S. Pub. Health Rpts. 61:1677-1682, 1946. 62:777-780, 1947.
- ALLOTHRIPS FLAVUS** Watson ms.
Watson, Fla. Ent. 28:35, 1945.
- ALLOTHRIPS NUBILLICAUDA** Watson
Watson, Fla. Ent. 28:35, 1945.
- ALLOTROPA** sp.
Cutright, Ohio B. 659:107, 1945.
- ALLOTROPA BURRELLI** Mues.
Annand, USDA EPQ R. f. 1944/45:24; f. 1945/46:23; v. 1946/47:25.
Clancy, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:8, 1945.
Hough et al., J. Ec. Ent. 38:424-425, 1945.
MacCreary, Del. B. 263:27, 1947.
Rice et al., Del. B. 259:23, 1945.

- ALLOTROPA BURRELLI --Continued.
Sakimura, Hawaiian Ent. Soc. P. 13:
9, 1947.
- ALLOTROPA CONVEXIFRONS Mues.
Annand, USDA EPQ R. f. 1946/47:25.
Brigham, Conn. Pom. Soc. P. 56 94,
1947.
- MacCreary, Del. B. 263:27, 1947.
Rice et al., Del. B. 259:23, 1945.
Sakimura, Hawaiian Ent. Soc. P. 13:9,
1947.
- Slate, Conn. R. f. 1945/46 12.
- ALLOTROPA UTILIS Mues.
Annand, USDA EPQ R. f. 1943/44:24.
Clancy & Pollard, J. Ec. Ent. 40 578,
1947.
- Wishart, Ent. Soc. Ont. R. 77:36, 1947
- ALMOND INSECTS
i Lamiman & Smith, Cal. Ext. C. 103
rev. 66-74, 1947.
- Smith & Wilson, Almond Facts 10(1)
1, 3, 1946.
- Spurlock, Almond Facts 10(3) 4, 1946.
Swanson & Michelbacher, in Cal. Agr.
Expt. Sta., Invest. with DDT in Cal.
1944 6-7, 1945.
- USDA Tree Nuts Advisory Comm., Rpt.
& Recom. under Res. & Mktg. Act
of 1946 4-5, 1947
- ALMOND MITE, see BRYOBIA PRAETI-
OSA Koch
- *ALMOND MOTH, see EPHESTIA CAU-
TELLA (Wlkr.)
- ALOBATES PENNSYLVANICA (Deg.) -
PUPAE
i Daggy, Ind. Acad. Sci. P. 56 256,
1947?
- ALOSTERNA CAPITATA (Newm.)
Knull, Ohio Biol. Surv. B. 39 156-157,
1946.
- ALOSTERNA CHALYBAEA (Hald.)
i Knull, Ohio Biol. Surv. B. 39 156,
1946.
- ALPHITOPHAGUS BIFASCIATUS (Say) -
PUPAE
i Daggy, Ind. Acad. Sci. P. 56:254,
1947?
- ALPINE ROCK CRAWLER, see GRYL-
LOBLATTA CAMPODIEFORMIS
Wlkr.
- ALSOPHILA POMETARIA (Harr.) (FALL
CANKERWORM)*
i Boyd, N. J. Dept. Agr. C. 355:24-25,
1945.
- Bromley, Horticulture 25:18,20, 1947.
Dewey, N. Y. St. Hort. Soc. P. 92:58,
1947.
- Farrar, Arbor. News 11:43, 1946.
Headstrom, Horticulture 24:340-341,
1946.
- Heming, in Cal. Fuchsia Soc., A to Z
on Fuchsias:14-15, 1946.
- Parker, Kans. Bien. R. 13:64, 1946.
Smith, Cal. Ext. C. 46 rev.:42, 1947.
- ALSOPHILA POMETARIA - CANADA
Balch & Reeks, N. B. Dept. Lands &
Mines R. 108:110, 1945; 109:125,
1946; 110:66, 1947.
- Bird & Mitchener, Can. Ins. Pest Rev.
24:71, 1946.
- ALSOPHILA POMETARIA - CANADA--
Continued.
Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
45, 1947.
- Gardiner, Can. Min. Agr. R. f.
1946/47:94.
- Gauthier, Can. Ins. Pest Rev. 24:32,
1946.
- Harrison, N. S. Dept. Lands & For. R.
f. 1944 42, 1945, f. 1945:37, 1946.
- Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:38, 1947.
- Lejeune, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1945 47-48, 1946.
- Lejeune, Can. Ins. Pest Rev. 24 77-78,
1946.
- McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946.
59, 1947.
- Manson et al., Can. Ins. Pest Rev. 24
99, 1946.
- Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:53, 1945.
f. 1945:54, 1946.
- Peterson, Can. Ins. Pest Rev. 24 112,
1946.
- Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:68, 1947.
- Peterson et al., Can. Ins. Pest Rev.
25:44-45, 1947.
- Reeks, Can. Ins. Pest Rev. 24:28, 1946.
- Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:8, 1945,
f. 1945:10, 1946, f. 1946:10-11, 1947.
- Richmond & McGuffin, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1944:
8, 1945.
- Thompson, Can. Ins. Pest Rev. 24:42,
1946.
- Watson, Can. Ins. Pest Rev. 24:65,
1946.
- Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945
29, 1946.
- Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946.
37, 1947.
- ALSOPHILA POMETARIA (Harr.) -
PARASITES
Schread, Conn. B. 488:416-418, 1945.
- ALSOPHILA POMETARIA - SPRAYS
Houser, Amer. Fruit Grow. 67(6):17,
1946.
- Smith, Cal. Ext. C. 98 rev.:48, 1946.
- ALSOPHILA POMETARIA (Harr.) -
SPRAYS - DDT
Craighead & Brown, USDA EPQ E-
649:6, 1945.
- ALSOPHILA POMETARIA & DUTCH
ELM DISEASE
Zentmyer et al., Conn. B. 498:20-21,
1946.
- ALTERNARIA LEAF BLIGHT OF HEVEA,
see TOMASPIS INCA & ALTERNA-
RIA LEAF BLIGHT OF HEVEA
- ALTICA
Peterson & Sandercock, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:71,
1947.

- ALTICA** sp.
Peterson, Can. Ins. Pest Rev. 25:50, 1947.
- ALTICA AMBIENS** (Lec.) (ALDER FLEA BEETLE)*
Annand, USDA EPQ R. f. 1945/46:12.
Hawboldt, N. S. Dept. Lands & For. R. f. 1945/46:39, 1947.
- ALTICA AMBIENS ALNI** Harr.
Harrison, N. S. Dept. Lands & For. R. f. 1945:38, 1946.
Reeks et al., Can. Ins. Pest Rev. 25:50, 1947.
- ALTICA BIMARGINATA** Say
Peterson, Can. Ins. Pest Rev. 24:110, 1946.
- ALTICA CHALYBEA** (Ill.) (GRAPE FLEA BEETLE)*
Dickey et al., Fla. B. 436:42, 1947.
i Hartzell, N. Y. (G.) Farm Res. 13 (4):13, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:47-48, 1946.
Ross & Armstrong, Can. Dept. Agr. Sci. Serv. Div. Ent. Processed Pub. 26:6, 1945.
Talbert, Gen. Hort.:191-192, 1946.
- ALTICA POTENTILLAE**, A. RIBIS ni Brown, Can. Ent. 78:51-53, 1946.
- ALTICA SYLVIA** Mall. - DUSTS - DDT
Lathrop & Knight, Maine B. 449:425, 1947.
- ALTICA TORQUATA** Lec.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:20.
- ALTICA ULMI** Woods
Bailey, Vt. Commr. Agr. Bien. R. 23:86-87, 1946.
- ALYDUS EURINUS** Say, see **CORISCUS EURINUS** (Say)
- ALYDUS PILOSULUS** H.-S., see **CORISCUS PILOSULUS** (H.-S.)
- ALYPIA OCTOMACULATA** (F.) (EIGHT-SPOTTED FORESTER)*
Peterson, Can. Ins. Pest Rev. 24:111, 1946; 25:110, 1947.
- AMARYLLIS** INSECTS
i Russell, Horticulture 24:198, 1946.
- AMATHES C-NIGRUM** (L.) (SPOTTED CUTWORM)*
i Muma, Neb. Ext. C. 1537:17, 1946.
Oldroyd, Alaska R. 10:52-53, 1947.
i Walton, USDA FB 739 rev., 7 p., 1946.
- AMAUROBIIDAE** - NORTH AMERICA
nik Chamberlin, Utah Univ. B. 38(8), 41 p., 1947.
- AMAUROBIUS** (BENNETTI GROUP)
nik Chamberlin & Ivie, Ent. Soc. Amer. Ann. 40:29-55, 1947.
- AMAZON FLY**, see **METAGONISTYLUM MINENSE** Towns.
- AMBLYCERUS** Thunb. - NOMENCLATURE
Bradley, Bklyn. Ent. Soc. B. 41:97-99, 1946.
- AMBLYCERUS MARTORELLI** Bridw.
i Martorelli, P. R. Univ. J. Agr. 29:446-449, 1945.
- AMBLYCORYPHA OBLONGIFOLIA** (Deg.)
b Moul, Ent. News 58:4-6, 1947.
- AMBLYMERUS** sp.
Baker & Doucette, Wash. B. 470:149, 1945.
- AMBLYMERUS VERDITOR** (Nort.)
Coppel, Ent. Soc. Ont. R. 77:40, 1947.
Picard, Quebec Min. Lands & For. R. f. 1944/45:113, 1946.
- AMBLYOMMA** sp. & **SCRUB TYPHUS**
Blake et al., Amer. J. Hyg. 41:299, 1945.
- AMBLYOMMA AMERICANUM** (L.) (LONE STAR TICK)*
Archer, Miss. Doctor 25:176-177, 1947.
Bishopp & Trembley, J. Parasit. 31:2-5, 1945.
Brennan, Tex. Rpts. Biol. & Med. 3:213-216, 1945.
Haseman, Mo. B. 510:33, 1947.
i Hixson, Okla. Ext. C. 387 rev.:25-26, 1946.
MacCreary, Del. B. 252:18, 1945.
Portman, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:49-51, 1946.
Smith & Parish, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944. 17, 1945.
- AMBLYOMMA AMERICANUM** - CONTROL, CULTURAL
Jardine et al., USDA OES R. f. 1944/45:52.
i Portman, Mo. C. 297, 4 p., 1945.
- AMBLYOMMA AMERICANUM** - HOSTS
Brennan, Tex. Rpts. Biol. & Med. 3:216-224, 1945.
- AMBLYOMMA AMERICANUM** - HOSTS - FOXES
Portman & Dalke, J. Ec. Ent. 38:397, 1945.
- AMBLYOMMA AMERICANUM** - HOSTS - RACCOONS
Portman, J. Ec. Ent. 40:450, 1947.
- AMBLYOMMA AMERICANUM** - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:9; f. 1945/46:8, f. 1946/47:17-18, 20.
Knippling, Iowa St. Col. J. Sci. 22:47-49, 1947.
Portman, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:39-40, 1947.
Portman, J. Ec. Ent. 40:134-135, 1947.
Roberts, J. Ec. Ent. 39:539, 1946.
- AMBLYOMMA AMERICANUM** - INSECTICIDES - DDT
Dove, USDA EPQ E-673:11, 1945.
Gouck & Smith, J. Ec. Ent. 40:303, 305-308, 1947.
Sanders & Tissot, Fla. R. f. 1945/46:64.
Smith & Gouck, J. Ec. Ent. 38:553-555, 1945.
Telford & Guthrie, Agr. Chem. 1(3):31, 1946.
- AMBLYOMMA AMERICANUM** - REACTION TO LIGHT
Granett & Sacktor, J. Ec. Ent. 40:259-263, 1947.
- AMBLYOMMA AMERICANUM** - REPELLENTS
Annand, USDA EPQ R. f. 1944/45:19, 1946.

**AMBLIOMMA AMERICANUM - REPEL-
LENTS-- Continued.**

- Brennan, U. S. Pub. Health Rpts. 62:
1162-1165, 1947.
i Granett & Sacktor, J. Ec. Ent. 40:
259-263, 1947.
Smith & Gouck, J. Ec. Ent. 39:374-
378, 1946.

**AMBLIOMMA AMERICANUM - TOXIC
EFFECT OF MAN**

- Brennan, J. Parasit. 33 491-494, 1947.

**AMBLIOMMA AMERICANUM & BULLIS
FEVER**

- bi Brennan, Tex. Rpts. Biol. & Med.
3:204-226, 1945.
Miller, Cornell Vet. 37 124-126, 128,
1947.
bi Pollard et al., Amer. J. Trop. Med.
26:175-176, 180-187, 1946.
**AMBLIOMMA AMERICANUM & ROCKY
MOUNTAIN SPOTTED FEVER**
Beach & Ravenel, S. C. Med. Assoc. J
41 249, 1945.
Faust, Miss. Doctor 22:309, 1945.
Topping, N. Y. St. J. Med. 47 1585,
1947.

**AMBLIOMMA AMERICANUM & TICK
PARALYSIS**

- Swartzwelder & Seabury, J. Parasit.
33(6 sect. 2) 22-23, 1947. (Abs.)

**AMBLIOMMA AMERICANUM & TULA-
REMIA**

- i Archer, Ala. Conserv. 18(6).8, 1946.
bi Warring & Ruffin, N. Eng. J. Med.
234:137-140, 1946.

AMBLIOMMA BONETI Hoffman

- ni Hoffman, Rev. Inst. Salub. y Enferm.
Trop. Mex. 7:207-220, 1946.

**AMBLIOMMA CAJENNENSE (F.) (CAY-
ENNE TICK)***

- Bishopp & Trembley, J. Parasit. 31
5-6, 1945.

**AMBLIOMMA CAJENNENSE & BRUCEL-
LOSIS**

- b Tovar, Amer. J. Vet. Res. 8 138-140,
1947.

**AMBLIOMMA CAJENNENSE & ROCKY
MOUNTAIN SPOTTED FEVER**

- bi Bustamante & Varela, Rev. Ins.
Salub. y Enferm. Trop. Mex. 7 75-
78, 1946, 8:6-7, 11, 1947.

- Carter, Frontiers 9:134, 1945.

AMBLIOMMA DISSIMILE Koch

- Bequaert, Bklyn. Ent. Soc. B. 40:129,
1945.

- Bishopp & Trembley, J. Parasit. 31:
6-7, 1945.

AMBLIOMMA HUMERALE Koch

- Bilising & Eads, J. Parasit. 33:85-86,
1947.

**AMBLIOMMA MACULATUM Koch
(GULF COAST TICK)***

- Archer, Miss. Doctor 25:177, 1947.
Bishopp & Trembley, J. Parasit. 31.
7-10, 1945.
MacCreary, Del. B. 252:18, 1945.
Parish, USDA EPQ Ins. Pest Surv. Sum.
of Ins. Conditions in 1944:18, 1945.

**AMBLIOMMA MACULATUM - INSECTI-
CIDES - DDT**

- Annard, USDA EPQ R. f. 1943/44:23;
f. 1945/46:9; f. 1946/47:19.

**AMBLIOMMA MACULATUM - INSECTI-
CIDES - DDT--Continued.**

- Blakeslee & Bruce, USDA EPQ E-719,
3 p., 1947.

- Blakeslee et al., J. Ec. Ent. 40 664-
666, 1947.

- Dove, USDA EPQ E-673:10-11, 1945.

- Matthysse, J. Ec. Ent. 39:65, 1946.

- Rude, USDA EPQ E-686, 3 p., 1946.

- Rude, J. Ec. Ent. 40:303-308, 1947.

- Sanders & Tissot, Fla. R. f. 1945/46

- 64, f. 1946/47 58,61,68-69.

- Telford & Guthrie, Agr. Chem. 1(3)
31, 1946.

**AMBLIOMMA MACULATUM & TULA-
REMIA**

- Archer, Ala. Conserv. 18(6) 8, 1946.

AMBLIOMMA TUBERCULATUM Marx

- Bishopp & Trembley, J. Parasit. 31.
10, 1945.

**AMBLYSIRTES OSLARI (Skin.) - KAN-
SAS**

- Stallings & Turner, Kans. Ent. Soc. J.
19 110, 1946.

AMBLYTELES sp.

- Bohart, Hilgardia 17:296, 1947.

- Wallace, Conn. B. 488:389, 1945.

AMBLITYLUS NASUTUS (Kirschb.)

- Cooper, Ky. R. 57:23, 1945, 58 34,

- 1946, 59 35, 1947.

- Jardine et al., USDA OES R. f. 1943 44

- 47-48, 1945.

- bi Jewett & Townsend, Ky. B. 508:3,8-

- 16, 1947.

AMBROSIA BEETLES

- Annard, USDA EPQ R. f. 1946/47 16.

- bik Beal & Massey, Duke Univ. School

- For. B. 10:35,47-50, 1945.

- Connaughton, USDA FS South. For.

- Expt. Sta. R. 26:44,60,1946, 27 65-

- 66, 1947.

- Nash, Timber of Can. 6(11) 64, 1946.

AMBROSIODMUS LECONTEI Hopk.

- i Beal & Massey, Duke Univ. School

- For. B. 10:147-148, 1945.

- Martorelli, P. R. Univ. J. Agr. 29 470,

- 1945.

AMBROSIODMUS LINDERAE Hopk.

- Beal & Massey, Duke Univ. School For.

- B. 10:148-149, 1945.

AMBROSIODMUS TACHYGRAPHUS

- (ZIMM.)

- Beal & Massey, Duke Univ. School For.

- B. 10:49, 1945.

AMBRYSSUS Stål

- m Usinger, Kans. Univ. Sci. B. 31:185-

- 209, 1946.

**AMEBIASIS, see COCKROACHES & DIS-
EASE - AMEBIASIS**

**AMERICAN ASSOCIATION FOR THE AD-
VANCEMENT OF SCIENCE - HEAD-
QUARTERS**

- i Campbell, Sci. Month. 62:555-558,

- 1946.

- i Carlson et al., Science 103:591-592,

- 1946.

AMERICAN CASTOR BEAN TICK, see

- IXODES COCKEI Pack.**

***AMERICAN COCKROACH, see PERI-
PLANETA AMERICANA (L.)**

***AMERICAN DAGGER MOTH, see ACRO-
NICTA AMERICANA (Harr.)**

*AMERICAN DOG TICK, *see* DERMA -
CENTOR VARIABILIS (Say)

*AMERICAN GRASSHOPPER, *see*
SCHISTOCERCA AMERICANA
(Drury)

AMERICAN POPLAR LEAF BEETLE,
see PHYTODECTA AMERICANA
Schaeff.

AMETASTEGIA PALLIPES (Spin.) (VIO-
LET SAWFLY)*
Manson, Can. Ins. Pest Rev. 25:108,
1947.

AMITERMES sp.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:22.

AMMOBAENETES ARIZONENSIS Tink.
ni Tinkham, Amer. Mid. Nat. 38:130-
133, 1947.

AMMOPLANUS Gussak.; A. UMATILLA
82-84, A. XILA 84-86.
ni Pate, Pan-Pac. Ent. 21:81-88, 1945.

AMORBIA EMIGRATILLA Busck
Pemberton, Hawaiian Planters' Rec.
50:132, 1946.

AMORBIA ESSIGANA Busck
Ebeling, Cal. Ext. C. 43 rev.:48, 1947.

AMORBIA HUMEROSANA Clem. (DUSKY
LEAF ROLLER)
Patterson & Neary, Can. Ins. Pest
Rev. 24:14, 1946.

AMORPHA FRUTICOSA INSECTS
1 Brett, J. Agr. Res. 73:84, 1946.

AMPEDUS INSIGNIS - LARVAE
1 Jewett, Ky. B. 489:14, 1946.

AMPEDUS LINTEUS Say - LARVAE
1 Jewett, Ky. B. 489:14, 1946.

AMPEDUS MANIPULARIS Cand. - LAR-
VAE
1 Jewett, Ky. B. 489:12-13, 1946.

AMPEDUS NIGRICOLLIS Hbst. - LAR-
VAE
1 Jewett, Ky. B. 489:12, 1946.

AMPEDUS RUBRICOLLIS Hbst., *see* AM-
PEDUS VERTICINUS Beauv.

AMPEDUS VERTICINUS Beauv. - LAR-
VAE
1 Jewett, Ky. B. 489:13, 1946.

AMPELOGLYPTER ATER Lec. (GRAPE
CANE GIRDLER)
Trullinger et al., USDA OES R. f.
1945/46:107, 1947.

Whitcomb & Garland, Mass. B. 436-41,
1946, 441:39, 1947.

AMPHELASMA Barber
ni Barber, Ent. Soc. Wash. P. 49:158-
161, 1947.

AMPHICERUS BICAUDATUS (Say) (AP-
PLE TWIG BORER)* (GRAPE CANE
BORER)

Dickey et al., Fla. B. 436:42, 1947.
AMPHICERUS CORNUTUS (Pallas)
(WESTERN TWIG BORER)

Parker, Ariz. St. Ent. R. f. 1946/47:28.
AMPHICERUS HAMATUS (F.), *see* AM-
PHICERUS BICAUDATUS (Say)

AMPHIDASIS COGNATARIA Guen., *see*
BISTON COGNATARIA (Guen.)

AMPHIMALLON MAJALIS Razoum. (EU-
ROPEAN CHAFER)
Buchholz, N. Y. Dept. Agr. & Mkts. R.
f. 1944:114, 1945; f. 1945:131, 1947;
f. 1946/47:146-147.

AMPHIMALLON MAJALIS--Continued.
Gambrell & Wheeler, N. Y. (G.) R. 63:
25-26, 1945.

Schwardt et al., N. Y. (C.) R. 57:125,
1945.

AMPHIMALLON MAJALIS - INSECTI-
CIDES

Annand, USDA EPQ R. f. 1946/47:12,
25.

bi Gambrell, J. Ec. Ent. 39:168-173,
1946.

i Gambrell, N. Y. (G.) Farm Res. 12
(2):19-20, 1946.

Gambrell et al., N. Y. (G.) R. 64:37-
38, 1946, 65:21-22, 1947.

Schwardt & Logothetis, N. Y. (C.) R.
58:118, 1946.

AMPHIPYRA PYRAMOIDES Guen.
(COPPER UNDERWING)

Frost, J. Ec. Ent. 39:418, 1946.

Rawson, N. Y. Ent. Soc. J. 55:42, 1947.

AMPHOROPHORA Buck.
n Knowlton, Ent. News 56:206-209,
1945.

nik Knowlton & Allen, Can. Ent. 77:
111-114, 1945.

AMPHOROPHORA COSMOPOLITANA

Mason, *see* AMPHOROPHORA SON-
CHI (Oest.)

AMPHOROPHORA GERANII Gill. &
Palmer

Knowlton, Bklyn. Ent. Soc. B. 42:77,
1947.

AMPHOROPHORA RUBI (Kalt.) - RE-
SISTANT RASPBERRIES

Schwartz, Wash. B. 470:125, 1945.

AMPHOROPHORA SONCHI (Oest.)

Adams, Can. Ins. Pest Rev. 25:25,
1947.

AMPHOROPHORA SONCHI (Oest.) (SOW-
THISTLE APHID)

Essig, Cal. Dept. Agr. C. 365:76-77,
1946.

Ross, Can. Ins. Pest Rev. 24:47, 1946.

AMPHOROPHORA VACCINII Mason
Swezey, Hawaiian Ent. Soc. P. 13:20,
1947.

AMPULEX COMPRESSA (F.)

Pemberton, Hawaiian Sugar Planters'
Assoc. R. 64, Expt. Sta. R. f. 1943/44:
18, 1945; P. 66, Expt. Sta. R. f.
1945/46:22, 1947.

Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f. 1944/45:
18-19, 1946.

AMYNA NATALIS (Wlkr.)

Swezey, Hawaiian Ent. Soc. P. 12:475,
1946; 13:5, 1947.

Van Zwaluwenburg, Hawaiian Planters'
Rec. 50:15, 1946.

Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f. 1944/45:
17, 1946.

ANABRUS LONGIPES Caud.

Ward, B. C. Dept. Agr. R. 41:W104, 1947.

ANABRUS SIMPLEX Hald. (MORMON
CRICKET)*

Annand, New Internatl. YB f. 1944:295,
1945.

Annand, USDA EPQR f. 1943/44:11, 43-
44, 1945; f. 1944/45:21, 40, 1946; f.
1945/46:36-37, 1947; f. 1946/47:41.

ANABRUS SIMPLEX--Continued.

- Chamberlin, Utah Acad. Sci. Arts & Let. P. 24:4-5, 1947.
 i Harding, Nature Mag. 38:151-152, 1945.
 Mills et al., Mont. B. 425:14, 1945; 442:11, 1947.
 Parker, USDA EPQ E-734.5-6, 1947.
 i Plummer, Dow Diamond 10(4):1-3, 1947.
 Schwels, Nev. St. Dept. Agr. Bien. R. f. 1944/46 18-20.
 Wakeland, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945.4, 1946.
ANABRUS SIMPLEX - CANADA
 Bird & Mitchener, Can. Ins. Pest Rev. 24:68, 1946, 25:3, 1947.
 Manson et al., Can. Ins. Pest Rev. 24 94, 1946.
 Peterson, Can. Ins. Pest Rev. 24:105, 1946.
ANABRUS SIMPLEX - FOOD HABITS - QUANTITY
 i Cowan & Shipman, J. Ec. Ent. 40: 825-828, 1947.
ANABRUS SIMPLEX - PARASITES
 bi La Rivers, Amer. Mid. Nat. 33. 743-763, 1945.
ANACAMPTODES sp.
 Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12:482, 1946.
ANACAMPTODES FRAGILARIA (Grossb.)
 Bianchi, Hawaiian Ent. Soc. P. 12 469, 1946.
 i Comstock & Dammers, South. Cal. Acad. Sci. B. 45:17-20, 1946.
 Pemberton, Hawaiian Ent. Soc. P. 12 466,476-477, 1946.
 Rosa, Hawaiian Ent. Soc. P. 13:9, 1947.
 i Van Zwaluwenburg, Hawaiian Planters' Rec. 50:12-13, 1946.
 Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45. 16-17, 1946.
 Williams, Hawaiian Ent. Soc. P. 13:2, 1947.
ANACAMPTODES FRAGILARIA - PARASITES
 Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1944/46:37.
ANAEA AIDEA FLORIDALIS (Johns. & Comst.)
 i Chermock, Pa. Acad. Sci. P. 19:42-43, 1945.
ANACENTRINUS SUBNUDUS Buch.
 Ingram et al., Sugar J. 9(11):13, 1947.
ANACHAETOPSIS TORTRICIS (Coq.), *see* **TORTRICIOPHAGA TORTRICIS** (Coq.)
ANAGRUS EPOS Gir.
 Jones et al., J. Ec. Ent. 39:772-774, 1946.
ANAGRUS FLAVEOLUS Waterh.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
ANAGRUS SAGA Gir., *see* **BARYPOLY-NEMA SAGA** (Gir.)
ANAGRUS YAWI Fullaw.
 Fullaway, Hawaiian Ent. Soc. P. 13:7, 1947.

ANAGYRUS sp.

- Calkins, Kans. Ent. Soc. J. 19:68, 1946.
 Clancy & Pollard, J. Ec. Ent. 40:579, 1947.
 Sakimura, Hawaiian Ent. Soc. P. 13: 22-23, 1947.
ANAGYRUS COCCIDIVORUS Doz.
 Carter, Hawaiian Ent. Soc. P. 12:489, 1946.
ANAGYRUS FUSCIVENTRIS (Gir.)
 DeBach & Fleschner, Cal. Citrog. 33. 22, 1947.
 DeBach & Fleschner, Cit. Leaves 27 (11):9, 1947.
ANAGYRUS PUTONOPHILUS Comp.
 n Compere, Cal. Univ. Pub. Ent. 8:22, 1947.
ANAGYRUS PUTONOPHILUS Comp. - **EGGS & LARVAE**
 i Maple, Cal. Univ. Pub. Ent. 8:57-59, 1947.
ANAGYRUS SUBALBICORNIS (Gir.), *see* **ANAGYRUS YUCCAE** (Coq.)
ANAGYRUS YUCCAE (Coq.) - **EGGS & LARVAE**
 Maple, Cal. Univ. Pub. Ent. 8:59, 1947.
ANANCA BICOLOR (Fairm.), *see* **SES-SINIA BICOLOR** (Fairm.)
ANAPHES OVJENTATUS (Crosby & Leon.)
 i Romney & Cassidy, J. Ec. Ent. 38: 497-498, 1945.
ANAPHOTHRIPI sp.
 Michelbacher & Swanson, Cal. C. 365: 71, 1946.
ANAPHOTHRIPI ALTERNANS Bagn.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
ANAPHOTHRIPI LONGIPENNIS Crawf., *see* **SCIRTOTHRIPI ZEAE** (Moult.)
ANAPHOTHRIPI OBSCURUS (Mull.) (**GRASS THRIPI**)* (**OAT THRIPI**)
 Bianchi, Hawaiian Ent. Soc. P. 12:470, 1946.
 Burgess, Ariz. R. 56:46-47, 1946.
 Houser, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.81, 1946.
 Vorhies & Wehrle, Ariz. Mimeo. R. 75. 11, 1945.
ANAPHOTHRIPI ORCHIDACEOUS Bagn. (**YELLOW ORCHID THRIPI**)
 Steinweden, Orchid Digest 9:266, 1945.
 Swezey, Hawaiian Ent. Soc. P. 12:393, 1945.
ANAPHOTHRIPI ORCHIDEARUM Bondar
 Swezey, Hawaiian Ent. Soc. P. 12:393, 1945.
ANAPHOTHRIPI ORCHIDII (Moult.) (**CALIFORNIA ORCHID THRIPI**)
 Jardine et al., USDA OES R. f. 1944/45. 64, 1946.
 Plank & Winters, P. R. (Mayaguez) R. f. 1944:21, 1945; f. 1945:29, 1946.
 Steinweden, Orchid Digest 9:266, 1945.
 Swezey, Hawaiian Ent. Soc. P. 12:304, 1945.
ANAPHOTHRIPI ORCHIDII & SPOTTED WILT
 b Sakimura, J. Ec. Ent. 39:398-399, 1946.

ANAPHOTHRIPS STRIATUS (Osb.), see
ANAPHOTHRIPS OBSCURUS
(Muller)

ANAPLASMOSIS, see INSECTS & ANI-
MAL DISEASE - ANAPLASMOSIS

ANARHOPUS SYDNEYENSIS Timb.
DeBach & Fleschner, Cal. Agr. 1(13).
3, 1947.
DeBach & Fleschner, Cal. Citrog. 33.
22-23, 1947.
DeBach & Fleschner, Cit. Leaves 27
(11):9, 1947.
Ebeling, Cal. Ext. C. 43 rev.:52, 1947.
Parker et al., Man. for Cit. Grow. ed.
3:53, 1947.

ANARHOPUS SYDNEYENSIS - EGGS &
LARVAE
1 Maple, Cal. Univ. Pub. Ent. 8:59-60,
1947.

ANARSIA LINEATELLA Zell. (PEACH
TWIG BORER)*
Flock, Ariz. St. Ent. R. f. 1944:19,
1945.
Jones et al., Oreg. C. Inform. 406:3-
4, 1947.
1 Lamiman & Smith, Cal. Ext. C. 103
rev.:69, 1947.
Marshall, Can. Ins. Pest Rev 25:96,
1947.
Smith, Cal. Ext. C. 46 rev.:43, 1947.
1 Sorenson, Utah Farm & Home Sci.
8(2):14-15, 1947.

ANARSIA LINEATELLA - INSECTICIDES
1 Childs et al., Oreg. Ext. B. 664:3,
1946.
Gardiner, Can. Min. Agr. R. f. 1946/47:
86.
Howard & Brooks, Cal. Ext. C. 117
rev. 63, 1947.
Jones et al., Oreg. C. Inform. 405:4,
1947.
1 Smith, Cal. Ext. C. 98 rev.:48-50,
1946.

ANARSIA LINEATELLA - INSECTI-
CIDES - DDT
Marshall, Wash. St. Hort. Assoc. P.
42:69-70, 1946.
Newcomer, Wash. St. Hort. Assoc.
Proc. 41:51, 1945.

ANASA TRISTIS (Deg.) (SQUASH BUG)*
Bissell & Dupree, Ga. B. 254:19, 1947.
Condit, The Fig. 182, 1947.
Flock, Ariz. St. Ent. R. f. 1944:16,
1945.
1 Haseman, Mo. B. 391 ed. 2:7-9, 1946.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:16.
Leaver, R. I. Dept. Agr. & Conserv. R.
11:34, 1946.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45:10, f. 1945/46:
18.
Smith et al., Kans. Ent. Soc. J. 19:50,
1946, 20:56, 58, 1947.
1 Vorhies & Wehrle, Ariz. B. 203:44-
45, 1946.

ANASA TRISTIS - CANADA
Stirrett, Can. Ins. Pest Rev. 25:33,
1947.
Thompson, Can. Ins. Pest Rev. 24:39,
1946.

ANASA TRISTIS - CONTROL
Chupp & Leiby, N. Y. (C.) Ext. B. 206
rev.:49, 1947.
Krone et al., Mich. Ext. B. 4 rev.:87,
1945.
1 Lincoln, Ark. Ext. C. 438:8, 1945.
Pratt et al., N. Y. (C.) Ext. B. 696
rev.:60, 1947.
Price, Ky. Ext. C. 435:4-5, 1947.
Sherwood & Bishop, W. Va. Ext. C.
325 rev.:30, 1945.

ANASA TRISTIS - INSECTICIDES
Bottger & Levin, USDA EPQ E-729,
23 p., 1947, E-738:2,7-9, 1947.
Compton et al., Rocky Mountain Conf.
Ent. R. 18:12, 1947.
Tate & Gates, J. Ec. Ent. 38:391, 1945.
Tate et al., Neb. R. 58:60, 1945.
Walton, J. Ec. Ent. 40:389-391, 395,
1947.
bi Watkins, J. Ec. Ent. 39:255-261,
1946.
Watkins, N. Y. (C.) R. 58:116-117, 1946
Watkins & Logan, N. Y. (C.) R. 57 123,
1945.

ANASA TRISTIS - INSECTICIDES - DDT
Bourne & Whitcomb, Mass. B. 428:35,
1945.
Brown & Alban, Amer. Soc. Hort. Sci.
P. 49:320-324, 1947.
Smith et al., J. Ec. Ent. 38:195, 1945.

ANASA TRISTIS - INSECTICIDES -
DUSTS
Allen & Chapman, Wis. B. 469:33-34,
1946.
Clark & Hoveland, Wis. B. 472:17,
1947.
Dicke et al., J. Ec. Ent. 38:389, 1945.
Dustan et al., Sci. Agr. 26:117-118,
1946.
Gertler, USDA EPQ E-705.12, 1946.
Kearns et al., J. Ec. Ent. 38:662-663,
1945.
1 Marcovitch & Stanley, Tenn. R. 58
114-115, 1946.
Wallace, Amer. Soc. Hort. Sci. P. 46.
284, 1945.
Walton, J. Ec. Ent. 39:273, 1946.
Yager, S. Dak. R. 60:12, 1947.

ANASA TRISTIS - INSECTICIDES -
DUSTS - DDT
Bruce & Tauber, J. Ec. Ent. 38:441,
1945.
Dunavan, S. C. R. 58:64, 1946.
Haseman, Mo. B. 510:33, 1947.
White, USDA EPQ E-642; E-692:9,
1946.

ANASA TRISTIS - METABOLISM OF
CHLOROPHYLL
b Metcalf, Ent. Soc. Amer. Ann. 38:
397-402, 1945.

ANASA TRISTIS - PARASITES
Annand, USDA EPQ R. f. 1944/45:23-
24, 1946.
Eichmann, J. Ec. Ent. 38:112, 1945.
Webster & Shenefelt, Wash. B. 470:39,
1945.

ANASA TRISTIS - WASHINGTON
b Eichmann, J. Ec. Ent. 38:110-112,
1945.

- ANASA TRISTIS & PEACH-SCARRING
Woodside, J. Ec. Ent. 39:160, 1946.
- ANASTATUS BIFASCIATUS (Fonsc.),
see ANASTATUS DISPARIS
Ruschka
- ANASTATUS BLATTIDARUM Ferrière
Lauderdale, Ariz. St. Ent. R. f.
1945/46.22.
- ANASTATUS DISPARIS Ruschka
Cooke & Friend, Conn. B. 501 30,
1946.
Friend, Conn. Acad. Arts & Sci.
Trans. 36:620-621, 1945.
- ANASTELLORHINA AUGUR (F.) & MY-
IASIS
James, USDA Misc. Pub. 631:90,
1947.
- ANASTELLORHINA NOCIVA (Hardy) &
MYIASIS
James, USDA Misc. Pub. 631 90,
1947.
- ANASTOECHUS NITIDULUS (F.)
i Cassell, Nat. Hist. 54 279, 1945.
- ANASTREPHA FRATERCULUS (Wied.)
Annand, USDA EPQ R. f. 1946/47 68.
b Baker, J. Ec. Ent. 38:95-100, 1945
- ANASTREPHA LUDENS (Loew) (MEXI-
CAN FRUITFLY)*
Annand, USDA EPQ R. f. 1943/44 6,
28, f. 1944/45.12,55-56, f. 1945/46
3,11,54,60, f. 1946/47 61-62,63.
Cooley, J. Ec. Ent. 40 130, 1947.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45.5
- ANASTREPHA LUDENS - CONTROL -
VAPOR HEAT
b Balock & Starr, J. Ec. Ent. 38:646-
651, 1945.
- ANASTREPHA LUDENS - EFFECT OF
SMOKE
Shaw & Starr, J. Ec. Ent. 39:526-528,
1946.
- ANASTREPHA LUDENS - FOOD & HOST
PLANTS
Pieltain, Ciencia 6.128-129,177-179,
1945.
- ANASTREPHA LUDENS - INSECTICIDES
b Balock & Starr, J. Ec. Ent. 38 481-
483, 1945.
Plummer, USDA EPQ E-700,14 p.,
1946.
b Plummer & Baker, J. Ec. Ent. 39
775-780, 1946.
b Plummer & Shaw, J. Ec. Ent. 40
483-486, 1947.
- ANASTREPHA LUDENS - QUARANTINE
Annand, USDA EPQ SRA 165.59-65,
1946; 166:38-42, 167:4-5, 1947.
Hoyt, USDA EPQ SRA 163.22, 1945.
- ANASTREPHA LUDENS - REPELLENTS
Starr, J. Agr. Res. 71:415-422, 1945.
- ANASTREPHA MOMBINPRAEOPTANS
Sein (WEST INDIAN FRUITFLY)*
Annand, USDA EPQ R. f. 1945/46:60.
f. 1946/47:68.
Baker, J. Ec. Ent. 38:95-96, 1945.
Cooley, J. Ec. Ent. 40:130, 1947.
i Martorell, P. R. Univ. J. Agr. 29.
474-477, 1945.
Plank, P. R. (Mayaguez) R. f. 1945:39-
40, 1946.
Plummer, USDA EPQ E-700:11-12,1946
- ANASTREPHA SERPENTINA Wied.
Annand, USDA EPQ R. f. 1945/46 60;
f. 1946/47:68.
b i Shaw, J. Ec. Ent. 40:34-40, 1947.
i Shaw & Starr, J. Agr. Res. 72:265-
276, 1946.
- ANASTREPHA STRIATA Schin.
Annand, USDA EPQ R. f. 1945/46 60,
f. 1946/47 68.
Baker, J. Ec. Ent. 38.95, 1945.
- ANASTREPHA SUSPENS (Loew)
Annand, USDA EPQ R. f. 1945/46.60,
f. 1946/47:68.
i Martorell, P. R. Univ. J. Agr. 29.
474-478, 1945.
- ANASTREPHA UNIPUNCTA Sein, see
ANASTREPHA SUSPENS (Loew)
- ANATIS sp.
Peterson, Can. Ins. Pest Rev. 24 108,
1946.
- ANATIS QUINDECIMPUNCTATA (Oliv)
Jaynes & Marucci, J. Ec. Ent. 40 13,
1947.
- ANAX JUNIUS (Drury)
i Abbott, Nat. Hist. 55:205-208, 1946.
Rau, J. Compar. Psychol. 38:285-286,
1945.
Wright, Fla. Ent. 28.31-32, 1945.
- ANAX JUNIUS - PREY - PRECIPITIN
TEST
Brooke & Proske, Natl. Malar. Soc. J.
5 51-55, 1946.
- ANCISTROCERUS CATSKILLENSIS
(Sauss.)
Rau, Ent. Soc. Amer. Ann. 38 88, 1945.
- ANCISTROCERUS TIGRIS Sauss.
Boyce, Ent. Soc. Ont. R. 76 35-37, 1946
- ANCYLIS COMPTANA (Frol.)
Mills & Dewey, N. Y. (C) Ext. B. 306
rev. 22-23, 1946.
- ANCYLIS COMPTANA FRAGARIAE
(Walsh & Riley) (STRAWBERRY
LEAF ROLLER)*
Callenbach, Mont. Ext. Ser. A-55,2 p.,
1945.
i Cummings, Amer. Nurserym. 84(6)
14,16, 1946.
Davis, Ind. Acad. Sci. P. 56 150, 1947?
Ross, Can. Ins. Pest Rev. 24 47, 1946.
Ross & Arnason, Can. Ins. Pest Rev.
25.100, 1947.
Smith et al., Kans. Ent. Soc. J. 19 50,
1946.
i Talbert, Gen. Hort.:191, 1946.
Webster, Wash. Ext. B. 246 rev.:22,
1946.
- ANCYLIS COMPTANA FRAGARIAE - IN-
SECTICIDES
i Colby, Ill. Ext. C. 453 rev.:46-47,
1946.
Dustan et al., Sci. Agr. 26:111-112,
1946.
i Edmondson, Wyo. Ext. C. 58 rev.:30,
1945.
Filingner, Kans. C. 235.40, 1946.
Haseman, Mo. B. 490.58, 1945.
Neiswander, Ohio St. Hort. Soc. P. 78.
150-152, 1945.
Ross & Garlick, Can. Dept. Agr. Div.
Ent. Processed Pub. 44'4, 1946.
Williams, Conn. Ext. B. 388:19, 1947.

ANCYLIS COMPTANA FRAGARIAE - PARASITES

- Allen, J. Ec. Ent. 38:119-120, 1945.
Blackburn, Ohio B. 659 105, 1945.
Marvin, J. Ec. Ent. 38:119, 1945.
ANCYLIS COMPTANA FRAGARIAE - PARASITES - EFFECT OF DDT
Peterson, Ohio J. Sci. 46:323-326, 1946.
ANCYLOSTOMIA STERCOREA (Zell.)
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):3-4.
ANDRECTOR RUFICORNIS (Oliv.)
Flock, Ariz. St. Ent. R. f. 1944:15, 1945.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):4.
ANDRENA F.
Sturrett, Can. Ins. Pest Rev. 25:109, 1947.
ANDRENA COMPLEXA Vier. - PARASITES
MacSwain & Bohart, Pan-Pac. Ent. 23 30, 1947.
ANDRENA DINOGNATHA Timb. - FEMALE
Lanham, Pan-Pac. Ent. 23 71-72, 1947.
ANDRENA ORTHOCARPI Kll. - MALE
Lanham, Pan-Pac. Ent. 23:72, 1947.
ANDRENA RHODOTRICHIA Lins.
MacSwain, Pan-Pac. Ent. 21:134, 1945.
ANDRENA VIERECKI Kll. - PARASITES
MacSwain & Bohart, Pan-Pac. Ent. 23 30, 1947.
ANDRENOSOMA RUBIDUM (Will.) - PREY
Alex, Bklyn. Ent. Soc. B. 42:171-172, 1947.
ANDRICUS sp.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:58, 1945.
ANDROLAELAPS SETOSUS Fox
n Fox, Biol. Soc. Wash. P. 59:173-174, 1946.
ANEFLOMORPHA SUBPUBESCENS (Lec.)
i Knull, Ohio Biol. Surv. B. 39:197-198, 1946.
ANEUROBRACON SAMOANUS Fullaw.
see MESOCOELUS SAMOANUS (Fullaw.)
ANGITIA Holmgr., see HOROGENES Först.
*ANGORA GOAT BITING LOUSE, see BOVICOLA LIMBATUS (Gerv.)
*ANGOUMOIS GRAIN MOTH, see SITOTROGA CEREALELLA (Oliv.)
ANICETUS ANNULATUS Timb. - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:60, 1947.
ANISANDRUS DISPAR (F.)
Thompson, Oreg. St. Hort. Soc. R. 38: 80-91, 1946.
ANISANDRUS PYRI (Peck)
i Beal & Massey, Duke Univ. School For. B. 10:150, 1945.
Childs et al., Oreg. Ext. B. 664:4, 1946.

ANISANDRUS SAYI Hopk.

- Beal & Massey, Duke Univ. School For. B. 10:151-152, 1945.
ANISOCALVIA QUATUORDECIMGUTTA-TA SIMILIS (Rand.)
Plutsch, Mont. B. 446:79, 1947.
ANISOMORPHA GRAY - VENOM - EYE INJURY
Gurney, Ent. Soc. Wash. P. 49:141, 1947. (Abs.)
ANISOMORPHA FERRUGINEA (Beau.) - VENOM - EYE INJURY
i Albert, Ent. News 58 57-59, 1947.
ANISOPUS CINCTUS (F.), see SYLVICOLA CINCTA (F.)
ANISOTA RUBICUNDA (F.) (GREEN-STRIPED MAPLEWORM)*
i Boyd, N. J. Dept. Agr. C. 355:26-27, 1945.
Dean et al., Kans. Ent. Soc. J. 18:94, 1945.
i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2:12, 1945.
Smith et al., Kans. Ent. Soc. J. 20:53, 1947.
ANISOTA RUBICUNDA - CANADA
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. f. 1944:29-30, 1945.
Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 37, 1946.
Bradley, Can. Ins. Pest Rev. 24:61, 1946.
Bradley & Daviault, Can. Ins. Pest Rev. 25:70, 1947.
Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 44, 1947.
Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:23, 1947.
i Daviault, For. Québécoise 12 495-496, 1947, Québec Min. Terres et For. Bur. d'Ent. C. 7,2 p., 1947?
Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 23, 1946.
Gauthier, Can. Ins. Pest Rev. 24:32, 1946.
Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:18, 1945.
Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:31, 1946.
ANISOTA RUBICUNDA - INSECTICIDES - DDT
Craighead & Brown, USDA EPQ E-649: 2, 1945.
Dowden et al., USDA EPQ E-663:5-6, 12, 1945.
ANISOTA RUBICUNDA - PARASITES
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:14, 1946.
ANISOTA SENATORIA (Abbott & Smith) (ORANGE-STRIPED OAKWORM)*
i Boyd, N. J. Dept. Agr. C. 355:27-28, 1945.
i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2:5-6, 1945.
Knutson, R. I. Dept. Agr. & Conserv. R. 12:37, 1947.
Leaver, R. I. Dept. Agr. & Conserv. R. 11:33, 1946.

- ANISOTA SENATORIA** --Continued.
USDA EPQ Ins. Pest Surv. Sum. of
Ins. Conditions in 1945.19, 1946.
- ANISOTA SENATORIA** - CANADA
Atwood, Can. Dept. Agr. Div. Ent
For. Ins. Surv. R. f. 1944 33-34, 1945.
Watson, Can. Ins. Pest Rev. 25 71,
1947.
Watson & MacKay, Can. Dept. Agr
Div. Ent. For. Ins. Surv. R. f. 1945
32, 1946.
Watson & Raziennne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946
38, 1947.
- ANISOTA SENATORIA** - INSECTICIDES -
DDT
Dowden et al., USDA EPQ E-663 9,
1945.
Zappe et al., Conn. B. 501 40,46, 1946
- ANISOTA STIGMA** (F.) (SPINY OAK-
WORM)*
1 Dillon & Dillon, Mengel Nat. Hist
Soc. Leaf. 2 5, 1945.
- ANISOTA VIRGINIENSIS** (Drury) (PINK-
STRIPED OAKWORM)
Davault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946 25, 1947.
Davault, Can. Ins. Pest Rev. 25 71,
1947.
1 Dillon & Dillon, Mengel Nat. Hist.
Soc. Leaf. 2 6,12, 1945.
Lambert, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944 19, 1945.
- ANISOTYLUS** sp. - EGGS & LARVAE
1 Maple, Cal. Univ. Pub. Ent. 8 60-61,
1947.
- ANNONA SEED CHALCID.** see BEPHRA-
TA CUBENSIS Ashm
- ANOBIUM PUNCTATUM** Deg.
Reeks & Forbes, Can. Ins. Pest Rev
25.121, 1947.
Spencer, B. C. Ent. Soc. P. 43.9-10,
1947.
- ANOMALA** Sam.
1 Phillips & Cole, Fla. B. 411 28-29,
1945.
- ANOMALA ORIENTALIS** Waterh. (ORI-
ENTAL BEETLE)*
1 Boyd, N. J. Dept. Agr. C. 355.11-12,
1945.
Johnson, Conn. B. 488 419, 1945.
- ANOMALA ORIENTALIS** - DISEASES -
MILKY DISEASE
Carter, Hawaiian Acad. Sci. P. 16 8,
1945. (Abs.)
- ANOMALA UNDULATA** Melsh. (BLOS-
SOM ANOMALA)
Wolfe et al., Fla. Ext. B. 129:89, 1946.
- ANOMALON CALIFORNICUM** (Cress.)
Townes, Hawaiian Ent. Soc. P. 13.106,
1947.
- ANOMIS EROSA** (OKRA CATERPILLAR)
Gertler, USDA EPQ E-705:10, 1946.
- ANOMOGYNA ELIMATA** (Guen.) (CHA-
MELEON CATERPILLAR)
Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
46, 1947.
- ANOPHELES** Meig. - BREEDING PLACES
bi Aitken, Cal. Univ. Pub. Ent. 7:309-
314, 338-340, 1945.
b Kaye, Mil. Surg. 98:50-52, 1946.
- ANOPHELES** Meig. - BREEDING
PLACES--Continued.
1 Twinn, N. J. Mosq. Exterm. Assoc.
P. 32.244-245, 250-251, 1945.
Williams, U. S. Pub. Health Rpts. 60.
468-469, 1945.
- ANOPHELES** - BREEDING PLACES -
AQUATIC PLANTS
bi Pratt, U. S. Pub. Health Rpts. Sup.
200,38 p., 1947.
- ANOPHELES** - BREEDING PLACES -
GEORGIA (SOUTH WESTERN)
b Fletcher, Natl. Malar. Soc. J. 5 147-
150, 1946.
- ANOPHELES** - CALIFORNIA
Cal. St. Dept. Pub. Health B. 44 rev.,
19-20, 1945.
- ANOPHELES** - CANADA
Twinn, Quebec Soc. Protect. Plants R.
29.55, 19452
Wishart & James, Ent. Soc. Ont. R. 76
39-48, 1946.
- ANOPHELES** - COLLECTION & PRESER-
VATION
bi Carpenter, Natl. Malar. Soc. J. 4
115-121, 1945.
b Russell et al., Amer. J. Hyg. 42.274-
298, 1945.
- ANOPHELES** - CONTROL - MILITARY
ZONES
Wisecup, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25.6-8, 1946.
- ANOPHELES** - CONTROL - POTOMAC
RIVER
Darling, Prog. Guide 9.29, 1945.
- ANOPHELES** - DISPERSAL BY AIRCRAFT
b Miller et al., Natl. Malar. Soc. J. 6
227-243, 1947.
- Mulrennan et al., Natl. Malar. Soc. J.
4 56-58, 1945.
- ANOPHELES** - DISTRIBUTION
b Abbott, Turtos News 25 82-83, 1947.
bik Russell et al., Pract. Malar. 180-
201, 587-657, 1946.
- ANOPHELES** - EGGS
bi Aitken, Cal. Univ. Pub. Ent. 7.332-
337, 346-348, 1945.
- ANOPHELES** - HABITS & BEHAVIOR -
FEEDING
1 Arnold et al., U. S. Pub. Health Rpts.
61.1244-1249, 1946.
Trapido, Amer. J. Trop. Med. 26:400-
405, 1946.
- ANOPHELES** - HOST PREFERENCES
Simmons, J. Ec. Ent. 39 17, 1946.
- ANOPHELES** - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46.15.
b Johnson & Goodman, U. S. Pub.
Health Rpts. 62 1191-1198, 1947.
Roth et al., Mosq. News 7.154, 1947.
- ANOPHELES** - INSECTICIDES - DDT
Deonier & Burrell, J. Ec. Ent. 38:425-
427, 1945.
Ferguson et al., Mosq. News 5:51, 1945.
bi Hess & Keener, J. Wildlife Mangt.
11:1-10, 1947.
Husman et al., USDA EPQ ET-228:9-11,
1947.
Jones et al., J. Ec. Ent. 38:432-433,
1945.
Simmons, J. Ec. Ent. 39.15, 1946.
Stage, Cal. Mosq. Control Assoc. P. 14:
9-12, 1946.

ANOPHELES - INSECTICIDES - DDT--
Continued.

Wisecup et al., J. Ec. Ent. 38:434-436,
1945, 39:52-55, 1946.

**ANOPHELES - INSECTICIDES - DDT &
OIL**

Burrell et al., Mosq. News 7:11-13,
1947.

Lindquist & McDuffie, J. Ec. Ent. 38.
545-548, 1945.

**ANOPHELES - INSECTICIDES - DDT &
PARADICHLOROBENZENE**

Johnson, U. S. Pub. Health Rpts. 61:
1185-1188, 1946.

ANOPHELES - LARVAE

bi Roth, Wash. Ent. Soc. P. 257-278,
1945.

b Russell et al., Amer. J. Hyg. 42:274-
298, 1945.

**ANOPHELES - LARVAE - SURVIVAL IN
MUCK**

Schoof et al., J. Ec. Ent. 38:113-114,
1945.

ANOPHELES - MONTANA

b Pietsch, Great Basin Nat. 7:23-28,
1946.

**ANOPHELES - POPULATIONS - ADULT
vs. LARVAL**

Weathersbee, Natl. Malar. Soc. J. 5
274, 1946.

ANOPHELES - PUPAE - COLOR

i Burgess, Natl. Malar. Soc. J. 5:189-
191, 1946.

**ANOPHELES - PUPAE - SURVIVAL IN
MUCK**

Schoof et al., J. Ec. Ent. 38:113-114,
1945.

ANOPHELES - SURVEYS

Bradley, N. J. Mosq. Exterm. Assoc.
P. 32:118-119, 1945.

Eakins, N. J. Dept. Health Pub. Health
News 28:295, 1947.

Fellton et al., Natl. Malar. Soc. J. 4.
203-205, 207, 1945.

Fellton et al., N. J. Mosq. Exterm.
Assoc. P. 32:223-230, 1945.

Pierce, Mich. Dept. Health Mich. Pub.
Health 33:129-130, 1945.

bi Russell et al., Pract. Malar.:394-
403, 1946.

ANOPHELES - SURVEYS - CANADA

Gardiner, Can. Min. Agr. R. f. 1944/45
67, f. 1945/46:82.

Ozburn, Ent. Soc. Ont. R. 75:37-44,
1945.

i Twinn, N. J. Mosq. Exterm. Assoc.
P. 32:242-251, 1945.

**ANOPHELES - SURVEYS - MILITARY
ZONES**

bi Carpenter, Natl. Malar. Soc. J. 4:
115-121, 1945.

ANOPHELES - TAGGING

Zukel, Science 102:157, 1945.

ANOPHELES - WESTERN AMERICA

bik Aitkin, Cal. Univ. Pub. Ent. 7:273-
364, 1945.

ANOPHELES & CLIMATE

b Russell et al., Pract. Malar.:355-
366, 1946.

ANOPHELES & MALARIA

b Abbott, Turtox News 25:82-83, 1947.

ANOPHELES & MALARIA--Continued.

i Armagnac, Pop. Sci. Month. 146(1):
103-108, 210, 1945.

i Barber, Malariaologist in Many Lands,
158 p., 1946.

Bishopp & Stage, N. J. Mosq. Exterm.
Assoc. P. 32:22-29, 1945, 33:139-
140, 1946, 34:21-23, 1947.

Bradley, N. J. Mosq. Exterm. Assoc.
P. 32:115-119, 1945.

b Calvó Fonseca, Salub. y Asist. Soc.
B. Ofic. 50:34-50, 53-61, 64-65, 1947.

b Colfer, Jackson Clin. B. 7:193-198,
1945.

Cranford, East Texas 19(11):7,13, 1945.

i Dunham, Hygeia 23:902-903, 934, 936,
938, 1945.

Faust, Amer. J. Trop. Med. 25:196-
199, 1945.

Geiger, Pest Control & Sanit. 1(3) 16,
1946.

Geijskes, Mosq. News 6:114-116, 1946.

Gunther, Pract. Malar. Control.9-39,
1944.

Hollis, Natl. Malar. Soc. J. 5 95-98,
1946.

Johnson, Natl. Malar. Soc. J. 5 1-6,
1946.

MacDonald, N. J. Mosq. Exterm. As-
soc. P. 33:50-52, 1946.

Mills et al., Mont. B. 442:17-18, 1947.

b Moore et al., Natl. Malar. Soc. J. 4:
307-329, 1945.

Mulhern, N. J. Mosq. Exterm. Assoc.
P. 32:167-170, 1945.

Pickup, J. Health & Phys. Educ. 16

312-314, 350, 1945.

Russell, Amer. J. Trop. Med. 26:6-7,
9-13, 1946.

bik Russell et al., Pract. Malar., 684
p., 1946.

b Schoof, J. Ec. Ent. 38:517-522, 1945.

Shope, Pa. Univ. B. 48(3) (School Vet.
Met. Vet. Ext. Quart. 108):6, 1947.

Smillie, Pub. Health Adm. in U. S. ed.
3:139,142,209,438-439,495, 1947.

b Tager, Conn. St. Med. J. 9:430-432,
434-435, 1945.

Young et al., Natl. Malar. Soc. J. 4:127-
131, 1945.

i U. S. Pub. Health Serv. & Tenn. Val.
Authority, Malar. Control on Impound.

Water:1-14, 245-290, 293-294, 297-300,
413-416, 1947.

ANOPHELES & MALARIA - CALIFORNIA

(Bakersfield)

Reeves et al., Cal. Mosq. Control As-
soc. P. 15:94-95, 1947.

ANOPHELES & MALARIA - CARIBBEAN

ZONE

Magoon, Salub. y Asist. Soc. B. Ofic.
48:65-76, 106-213, 217-233, 575-583,
1945.

**ANOPHELES & MALARIA - EFFECT OF
RAINFALL PERIODICITY**

Ackerknecht & Carter, Science 103:
343-344, 1946.

Terra, Science 101:629-631, 1945.

**ANOPHELES & MALARIA - EPIDEMIOLO-
GY**

b Watson et al., Natl. Malar. Soc. J. 4:
58-63, 1945.

- ANOPHELES & MALARIA - HISTORY**
Gill, Med. Assoc. Ala. J. 16:394-397, 1947.
- ANOPHELES & MALARIA - MANITOBA**
b McLeod & McLintock, Can. J. Res. Sect. E25:33-42, 1947.
- ANOPHELES & MALARIA - MEXICO**
bi Reyes, Soc. Mex. Hist. Nat. Rev. 6:161-178, 1945.
- ANOPHELES & MALARIA - MICHIGAN**
bk Sabrosky, Mich. TB 202, 50 p., 1946.
- ANOPHELES & MALARIA - MILITARY ZONES**
i Baxter, Sci. Against Time.302-320, 1946.
- ANOPHELES & MALARIA - MISSISSIPPI VALLEY**
b Ackernknecht, Malar. in the Upper Miss. Val. 1760-1900, 142 p., 1945
- ANOPHELES & MALARIA - NEW JERSEY**
MacDonald, N. J. Dept. Health Pub. Health News 27:278-279, 1945.
Pepper, Agr. Leaders' Digest 27(3) 62,64, 1946.
- ANOPHELES & MALARIA - NORTH-WESTERN STATES**
bi Gjullin & Yates, Mosq News 5 121-127, 1945
- ANOPHELES & MALARIA - PANAMA**
b Trapido, Amer. J. Trop. Med 26 383-415, 1946.
- ANOPHELES & MALARIA - RELATION TO BLOOD MEALS**
Abbott, Turtos News 25 125, 1947
- ANOPHELES & MALARIA - TEXAS**
Strandtmann, Tex. Acad. Sci. P & Trans 28:106-108, 1945. (Abs.)
- ANOPHELES (PSEUDOPUNCTIPENNIS COMPLEX)**
bi Vargas, Rev. Inst. Salub. y Enferm. Trop. Mex. 6 265-270, 1945.
- ANOPHELES (PUNCTULATUS COMPLEX)**
bi Rozeboom & Knight, J Parasit. 32 95-131, 1946.
- ANOPHELES ALBIMANUS Wied. - BREEDING PLACES**
Meyer, Amer. J Bot. 33:221, 1946. (Abs.)
- bi Meyer, Torrey Bot. Club B. 74 257-261 1947.**
- Pratt, U. S. Pub. Health Rpts. Sup. 200.5,7-8,10,13-14,16-21,23,25, 1947.**
- i Trapido, Amer. J. Trop. Med. 26 384-387, 1946.**
- ANOPHELES ALBIMANUS - DISPERSAL BY AIRCRAFT**
Mulrennan et al., Natl. Malar. Soc. J. 4:56-57, 1945.
- Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:72.**
- ANOPHELES ALBIMANUS - ERADICATION**
Henderson, Asoc. Méd. P. R. Bol. 39. 90-96, 1947.
- ANOPHELES ALBIMANUS - FLORIDA**
Pritchard et al., Fla. Ent. 30:10, 1947.
- Welch, Mosq. News 5:145, 1945.**
- ANOPHELES ALBIMANUS - INSECTICIDES - AEROSOLS**
Madden et al., Mosq. News 6 10, 1946.
- ANOPHELES ALBIMANUS - INSECTICIDES - DDT**
Bradley & Lyman, N. J. Mosq. Exterm. Assoc. P. 34:47-48, 1947.
- Elmendorf, Amer. J. Trop. Med. 26 664-680, 1946.**
- Husman et al., USDA EPQ ET-228.11, 1947.**
- Link, Natl. Malar. Soc. J. 6 126-129, 1947.**
- Stage, Cal. Mosq. Control Assoc. P 14.11-12, 1946.**
- Stage, Natl. Malar. Soc. J 5 100, 1946.**
- ANOPHELES ALBIMANUS - REPELLENTS**
Pijoan et al., U. S. Nav. Med. Bul. 46 1510,1517-1519, 1946.
- ANOPHELES ALBIMANUS - TEXAS**
Eads, J. Ec. Ent. 39:420, 1946.
- ANOPHELES ALBIMANUS - TRAP COLLECTIONS**
Henderson, P. R. J. Pub. Health & Trop. Med. 20 429-433, 1945.
- ANOPHELES ALBIMANUS - TRAPS - BAIT**
Weathersbee, Natl. Malar Soc J 5 267-268,271-273, 1946.
- ANOPHELES ALBIMANUS & FILARIASIS**
Hunter & Harkema, Helminth. Soc. Wash. P. 13 47, 1946.
- Newton et al., Amer. J. Trop. Med. 25 253,257,259-261, 1945.**
- ANOPHELES ALBIMANUS & MALARIA**
Bradley, N. J. Mosq Exterm Assoc. P 32 116, 1945.
- i Coffey, Engin. News-Rec. 135 722-725, 1945.**
- Elmendorf et al., Amer. J. Trop. Med 27 140-142,144, 1947.**
- Henderson, Natl. Malar. Soc. J. 4 195, 1945.**
- i Henderson, P. R. J. Pub. Health & Trop. Med. 20.420-445, 1945**
- i Meyer, Tenn. Acad. Sci. J. 21 348-350, 1946.**
- Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45-95.**
- Strode, Rockefeller Found. Internatl. Health Div. R. f. 1945/37, f. 1946 51,69.**
- Young et al., Amer. J. Hyg. 43:327, 337-341, 1946.**
- ANOPHELES ALBIMANUS & MALARIA - CARIBBEAN**
Weathersbee, Natl. Malar. Soc. J. 5 263-276, 1946.
- ANOPHELES ALBIMANUS & MALARIA - PANAMA**
b Trapido, Amer. J. Trop. Med. 26. 383-415, 1946.
- ANOPHELES ALBIMANUS & MALARIA - PUERTO RICO (Ponce)**
Neill, P. R. J. Pub. Health & Trop. Med. 22:292-299, 1947. (Spanish text, p. 300-307).
- ANOPHELES ARGYRITARSIS Rob.-Desv. & MALARIA**
i Peláez, Bol. Epidemiol. Mex. No. 2 18, 1946.

ANOPHELES ATROPOS Dyar & Knab
Hathaway La. Acad. Sci. P. 9:81, 1945.
Michener, Amer. Mid. Nat. 37:341,
1947.

Peterson & Smith, J. Ec. Ent. 38.
379, 1945.

Pritchard et al., Fla. Ent. 30:10, 1947.
b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:211, 1947.

Wirth, J. Ec. Ent. 40:744, 1947.

ANOPHELES AZTECUS Hoffm.

bi Aitken, Cal. Univ. Pub. Ent. 7 304-
307, 1945.

ANOPHELES BARBERI Coq.

Brooks, Ind. Acad. Sci. P. 56:154,
1947?

Jenkins & Carpenter, Ecol. Monog.
16:35-36, 1946.

Michener, Amer. Mid. Nat. 37:341,
1947.

Peterson & Smith, J. Ec. Ent. 38:379,
1945.

i Ross, Ill. Nat. Hist. Surv. B. 24:7,
25,27-28, 1947.

Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:250, 1946.

Wilson et al., Mosq. News 6:81, 1946.

ANOPHELES BARBERI - SOUTH CARO-
LINA

b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:211-212, 1947.

ANOPHELES BRADLEYI King

Fellton et al., N. J. Mosq. Exterm.
Assoc. P. 32:228, 1945.

Hathaway, La. Acad. Sci. P. 9:81,
1945.

Michener, Amer. Mid. Nat. 37:339,
1947.

Peterson & Smith, J. Ec. Ent. 38:379,
1945.

ANOPHELES BRADLEYI - BREEDING
PLACES

b Vogt, J. Ec. Ent. 40:324-325, 1947.

ANOPHELES BRADLEYI - LARVAE

b Dodge, Mosq. News 6:125-126, 1946.

i Miles, Natl. Malar. Soc. J. 4:235-
242, 1945. Correction 5:41, 1946.

ANOPHELES BRADLEYI - SOUTH CAR-
OLINA

b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:212, 1947.

ANOPHELES CRUCIANS Wied.

Eddy, R. I. Dept. Agr. & Conserv. R.
10:48, 1945.

b Fletcher, Natl. Malar. Soc. J. 5.
147-150, 1946.

Michener, Amer. Mid. Nat. 37:336-
337, 339, 1947.

Peterson & Smith, J. Ec. Ent. 38:379,
1945.

Pritchard et al., Fla. Ent. 30:10, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24:9,
26,31-32, 1947.

Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:251, 1946.

Stearns et al., N. J. Mosq. Exterm.
Assoc. P. 34:92, 1947.

Wilson et al., Mosq. News 6:81, 1946.

ANOPHELES CRUCIANS - INSECTI-
CIDES - DDT

Deonier et al., J. Ec. Ent. 38:244-249,
1945.

ANOPHELES CRUCIANS - INSECTI-
CIDES - DDT--Continued.

Knipling, Natl. Malar. Soc. J. 5:116-
117, 1946.

ANOPHELES CRUCIANS - SOUTH CARO-
LINA

b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:212-213, 1947.

ANOPHELES CRUCIANS & FILARIASIS

Newton & Pratt, Amer. J. Trop. Med.
26:699-702, 704-706, 1946.

Parran, U. S. Pub. Health Serv. Ann. R.
73 [i.e. 74] f. 1944/45:56.

ANOPHELES CRUCIANS & MALARIA

Sabrosky et al., Science 104 247-248,
1946.

ANOPHELES CRUCIANS BRADLEYI King,
see ANOPHELES BRADLEYI King

ANOPHELES CRUCIANS CRUCIANS

Wied - PUPAE

Burgess, Natl. Malar. Soc. J. 5 190,
1946.

ANOPHELES CRUCIANS GEORGIANUS

King, see ANOPHELES GEORGIAN-
US King

ANOPHELES DARLINGI Root

b Bates, Natl. Malar. Soc. J. 6 155-
158, 1947.

i Giglioli, Natl. Malar. Soc. J. 6 159-
164, 1947.

i Pelaez, Bol. Epidemiol. Mex., No. 1
15, 1946.

b Vargas, Rev. Inst. Salub. y Enferm.
Trop. Mex. 7:221-226, 1946.

ANOPHELES DARLINGI - REPELLENTS

Pi Joan et al., U. S. Nav. Med. Bul. 46
1519, 1946.

ANOPHELES FREEBORNI Aitken

bi Aitken, Cal. Univ. Pub. Ent. 7 296-
303, 1945.

Gardiner, Can. Min. Agr. R. f. 1945/46
82.

Lee, N. J. Mosq. Exterm. Assoc. P. 34
70, 1947.

Peters, Cal. Mosq. Control Assoc. P.
15:86-88, 1947.

Pierce et al., Sanitarian 7:724-725,
1945.

Rees, Salt Lake City Mosq. Abatement
Dist. R. Sum. 16:6, 1945.

Reeves et al., Cal. Mosq. Control As-
soc. P. 15:93-95, 1947.

Seaman, Mosq. News 5:90, 1945.

ANOPHELES FREEBORNI - BREEDING
PLACES

Farrar, J. Ec. Ent. 38:722, 1945.

Washburn, N. J. Mosq. Exterm. Assoc.
P. 34:66, 1947.

ANOPHELES FREEBORNI - DISTRIBUTION

b Gullin & Yates, Mosq. News 5:121-
127, 1945.

ANOPHELES FREEBORNI - FLIGHT
RANGE

Freeborn et al., Cal. Mosq. Control
Assoc. P. 14:69-71, 1946.

ANOPHELES FREEBORNI - HABITS &
BEHAVIOR

Rees & Harmston, Mosq. News 6:73-
75, 1946.

bi Rosenstiel, J. Ec. Ent. 40:795-800,
1947.

ANOPHELES FREEBORNI - IDAHO

Harmston & Rees, Pan-Pac. Ent. 22 155-156, 1946.

ANOPHELES FREEBORNI - INSECTICIDES - DDT

Robinson, Cal. Mosq. Control Assoc. P. 14-57, 1946.

ANOPHELES FREEBORNI - INSECTICIDES - WINTER USE

Rosenstiel, J. Ec. Ent. 40:925-926, 1947.

ANOPHELES FREEBORNI - MONTANA
Pletsch, Great Basin Nat. 7 23-24, 26-28, 1946.

ANOPHELES FREEBORNI - PUPAE

1 Burgess, Natl. Malar. Soc. J. 5:189-191, 1946.

ANOPHELES FREEBORNI - REARING

b Hardman, Natl. Malar. Soc. J. 6. 165-172, 1947.

ANOPHELES FREEBORNI & ENCEPHALITIS

Hammon et al., Amer. Med. Assoc. J. 128 1136, 1945

ANOPHELES FREEBORNI & ENCEPHALOMYELITIS, EQUINE

Hammon & Reeves, Amer. J. Pub. Health 35 996, 1945.

Reeves, U. S. Livestock Sanit. Assoc. P. 49.153, 1946.

ANOPHELES FREEBORNI & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27:214-216, 219, 1947

Newton & Pratt, Amer. J. Trop. Med. 26:700-702, 704-706, 1946.

Scott et al., J. Parasit. 31.197, 1945.

ANOPHELES FREEBORNI & MALARIA

b Burgess & Young, Natl. Malar. Soc. J. 5 151-152, 1946.

Faust, Amer. J. Trop. Med. 25 196-198, 1945.

b McDaniel et al., Natl. Malar. Soc. J. 5:229-230, 1946

Moore et al., Natl. Malar. Soc. J. 4 308-329, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45.95.

Stead, Cal. Mosq. Control Assoc. P. 14.78, 1946,

b Young & Burgess, Amer. J. Trop. Med. 27:39-40, 1947.

Young et al., Natl. Malar. Soc. J. 4 127-131, 1945.

1 Cal. St. Dept. Pub. Health, Rpt. on Invest. Dis. Bearing Mosq. Hazard in Cal. Submitted to ... Fifty-sixth Sess. Cal. Leg. (L-3681) 8-10, 1945.

ANOPHELES GABALDONI Vargas - IMMATURE STAGES

bi Vargas & Palacios, Rev. Inst. Salub. y Enferm. Trop. Mex. 7 19-27, 1946.

ANOPHELES GEORGIANUS King

Michener, Amer. Mid. Nat. 37:338-339, 1947.

Peterson & Smith, J. Ec. Ent. 38:380, 1945.

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:213, 1947.

Wirth, J. Ec. Ent. 40:742, 1947.

ANOPHELES GEORGIANUS - LARVAE

1 Miles, Natl. Malar. Soc. J. 4:235-242, 1945, Correction 5.41, 1946.

ANOPHELES GEORGIANUS - PUPAE

Burgess, Natl. Malar. Soc. J. 5:190, 1946.

ANOPHELES GRABHAMII Theob. - BREEDING PLACES

Pratt, U. S. Pub. Health Rpts. Sup. 200. 3,6,17,20, 1947.

ANOPHELES GRABHAMII & MALARIA

Caldwell, P. R. J. Pub. Health & Trop. Med. 21.197, 1945.

ANOPHELES MACULIPENNIS Meig.

b Aitken, Cal. Univ. Pub. Ent. 7.278-281, 1945.

Flock, Ariz. St. Ent. R. f. 1944:21, 1945.

Greiner, N. Mex. Univ. Pub. Misc. Ser. 1 43, 1946 (Abs.)

Manson, Can. Ins. Pest Rev. 25.114, 1947.

Mills et al., Mont. B. 442-18, 1947.

Pletsch, J. Lancet 66 289, 1946.

ANOPHELES MACULIPENNIS - EFFECT OF ULTRASONIC WAVES

bi Sautet et al., Rev. Can. de Biol. 6. 182-210, 1947.

ANOPHELES MACULIPENNIS - INSECTICIDES

Magy & Hoskins, J. Ec. Ent. 38.525-527, 1945.

ANOPHELES MACULIPENNIS & ENCEPHALITIS

Hammon et al., Amer. Med. Assoc. J. 128.1137, 1945.

ANOPHELES MACULIPENNIS & FILARIASIS

Hunter & Harkema, Helminth. Soc. Wash. P. 13.48, 1946.

ANOPHELES MACULIPENNIS & MALARIA

b Aitken, Cal. Univ. Pub. Ent. 7.321-325, 1945.

Pletsch, J. Lancet 66 289, 1946.

ANOPHELES MACULIPENNIS AZTECUS

Hoffm., see ANOPHELES AZTECUS Hoffm.

ANOPHELES MACULIPENNIS FREEBORNI Aitken, see ANOPHELES FREEBORNI Aitken

ANOPHELES MACULIPENNIS OCCIDENTALIS Dyar & Knab, see ANOPHELES OCCIDENTALIS Dyar & Knab

ANOPHELES OCCIDENTALIS Dyar & Knab

bi Aitken, Cal. Univ. Pub. Ent. 7.282-295, 1945.

Harmston & Rees, Pan-Pac. Ent. 22: 156, 1946.

Matheson, Mosq. News 5:1-3, 1945.

Pierce et al., Sanitarian 7 724, 1945.

Pletsch, Great Basin Nat. 7:23-28, 1946

Sabrosky, Mich. TB 202:8-50, 1946.

Seaman, Mosq. News 5:90, 1945.

Wishart & James, Ent. Soc. R. 76:42-48, 1946.

ANOPHELES OCCIDENTALIS - DISTRIBUTION

b Gjullin & Yates, Mosq. News 5:121-123, 127, 1945.

ANOPHELES OCCIDENTALIS-MANITOBA

b McLeod & McLintock, Can. J. Res. Sect. E 25:33-42, 1947.

- ANOPHELES OCCIDENTALIS - REARING**
Hardman, Natl. Malar. Soc. J. 6:170-171, 1947.
- ANOPHELES OCCIDENTALIS - VERMONT**
Barnes, Mosq. News 6:32-33, 1946.
- ANOPHELES OCCIDENTALIS & MALARIA**
Moore et al., Natl. Malar. Soc. J. 4: 308-329, 1945.
- ANOPHELES PHAROENSIS Theob. - DISPERSAL BY AIRCRAFT**
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 73.
- ANOPHELES PSEUDOPUNCTIPENNIS Theob.**
bi Aitken, Cal. Univ. Pub. Ent. 7:327-344, 1945.
Flock, Ariz. St. Ent. R. f. 1944:21, 1945.
Gray, Alameda Co. (Cal.) Mosq. Abatement Dist. R. f. 1944 12, 1945.
Greiner, N. Mex. Univ. Pub. Misc. Ser. 1:43, 1946. (Abs.)
Lee, Cal. Mosq. Control Assoc. P. 15 42, 1947.
Peters, Cal. Mosq. Control Assoc. P. 15:86-87, 1947.
Pierce et al., Sanitarian 7 720, 1945.
Reeves et al., Cal. Mosq. Control Assoc. P. 15:93,95, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:251, 1946.
Wirth, J. Ec. Ent. 40:742, 1947.
- ANOPHELES PSEUDOPUNCTIPENNIS - FLIGHT RANGE**
Levi-Castello, J. Et. Ent. 38:387, 1945.
- ANOPHELES PSEUDOPUNCTIPENNIS - INSECTICIDES - DDT**
Annand, USDA EPQ R. f. 1946/47:16.
b Gahan & Payne, Salub. y Asist. [Mexico]:71-85, 1946.
b Gahan & Payne, Amer. J. Hyg. 45. 123-132, 1947.
Knippling, Natl. Malar. Soc. J. 5:113-114, 1946.
Stage, Cal. Mosq. Control Assoc. P. 14:10-11, 1946.
Stage, Mosq. News 6:38, 1946.
- ANOPHELES PSEUDOPUNCTIPENNIS - MISSISSIPPI**
Michener, Amer. Mid. Nat. 37:373, 1947.
Peterson & Smith, J. Ec. Ent. 38:380, 1945.
- ANOPHELES PSEUDOPUNCTIPENNIS - REPELLENTS**
Pijoan et al., U. S. Nav. Med. Bul. 46: 1517-1519, 1946.
- ANOPHELES PSEUDOPUNCTIPENNIS & FILARIASIS**
Hunter & Harkema, Helminth. Soc. Wash. P. 13:48, 1946.
Scott et al., J. Parasit. 31:195,197, 1945.
- ANOPHELES PSEUDOPUNCTIPENNIS & MALARIA**
b Hackett, Rev. Inst. Salub. y Enferm. Trop. Mex. 6:239-252, 1945.
- ANOPHELES PSEUDOPUNCTIPENNIS & MALARIA--Continued.**
Moore et al., Natl. Malar. Soc. J. 4: 308-329, 1945.
Strode, Rockefeller Found. Internatl. Health Div. R. f. 1945:37-38, f. 1946 69-70.
- ANOPHELES PSEUDOPUNCTIPENNIS FRANCISCANUS McCrack.**
Farrar, J. Ec. Ent. 38:722, 1945.
Hardman, Natl. Malar. Soc. J. 6:171, 1947.
Peters, Cal. Mosq. Control Assoc. P. 15:88, 1947.
Seaman, Mosq. News 5:90, 1945.
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:66, 1947.
- ANOPHELES PSEUDOPUNCTIPENNIS FRANCISCANUS - DISTRIBUTION**
b Gjullin & Yates, Mosq. News 5:121-122,127, 1945.
- ANOPHELES PSEUDOPUNCTIPENNIS FRANCISCANUS & MALARIA**
Herms, Cal. Med. 67:96, 1947.
- ANOPHELES PSEUDOPUNCTIPENNIS PSEUDOPUNCTIPENNIS & MALARIA**
Young et al., Amer. J. Hyg. 43:326,337-341, 1946.
- ANOPHELES PUNCTIMACULA Dyar & Knab**
Husman et al., USDA EPQ ET-228.11, 1947.
- ANOPHELES PUNCTIPENNIS (Say)**
bi Aitken, Cal. Univ. Pub. Ent. 7 345-349, 1945.
Breland, Mosq. News 7 77, 1947.
Harmston & Rees, Pan-Pac. Ent. 22 156, 1946.
Lee, N. J. Mosq. Exterm. Assoc. P. 34 70, 1947.
McLeod & McLintock, Can. J. Res. Sect. E 25:35,41, 1947.
i Ross, Ill. Nat. Hist. Surv. B. 24:5,8, 25-26,30-31, 1947.
Sabrosky, Mich. TB 202.9-50, 1946.
Seaman, Mosq. News 5:90, 1945.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:251, 1946.
Wilson et al., Mosq. News 6:81-82, 1946.
- ANOPHELES PUNCTIPENNIS - BREEDING PLACES**
b Fletcher, Natl. Malar. Soc. J. 5:147-150, 1946.
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:66, 1947.
- ANOPHELES PUNCTIPENNIS - DISTRIBUTION**
b Gjullin & Yates, Mosq. News 5:121-127, 1945.
- ANOPHELES PUNCTIPENNIS - INSECTICIDES - DDT**
Barber, Mosq. News 5:54, 1945.
Stage, Natl. Malar. Soc. J. 5:100-101,1946 1946.
- ANOPHELES PUNCTIPENNIS - LARVAE**
i Miles, Natl. Malar. Soc. J. 4:235-242, 1945; Correction 5:41, 1946.
- ANOPHELES PUNCTIPENNIS - LARVAL ASSOCIATES**
Schmitt, N. J. Mosq. Exterm. Assoc. P. 32:205-206, 1945.

ANOPHELES PUNCTIPENNIS - MILITARY ZONES

Wishart & James, Ent. Soc. Ont. R. 76 40-48, 1946.

ANOPHELES PUNCTIPENNIS - MISSISSIPPI

Michener, Amer. Mid. Nat. 37:339-341, 1947.

Peterson & Smith, J. Ec. Ent. 38:380, 1945.

ANOPHELES PUNCTIPENNIS - MONTANA

Mills et al., Mont. B. 442 18, 1947.

Pletsch, Great Basin Nat. 7 23,25-28, 1946.

Pletsch, J. Lancet 66 289, 1946.

ANOPHELES PUNCTIPENNIS - PUPAE

a Burgess, Natl. Malar. Soc. J. 5 189-190, 1946.

ANOPHELES PUNCTIPENNIS - REARING

Hardman, Natl. Malar. Soc. J. 6 171, 1947.

ANOPHELES PUNCTIPENNIS - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22 213-214, 1947.

ANOPHELES PUNCTIPENNIS & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27 213-219, 1947.

Hunter & Harkema, Helminth Soc. Wash. P. 13:46, 1946.

Newton et al., Amer. J. Trop. Med. 25 255,258-261, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 56.

ANOPHELES PUNCTIPENNIS & MALARIA

Moore et al., Natl. Malar. Soc. J. 4 308-329, 1945.

Pletsch, J. Lancet 66 289, 1946.

Young et al., Amer. J. Hyg. 43:326, 337-341, 1946.

ANOPHELES QUADRIMACULATUS Say (COMMON MALARIA MOSQUITO)*

Bailey, Vt. Comnr. Agr. Bien. R. 23. 86, 1946.

Bartosewitz, N. J. Mosq. Exterm. Assoc. P. 33 165-166, 1946.

Breland, Mosq. News 7:77, 1947.

Gardiner, Can. Min. Agr. R. f. 1945/46-82.

Griffith, Okla. Acad. Sci. P. 27:24-34, 1947.

Leaver, R. I. Dept. Agr. & Conserv. R. 11:35,37, 1946.

Matheson, Mosq. News 5:1-3, 1945.

Miller, N. J. Mosq. Exterm. Assoc. P. 34:51-52, 1947.

Mulhern, N. J. Mosq. Exterm. Assoc. P. 33:93-94, 1946.

b Penfound et al., Ecology 26:332-352, 1945.

i Ross, Ill. Nat. Hist. Surv. B. 24:9, 20,23,25-29, 1947.

Sabrosky, Mich. TB 202:5-50, 1946.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21:251, 1946.

Vannote, N. J. Mosq. Exterm. Assoc. P. 34:54, 1947.

ANOPHELES QUADRIMACULATUS -- Continued.

Wilson et al., Mosq. News 6:82, 1946.

Wylie, Fla. R. f. 1946/47:203.

Wylie & Wilson, Fla. R. f. 1945/46:189

ANOPHELES QUADRIMACULATUS - AEROSOLS

Fales et al., J. Ec. Ent. 40:754, 1947.

i Lindquist et al., Soap & Sanit. Chem. 22(5) 135,137,139,141,143, 1946.

b McGovran et al., J. Ec. Ent. 39:216-219, 1946.

ANOPHELES QUADRIMACULATUS - AEROSOLS - DDT

Brescia, J. Ec. Ent. 39 698-715, 1946.

Lindquist et al., J. Ec. Ent. 38:255-257, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:69-70, 1945. (Abs.)

b Madden et al., J. Ec. Ent. 39 620-623, 1946.

ANOPHELES QUADRIMACULATUS - ANTISERUM, PUPAL

b Brooke & Proske, Natl. Malar. Soc. J. 5 45-56, 1946.

ANOPHELES QUADRIMACULATUS - BREEDING PLACES

b Fletcher, Natl. Malar. Soc. J. 5 147-150, 1946.

b Penfound et al., Ecology 26:332-352, 1945.

Pratt, U. S. Pub. Health Rpts. Sup. 200 18,21, 1947.

Vogt, N. J. Mosq. Exterm. Assoc. P. 32 252-253, 1945.

Weathersbee, N. J. Mosq. Exterm. Assoc. P. 32 97-98, 1945.

ANOPHELES QUADRIMACULATUS - BREEDING PLACES - MUCK

Schoof et al., J. Ec. Ent. 38 113-114, 1945.

ANOPHELES QUADRIMACULATUS - BREEDING PLACES - RICE FIELDS

Knowles & Fisk, U. S. Pub. Health Rpts. 60:1005-1019, 1945.

ANOPHELES QUADRIMACULATUS - BREEDING PLACES - SALINITY

b Vogt, J. Ec. Ent. 40 320-325, 1947.

ANOPHELES QUADRIMACULATUS - CONTROL

i Bishop, South. Agr. 76(5) 26-27, 1946.

Davis, Engin. News-Rec. 135 229-231, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 58.

ANOPHELES QUADRIMACULATUS - CONTROL - POTOMAC RIVER

Price & Lyman, U. S. Pub. Health Rpts. 60:985-994, 1945.

ANOPHELES QUADRIMACULATUS - FLIGHT RANGE

bi Eyles et al., U. S. Pub. Health Rpts. 60:1265-1273, 1945.

bi Gartrell & Orgain, Natl. Malar. Soc. J. 5:79-84, 1946.

Wolfenbarger & Rice, Del. B. 259:19, 1945.

ANOPHELES QUADRIMACULATUS - INSECTICIDES

i Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:55-64, 1946.

- ANOPHELES QUADRIMACULATUS - INSECTICIDES** - Continued.
Haller, Agr. Chem. 2(9):27,73, 1947.
Haller, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:14, 1947.
b Haller, Indus. & Engin. Chem. Indus. Ed. 39:468-470, 1947.
Kearns et al., J. Ec. Ent. 38:662,664-665, 1945.
Watson et al., Natl. Malar. Soc. J. 5: 195-196,199-201, 1946.
- ANOPHELES QUADRIMACULATUS - INSECTICIDES - DDT**
Cristol et al., Science 104:343-344, 1946.
Metcalf et al., U. S. Pub. Health Rpts. 60:753-774, 1945.
Simmons, U. S. Pub. Health Rpts. 60: 917-927, 1945.
- ANOPHELES QUADRIMACULATUS - LARVAE - HEAD**
bi Farnsworth, Ent. Soc. Amer. Ann. 40:137-151, 1947.
- ANOPHELES QUADRIMACULATUS - LARVAL ASSOCIATES**
Schmitt, N. J. Mosq. Exterm. Assoc. P. 32:204-205, 1945.
- ANOPHELES QUADRIMACULATUS - LARVICIDES**
Annand, USDA EPQ R. f. 1946/47:17.
Deonier & Jones, Science 103:13-14, 1946.
Deonier et al., J. Ec. Ent. 39:459-462, 1946.
i Deonier et al., USDA EPQ E-733:7-9,15-16,20-235, 1947.
- ANOPHELES QUADRIMACULATUS - LARVICIDES - DDT**
Deonier et al., J. Ec. Ent. 38:241-243, 244-249, 1945.
b Deonier et al., Soap & Sanit. Chem. 22(11):118-119,139, 1946.
Hess, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:9, 1946.
Incho & Deonier, Mosq. News 7:67-70, 1947.
Jones et al., J. Ec. Ent. 39:672, 1946.
Knowles & Fisk, U. S. Pub. Health Rpts. 60:1005-1019, 1945.
Maple, J. Ec. Ent. 38:437-439, 1945.
b Maple et al., Mosq. News 6:127-130, 1946.
bi Stage, N. J. Mosq. Exterm. Assoc. P. 32:63-65, 1945.
Upholt, U. S. Pub. Health Rpts. 62: 303-304,306,308, 1947.
U. S. Army Med. Dept. Bul. 4:633-634, 1945.
- ANOPHELES QUADRIMACULATUS - LARVICIDES - DDT & OIL**
Arnold et al., U. S. Pub. Health Rpts. Sup. 186:66-79, 1945.
Barber, Mosq. News 5:54, 1945.
b Ferguson, U. S. Pub. Health Rpts. 62:296-302, 1947.
Johnson, U. S. Pub. Health Rpts. 62: 1085-1095, 1947.
- ANOPHELES QUADRIMACULATUS - LARVICIDES - DDT & VELSICOL NR-70**
Metcalf et al., Cal. Mosq. Control Assoc. P. 15:28-34, 1947.
- ANOPHELES QUADRIMACULATUS - LARVICIDES - DDT & XYLENE & TRITON X-100**
Wisecup et al., J. Ec. Ent. 38:686-688, 1945.
- ANOPHELES QUADRIMACULATUS - LIFE HISTORY**
b Keener, Natl. Malar. Soc. J. 4:263-270, 1945.
- ANOPHELES QUADRIMACULATUS - MIGRATION**
Bresciani, Ent. Soc. Amer. Ann. 40:72-74, 1947.
- ANOPHELES QUADRIMACULATUS - MILITARY ZONES**
Wishart & James, Ent. Soc. Ont. R. 76 40-48, 1946.
- ANOPHELES QUADRIMACULATUS - MISSISSIPPI**
Michener, Amer. Mid. Nat. 37:332-335,337, 1947.
Peterson & Smith, J. Ec. Ent. 38:380, 1945.
- ANOPHELES QUADRIMACULATUS - NOCTURNAL BEHAVIOR**
Tarzwell & Fisk, U. S. Pub. Health Rpts. 62:87-94, 1947.
- ANOPHELES QUADRIMACULATUS - OLFACTORY RESPONSE**
b Willis, J. Ec. Ent. 40 769-778, 1947.
- ANOPHELES QUADRIMACULATUS - POPULATIONS**
Bradley & Fritz, Natl. Malar. Soc. J. 4:251-262, 1945.
i Carpenter, J. Ec. Ent. 38 721-722, 1945.
Horsfall, Ent. News 57:242-243, 1946.
- ANOPHELES QUADRIMACULATUS - PUPAE**
i Burgess, Natl. Malar. Soc. J. 5:189-191, 1946.
- ANOPHELES QUADRIMACULATUS - REARING**
i Elde, Mosq. News 5:82-85, 1945.
bi Heal & Pergrin, N. J. Mosq. Exterm. Assoc. P. 32:105-112, 1945.
Peffly et al., Ohio J. Sci. 46:65-70, 1946.
- ANOPHELES QUADRIMACULATUS - REPELLENTS**
Dove, Soap & Sanit. Chem. 21(1):121, 121B, 1945.
b Haller, Indus. & Engin. Chem. Indus. Ed. 39:472-473, 1947.
Jones et al., Soap & Sanit. Chem. 22 (10):151,153, 1946.
Linduska & Morton, J. Ec. Ent. 40. 562, 1947.
i Morton et al., USDA EPQ E-733:10-11,18-235, 1947.
Travis, Natl. Malar. Soc. J. 6:182-183, 1947.
Travis & Morton, N. J. Mosq. Exterm. Assoc. P. 33:65-66, 1946.
Travis et al., J. Ec. Ent. 39:628-630, 1946.
- ANOPHELES QUADRIMACULATUS - SALIVARY GLANDS**
b Metcalf, Natl. Malar. Soc. J. 4:271-278, 1945.

- ANOPHELES QUADRIMACULATUS - SALIVARY GLANDS - DISSECTION**
Josephson et al., Science 105 650-651, 1947.
- ANOPHELES QUADRIMACULATUS - SCREENS**
i Block, Amer. J. Pub. Health 36.1280-1286, 1946.
Block, Science 104:447, 1946.
- ANOPHELES QUADRIMACULATUS - SONIFICATION - RECORDING**
Kahn et al., Science 101.335-336, 1945.
- ANOPHELES QUADRIMACULATUS - SOUTH CAROLINA**
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22.214, 1947.
- ANOPHELES QUADRIMACULATUS - SPRAYS**
Cutkomp, J. Ec. Ent. 40 328-333, 1947.
i Fay et al., J. Ec. Ent. 40 635-640, 1947, Erratum 40 895, 1947.
i Rice et al., Soap & Sanit. Chem. 21 (3) 119,121,146, 1945.
- ANOPHELES QUADRIMACULATUS - SPRAYS - DDT**
Annand, USDA EPQ R. f. 1945/46 8, 1947.
Bradley, Cal. Mosq. Control Assoc. P. 14 15-19, 1946.
Bradley, N. J. Mosq. Exterm. Assoc. P. 33.43-47, 1946.
b Bradley & Fritz, Natl. Malar. Soc. J. 5 141-145, 1946, 6 117-121, 1947
Bradley & Lyman, N. J. Mosq. Exterm. Assoc. P. 34.43-46, 1947.
Clapp et al., U. S. Pub. Health Rpts. 62 158-170, 1947.
Fay et al., U. S. Pub. Health Rpts. Sup. 186 21-34, 1945.
Fay et al., U. S. Pub. Health Rpts. 62 149-158, 1947.
Gahan & Lindquist, J. Ec. Ent. 38.223-230, 1945.
b Gahan et al., J. Ec. Ent. 38:231-235, 236-240, 1945.
Hansens, N. J. Mosq. Exterm. Assoc. P. 32.57-61, 1945.
Hinman & Cutkomp, Amer. J. Trop. Med. 27:452-461, 1947.
Husman et al., USDA EPQ ET-228.10, 1947.
Knippling, Natl. Malar. Soc. J. 5 116-117, 1946.
Knowles & Smith, U. S. Pub. Health Rpts. 61:1806-1810, 1946.
Kruse & Metcalf, U. S. Pub. Health Rpts. 61:1183-1184, 1946.
Lindquist & McDuffie, J. Ec. Ent. 38. 608, 1945.
Lindquist et al., Soap & Sanit. Chem. 21(7):109,111,113,119, 1945.
Link, Natl. Malar. Soc. J. 6:125-126, 1947.
Madden et al., J. Ec. Ent. 40:119-121, 1947.
Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:280.
Schroeder et al., Soap & Sanit. Chem. 22(4):145,147,153, 1946.
Sebora et al., Mosq. News 6.170, 1946.
Stage, Cal. Mosq. Control Assoc. P. 14:9-11, 1946.
- ANOPHELES QUADRIMACULATUS - SPRAYS - DDT--Continued.**
Stage, Natl. Malar. Soc. J. 5:100, 1946.
Tarzwell & Fisk, U. S. Pub. Health Rpts. 62.87-94, 1947.
Tarzwell & Stierli, U. S. Pub. Health Rpts. Sup. 186.42-48, 1945.
Warner, Med. Assoc. Ala. J. 15.174-175, 1945.
Wisecup et al., Mosq. News 6.20-24, 1946.
- ANOPHELES QUADRIMACULATUS - SPRAYS - DDT MIXTURES**
b Hess & Keener, Amer. J. Hyg. 45. 133-143, 1947.
Jones et al., J. Ec. Ent. 38.691-693, 1945.
- ANOPHELES QUADRIMACULATUS - TAGGING**
Chang, Mosq. News 6.122-125, 1946.
- ANOPHELES QUADRIMACULATUS - TENNESSEE VALLEY**
i Bishop, Amer. J. Nurs. 46 282-284, 1946.
bi Gartrell & Orgain, Natl. Malar. Soc. J. 5 79-84, 1946.
b Penfound et al., Ecology 26.332-352, 1945.
Watson et al., Natl. Malar. Soc. J. 5: 193-203, 1946.
- ANOPHELES QUADRIMACULATUS - VERMONT**
Barnes, Mosq. News 6:32-33, 1946.
- ANOPHELES QUADRIMACULATUS - WATER LEVEL FLUCTUATION**
bi Hall et al., Tenn. Acad. Sci. J. 21 18-59, 1946.
- ANOPHELES QUADRIMACULATUS & AQUATIC PLANTS**
Hess, N. Cent. Weed Control Conf. P. 3 119-120, 1947?
b Hess & Hall, Natl. Malar. Soc. J. 4. 20-46, 1945.
- ANOPHELES QUADRIMACULATUS & FILARIASIS**
Eyles & Most, Amer. J. Trop. Med. 27.214-217,219, 1947.
Hunter & Harkema, Helminth. Soc. Wash. P. 13 46,48, 1946.
Newton & Pratt, Amer. J. Trop. Med. 26:700-702,704-706, 1946.
Newton et al., Amer. J. Trop. Med. 25:255-256,258-261, 1945.
Parran, U. S. Pub. Health Serv. R. 73 [i.e. 74] f. 1944/45.58.
- ANOPHELES QUADRIMACULATUS & MALARIA**
Boyd, Amer. J. Trop. Med. 25:293-306, 1945.
b Burgess & Young, Natl. Malar. Soc. J. 5:151-152, 1946.
Chandler, Rice Inst. Pam. 33:235,239, 241, 1946.
Coatney et al., Amer. J. Hyg. 46:85-98,101,103,106-107,109-113,132-139, 1947.
Cooper & Coatney, Amer. J. Hyg. 46: 121-125,127, 1947.
i Duck, Okla. Game & Fish News 2(4): 6-7, 1946.
Eddy, R. I. Dept. Agr. & Conserv. R. 10:47-48, 1945.

ANOPHELES QUADRIMACULATUS & MALARIA--Continued.

- Faust, Amer. J. Trop. Med. 25:196-198, 1945.
 Faust, Miss. Doctor 22:308,310, 1945.
 b Fellton et al., Natl. Malar. Soc. J. 4:203-206, 1945.
 Johnson, Natl. Malar. Soc. J. 5:2-6, 1946.
 Knowles & Smith, U. S. Pub. Health Rpts. 60:1276,1278-1279, 1945.
 b1 Lang & Sterenberg, N. J. Mosq. Exterm. Assoc. P. 34:184-192, 1947.
 Lapage, Mil. Surg. 97:27, 1945.
 b McDaniel et al., Natl. Malar. Soc. J. 5:229-230, 1946.
 b Madden, Fla. Ent. 28:2-3, 1945.
 Martin, N. J. R. 66:87-88, 1946.
 Parran, U. S. Pub. Health Serv. R. 73 [i.e. 74] f. 1944/45:95.
 b Penfound et al., Ecology 26:332-352, 1945.
 Pierce, Mich. Dept. Health Mich. Pub. Health 33:129-130, 1945.
 Rector, Natl. Malar. Soc. J. 5:277-278, 1946.
 Strode, Rockefeller Found. Internatl. Health Div. R. f. 1946:50-51,69.
 Trembley, N. J. Mosq. Exterm. Assoc. P. 34:34-35, 1947.
 Trotti, Tex. St. J. Med. 40:544-545, 1945.
 Williams, U. S. Pub. Health Rpts. 60:464-469, 1945.
 Young et al., Natl. Malar. Soc. J. 4:127-131, 1945.
ANOPHELES QUADRIMACULATUS & MALARIA, AVIAN
 b Haas & Atkins, Natl. Malar. Soc. J. 6:244-245, 1947.
ANOPHELES QUADRIMACULATUS & MALARIA, IMPORTED
 Watson, Natl. Malar. Soc. J. 4:183-188, 1945.
 b Young et al., Amer. J. Hyg. 43:326-341, 1946.
 b Young et al., Amer. J. Trop. Med. 26:477-482, 1946.
ANOPHELES QUADRIMACULATUS & MALARIA, PACIFIC STRAINS
 Watson, Amer. J. Trop. Med. 25:315-321, 1945.
ANOPHELES QUADRIMACULATUS & TEMPERATURE
 Lindquist et al., Kans. Ent. Soc. J. 19:13-14, 1946.
ANOPHELES TRIANNULATUS (Neiva & Pinto)
 Husman et al., USDA EPQ ET-228:11, 1947.
ANOPHELES VESTITIPENNIS Dyar & Knab
 Pratt, U. S. Pub. Health Rpts. Sup. 200:3,17,20, 1947.
ANOPHELES VESTITIPENNIS & MALARIA
 Caldwell, P. R. J. Pub. Health & Trop. Med. 21:197, 1945.
ANOPHELES WALKERI Theob.
 McLeod & McLintock, Can. J. Res. Sect. E 25:35, 41, 1947.

ANOPHELES WALKERI--Continued.

- i Pelaez, Bol. Epidemiologico, Mex., No. 1,13, 1946.
 i Ross, Ill. Nat. Hist. Surv. B. 24:5,8, 25-26,29-30, 1947.
 Sabrosky, Mich. TB 202:9-50, 1946.
 Shlaifer & Harding, Tenn. Acad. Sci. J. 21:251, 1946.
 Vannote, N. J. Mosq. Exterm. Assoc. P. 34:54, 1947.
 Wilson et al., Mosq. News 6:82, 1946.
 Wirth, J. Ec. Ent. 40:742, 1947.
ANOPHELES WALKERI - COLLECTION & PRESERVATION
 b Eyles & Burgess, J. Ec. Ent. 38:115, 1945.
ANOPHELES WALKERI - LARVAE - RESISTANCE TO DROUGHT
 Bick & Penn, Ent. Soc. Amer. Ann. 40:82-86, 1947.
ANOPHELES WALKERI - MILITARY ZONES
 Wishart & James, Ent. Soc. Ont. R. 76:40-48, 1946.
ANOPHELES WALKERI - MISSISSIPPI
 Michener, Amer. Mid. Nat. 37:341, 1947.
 Peterson & Smith, J. Ec. Ent. 38:380, 1945.
ANOPHELES WALKERI - PUPAE
 Burgess, Natl. Malar. Soc. J. 5:190, 1946.
ANOPHELES WALKERI - RESTING PLACES, DAYTIME
 b Barnes, J. Ec. Ent. 38:114, 1945.
ANOPHELES WALKERI - SOUTH CAROLINA
 b Eyles & Burgess, J. Ec. Ent. 38:115, 1945.
 b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:214, 1947.
ANOPHELES WALKERI - VERMONT
 Barnes, Mosq. News 6:32-33, 1946.
ANOPHELES WALKERI & FILARIASIS
 Eyles & Most, Amer. J. Trop. Med. 27:213-216,218-219, 1947.
ANOPHELES WALKERI & MALARIA
 Young et al., Amer. J. Hyg. 43:327, 337, 1946.
ANOPHELES XELAJUENSIS DeLeon - PANAMA
 Galindo, Pan-Pac. Ent. 23:44, 1947.
ANOPHELINI - MEXICO
 ik Pelaez, Ciencia 6:69-77, 1945.
ANOPLITIS INAEQUALIS (Weber)
 Smith, B. C. Ent. Soc. P. 43:24, 1947.
ANOPLIUM MASONI Knull, A. UNICOLOR Hald.
 i Knull, Ohio Biol. Surv. B. 39:196-197, 1946.
ANOPLADERA BIFORIS (Newm.), A. CANADENSIS (Oliv.)
 Knull, Ohio Biol. Surv. B. 39:167-168, 1946.
ANOPLADERA CHRYSOCOMA (Kby.)
 i Hardy, Victoria Nat. 2:92, 1945.
 Knull, Ohio Biol. Surv. B. 39:168, 1946.
ANOPLADERA CIRCUMDATA (Oliv.) 169, A. CORDIFERA (Oliv.) 165
 Knull, Ohio Biol. Surv. B. 39: 1946.

- ANOPLODERA DOLOROSA** (Lec.)
 1 Hardy, Victoria Nat. 2 90-91, 1945
- ANOPLODERA INSTABILIS** (Hald.)
 Knowlton, Bklyn. Ent. Soc. B. 40 110, 1945.
- ANOPLODERA LAETA** (Lec.)
 1 Hardy, Victoria Nat. 2 92, 1945.
- ANOPLODERA MINNESOTANA** (Casey),
 A. MUTABILIS (Newm.), A. NIGRELLA (Say), A. NITENS (Forst.), A. OCTONOTATA (Say), A. PROXIMA (Say), A. PUBERA (Say), A. RUBRICA (Say), A. VAGANS (Oliv.)
 Knull, Ohio Biol. Surv. B. 39 165-170, 1946.
- ANOPLODERA VEXATRIX** Mann.
 1 Hardy, Victoria Nat. 2 91, 1945.
- ANOPLODERA VITTATA** (Swed.)
 Knull, Ohio Biol. Surv. B. 39 170, 1946
- ANOPLONYX** Marl
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 66, 1945.
- ANOPLONYX** sp.
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 33, 1945.
- ANOPLONYX LARICIS** (Marl.) (MARTT'S LARCH SAWFLY)
 Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 39, 1946.
 Bradley, Can. Ins. Pest Rev. 24 63, 1946.
- Bradley & MacDonald Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 46, 1947.
- Davault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 24-25, 1947.
- Davault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 22, 1946.
- Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 18, 1945
- Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 48, 1946.
- Peterson & Davault, Can. Ins. Pest Rev. 25 68, 1947.
- Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 47-48, 1945.
- ANOPLURA**
 Cole, U. S. Pub. Health Rpts. 61 1478, 1946.
- ANOPLURA - HEAD & MOUTH PARTS**
 bi Stojanovich, Microentomology 10 (1) 46 p., 1945.
- ANOPLURA - THERAPEUTIC USE**
 b Weiss, N. Y. Ent. Soc. J. 55:157, 1947.
- ANT LIONS, see MYRMELEONTIDAE**
- ANTEOS MAERULA** (F.)
 Martorell, P. R. Univ. J. Agr. 29:484-485, 1945.
- ANTEOS MAERULA - FLORIDA**
 Sanford, N. Y. Ent. Soc. J. 53 136, 1945.
- ANTHANASSA FRISIA FRISIA** (Poey) - EARLY STAGES
 1 Chermock & Chermock, Can. Ent. 79:142-144, 1947.
- ANTHIDIUM EDWARDSII** Cress. & POL-LINATION
 Linsley, J. Ec. Ent. 39:22-23, 28, 1946.
- ANTHOCORIS ANTEVOLENS** White - PREY
 Knowlton, Bklyn. Ent. Soc. B. 41:103, 1946.
- ANTHOCORIS MELANOCERUS** Reut. - PREY
 Knowlton, Bklyn. Ent. Soc. B. 41:103, 1946.
- ANTHOCORIS MUSCULUS** (Say) - PREY
 Knowlton, Bklyn. Ent. Soc. B. 41:103, 1946.
- ANTHOMYIA PLUVIALIS** (L.) & MYIASIS
 1 James, USDA Misc. Pub. 631 121-122, 1947.
- ANTHOMYIIDAE - INSECTICIDES**
 b Roark, USDA EPQ E-652 3-5, 1945.
- ANTHONOMUS COSTULATUS** Suffr.
 Wolfenbarger, Fla. St. Hort. Soc. P. 60:169, 1947.
- ANTHONOMUS EUGENII** Cano (PEPPER WEEVIL)*
 Alden, Ga. Dept. Ent. B. 90 13-14, 1947.
 Bissell & Dupree, Ga. B. 254 16, 1947.
 Kelsheimer, Fla. R. f. 1944/45:120, f. 1945/46:113.
 1 Vorhies & Wehrle, Ariz. B. 203:37-38, 1946.
 White, USDA EPQ E-642 4, 1945, E-692 8, 1946.
 USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:13, 1946.
- ANTHONOMUS EUGENII - GENITALIA - MALE**
 1 Bruhn, Great Basin Nat. 8 17, 1947.
- ANTHONOMUS GRANDIS** Boh. (BOLL WEEVIL)*
 Annand, New Internatl. YB 1944 296, 1945.
 Isely, Ark. B. 462:3-7, 11, 18-19, 21-23, 26-27, 1946.
 1 Kerr, La. Comnr. Agr. & Immigr. Bien. R. 32 31-32, 36, 1946.
 Loftin, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944 12, 1945.
 Lyle, Miss. Farm Res. 8(5):7-8, 1945.
 Starnes, Agr. Flying; Ground School Curriculum Offered in Conjunction with Crop Dusting Training. 5, 1947.
 1 Life 19(18) 82-84, 1945.
 1 USDA EPQ Picture Sheet 15.2 p., 1946.
- ANTHONOMUS GRANDIS - CONTROL**
 Bullock, Pract. Farm. for So. ed. 2 221-225, 1946.
 Jones, S. C. Dept. Agr. YB f. 1944/45: 62-65. f. 1945/46 65-67, f. 1946/47 69.
 1 King, Tex. Ext. B. 154:2, 9-10, 1947.
 Robinson & Arant, Ala. Mimeo. Ser. 19, 2 p., 1945.
 Westbrook, Ga. Ext. B. 523:38-40, 1945.
 Va. Ext. B. 97 rev. 43-44, 1947.
- ANTHONOMUS GRANDIS - DUSTS**
 Becnel et al., J. Ec. Ent. 40:508-513, 1947.
 Brett & Rhoades, J. Ec. Ent. 40:572-574, 1947.
 Drew et al., S. C. R. 59:172, 1947.

ANTHONOMUS GRANDIS - DUSTS--
Continued.

- Dutsch et al., La. R. f. 1944/45:60, 1946.
Ewing et al., Assoc. South. Agr. Workers P. 44:124-125, 1947. (Abs.)
b Ewing et al., J. Ec. Ent. 40:374-381, 1947.
b Gaines, J. Ec. Ent. 38:300-304, 1945; 40:434-436, 1947.
Gaines & Dean, J. Ec. Ent. 40:365-370, 1947.
Gaines et al., Assoc. South. Agr. Workers P. 44:126, 1947. (Abs.)
b Gaines et al., J. Ec. Ent. 40:113-115; 600-603, 1947.
Haddon et al., La. R. f. 1945/46:104-105, 1947.
Harned, Southeast. Cotton Ins. Control Conf. R. P. 1:29-31, 1947.
Ivy & Ewing, J. Ec. Ent. 39:38-39, 1946, 40:568-569, 1947.
b Ivy et al., J. Ec. Ent. 40:514-515, 517, 1947.
King, Ga. Coastal Plain B. 44.42, 1947.
Kulash, Southeast. Cotton Ins. Control Conf. R. P. 1:19-22, 1947.
Lincoln, Ark. Ext. Leaf. 52 rev., 8 p., 1947.
Rainwater & Bondy, J. Ec. Ent. 40:371-373, 1947.
Robinson, Ala. R. 54/55:26-27, 1946.
i Stiles, Okla. Ext. C. 430:4-6, 1946.
Trullinger et al., USDA OES R. f. 1945/46:111, 1947.
Upchurch, Southeast. Cotton Ins. Control Conf. R. P. 1:31-33, 1947. (Abs.)
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 10, 1947.
ANTHONOMUS GRANDIS - DUSTS - DDT
Loftin, USDA EPQ E-657:1-2, 1945.
ANTHONOMUS GRANDIS - DUSTS - EFFECT ON PRE-ADULTS
Rainwater, J. Ec. Ent. 40:923-924, 1947.
ANTHONOMUS GRANDIS - GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:17, 1947.
ANTHONOMUS GRANDIS - INSECTICIDES
Anderson, USDA R. Sec. f. 1947:138.
Annand, USDA EPQ R. f. 1943/44:15-16; f. 1944/45:16, 20-21; f. 1945/46. 6, 10-11; f. 1946/47:12-15.
Baver, N. C. R. 68:26, 1945; 69:26, 1946.
Becnel et al., Assoc. South. Agr. Workers P. 44:121, 1947. (Abs.)
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:10-17, 1947.
Bondy & Rainwater, S. C. R. 57:99-104, 1945; 58:101-102, 1946; 59:109-113, 1947.
b Kulash, J. Ec. Ent. 40:644-650, 1947; Erratum, 40:895, 1947.
Rainwater & Bondy, Assoc. South. Agr. Workers P. 44:130, 1947. (Abs.)
Edwards Chem. Corp., H-4 Emulsion Concentrate:5-7, 1947.

ANTHONOMUS GRANDIS - INSECTICIDES - DDT
Parencia et al., J. Ec. Ent. 39:334-335, 1946.

ANTHONOMUS GRANDIS - LOSSES CAUSED BY

- Annand, USDA EPQ R. f. 1944/45:33-34, 1946.
ANTHONOMUS GRANDIS - PARASITES
Annand, USDA EPQ R. f. 1944/45:23, f. 1945/46:22, 24.
Bissell, Ent. Soc. Amer. Ann. 38:418, 438-439, 1945.

ANTHONOMUS GRANDIS - POPULATIONS - FACTORS

- Bondy & Rainwater, S. C. R. 58:103-104, 1946.

ANTHONOMUS GRANDIS - SURVEYS

- Annand, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.37, 1946.
Armitage et al., Cal. Dept. Agr. B. 35:196, 1946.

ANTHONOMUS GRANDIS & CHEMICAL DEFOLIATION

- Bailey, Agr. Chem. 2(11) 26, 1947.
ANTHONOMUS MUSCULUS Say (CRANBERRY WEEVIL)*
Beckwith, N. J. Dept. Agr. C. 356 44-45, 1945.
Beckwith, USDA FB 1951 rev. 35, 1946.
ANTHONOMUS MUSCULUS - BLUEBERRIES

- i Doehrlert & Tomlinson, N. J. C. 504, 8 p., 1947.

ANTHONOMUS SCUTELLARIS Lec. (PLUM GOUGER)*

- Edmondson, Wyo. Ext. C. 58 rev. 27, 1945.

ANTHONOMUS SIGNATUS Say (STRAWBERRY WEEVIL)*

- Cannon, Can. Ins. Pest Rev. 24:12, 1946.
Cummings, Amer. Nurseryman. 84(6) 16, 1946.
Dorval, Assoc. Can.-Franç. Avanc. Sci. Ann. 7:129, 1945.
Gauthier, Can. Ins. Pest Rev. 24:30, 1946.

- Gauthier, Quebec Min. Agr. R. f. 1944/45:60.

- Gauthier et al., Can. Ins. Pest Rev. 25:101, 1947.

- Maxwell, Can. Ins. Pest Rev. 24:23, 1946; 25:100, 1947.

- Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946.

ANTHONOMUS SIGNATUS - CONTROL

- Freeman, Northw. Gard. & Homes 15 (4):13, 28, 1947.

- i Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44:1-3, 1946.

ANTHONOMUS SIGNATUS - INSECTICIDES

- i Colby, Ill. Ext. C. 453 rev. 48, 1946.
i Maxwell, Can. Dept. Agr. Div. Ent. Processed Pub. 66, 4 p., 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev. 20-21, 1946.
b Thomas, J. Ec. Ent. 38:678-682, 1945.

ANTHONOMUS SIGNATUS - INSECTICIDES--Continued
Williams, Conn. Ext. B. 388.19, 1947.

ANTHONOMUS SIGNATUS - INSECTICIDES - DDT
Daggy et al., Minn. Ext. B. 252.12, 1946.
Gardiner, Can. Min. Agr. R. f. 1946/47. 83.

ANTHONOMUS SIGNATUS - ILE D'OR-LEANS
Morisset, Assoc. Can.-Franç. Avanc. Sci. Ann. 12.89, 1946. (Abs.)
Morisset, Quebec Soc. Protect. Plants R. 30.64-65, 1947.

ANTHONOMUS SIGNATUS - KENTUCKY
Armstrong, Hoosier Hort. 29.149, 1947.

ANTHONOMUS SIGNATUS - NOVA SCOTIA
Nearby, N. S. Dept. Agr. R. f. 1943/44 103, 1945, f. 1945/46 94, 1947.
Nearby, N. S. Fruit Grow. Assoc. R. 82:38, 1945, 83.25, 1946, 84.116-117, 1947.

ANTHONOMUS SQUAMOSUS Lec. - GENITALIA - MALE
i Bruhn, Great Basin Nat. 8 17, 1947

ANTHONOMUS VESTITUS Boh. - PARASITES
b Berry, J. Ec. Ent. 40.801-804, 1947.

ANTHOPHILA PARIANA (Clerck) (APPLE & THORN SKELETONIZER)*
Downes, Can. Ins. Pest Rev. 24 126, 1946.
Downes et al., Can. Ins. Pest Rev. 25 86, 1947.
Glendenning, Can. Ins. Pest Rev. 24 117, 1946.
Ross, Can. Ins. Pest Rev. 24.48, 1946.

ANTHOPHORA ABRUPTA Say PARASITES
b Rau, Ent. Soc. Amer. Ann. 40 221-226, 1947.

ANTHOPHORA STANFORDIANA Ckll.
b Linsley, Bklyn. Ent. Soc. B. 40:67-68, 1945.

ANTHOPHYLAX ATTENUATUS (Hald.), A. MALACHITICUS (Hald.), A. QUADRIMACULATUS Champln. & Knull, A. VIRIDIS Lec.
Knull, Ohio Biol. Surv. B. 39.176-177, 1946.

ANTHRAX ALBOFASCIATUM Macq., see SPOGOSTYLUM ALBOFASCIATUM (Macq.)

ANTHRAX DAPHNE (O.-S.), see SPOGOSTYLUM DAPHNE (O.-S.)

ANTHRAX DISTIGMA (Wied.)
i Swezey, Hawaiian Ent. Soc. P. 12 421-422, 1945.

ANTHRAX IRROBRATUM Say, see SPOGOSTYLUM OEDIPUS (F.)

ANTHRAX PAUPER (Loew), see SPOGOSTYLUM PAUPER (Loew)

ANTHRAX SLOSSONAE (Johns.), see SPOGOSTYLUM SLOSSONAE Johns

ANTHRENUUS FUSCUS (Oliv.)
Linsley, Pests 14(7):14, 1946.

ANTHRENUUS LEPIDUS (Lec.) (BIRD-NEST CARPET BEETLE)
Linsley, Pests 14(7):10,12,14, 1946.

ANTHRENUUS LEPIDUS--Continued.
Michelbacher, Pests 15(6):8,10, 1947.

ANTHRENUUS MUSEORUM (L.)
Gray, Pests 15(8):10, 1947.
Linsley, Pests 14(7):16, 1946.

ANTHRENUUS OBTECTUS Casey, A. OC-CIDENS Casey, A. PIMPINELLAE (F.)
Linsley, Pests 14(7) 12,14,16, 1946.

ANTHRENUUS SCROPHULARIAE (L.) (CARPET BEETLE)* (BUFFALO CARPET BEETLE)
Cannon, Can. Ins. Pest Rev. 24.13, 1946.
Gray, Pests 15(8).10, 1947.
i Kyd, Okla. Ext. C. 454:6-7, 1947.
i Mallis, Pest Control & Sanit. 1(8):8-9, 1946.
Manson et al., Can. Ins. Pest Rev. 24 101, 1946.
i Schmitt, N. J. C. 496, 7 p., 1945.
i Shepard, Pests 14(11).14,16, 1946.
i Stiles, Okla. Ext. C. 223 rev. 6-8, 1946?

ANTHRENUUS SCROPHULARIAE - HABITS & BEHAVIOR
Linsley, Pests 14(7).12,14, 1946.

ANTHRENUUS SCROPHULARIAE - INSECTICIDES
King, Tex. Ext. B. 151.6-7, 1947.
Molnar, Soap & Sanit. Chem. 23(7) 143,145,147,149, 1947.

ANTHRENUUS SCROPHULARIAE - INSECTICIDES - DDT
Daggy et al., Minn. Ext. B. 252.10-11, 1946.
Haseman et al., Mo. C. 309:5, 1946.
Price, Ky. Ext. C. 438.6, 1947.
USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests 10, 1947.

ANTHRENUUS SCROPHULARIAE - REPELLENTS
Mitchell, Textile World 96(11):170, 221, 1946.

ANTHRENUUS VERBASCI (L.) (VARIED CARPET BEETLE)*
Downes et al., Can. Ins. Pest Rev. 25 118, 1947.
b Linsley, Pests 14(7) 12,14,16, 1946.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):12-13, 1946.
Mallis, Pest Control & Sanit. 1(8):9, 1946.
Michelbacher, Pests 15(6).8,10, 1947.
i Schmitt, N. J. C. 496,7 p., 1945.

ANTHRENUUS VERBASCI - NYLON
Patton, J. Ec. Ent. 38:522-523, 1945.

ANTHRENUUS VORAX (Waterh.) (FURNITURE CARPET BEETLE)*
Back, J. Ec. Ent. 39:721-723, 1946.
Gertler, USDA EPQ E-705:6, 1946.
Gray, Pests 15(8).10, 1947.
b Linsley, Pests 14(7):12, 1946.
Mallis, Pest Control & Sanit. 1(8):9, 1946.
Parker & Beachler, Del. B. 264:17,25, 1947.
i Schmitt, N. J. C. 496,7 p., 1945.
Stearns, Soap & Sanit. Chem. 23(1): 119,141, 1947.

ANTHRIBIDAE - LARVAE

bik Anderson, Ent. Soc. Amer. Ann. 40:489-516, 1947.

ANTHRIBIDAE - NOMENCLATURE

Bradley, Bklyn. Ent. Soc. B. 41:96, 1946.

ANTIBIOTIC SUBSTANCES - BACILLUS LARVAE

Anderson, USDA R. Sec. f. 1947:139-140.

Annard, USDA EPQ R. f. 1944/45:28; f. 1945/46:25-26, f. 1946/47:30.

Holst, Science 102:593-594, 1945.

Holst, Sci. News Let. 48:371, 1945.

Holst, USDA YB f. 1943/47:686-688.

ANTICARSIA GEMMATILIS (Hbn.) (VEL-VETBEAN CATERPILLAR)* (PEANUT WORM)

Annard, USDA EPQ R. f. 1944/45:32, f. 1946/47:33.

Baker, USDA EPQ Ins. Pest Surv. Sum of Ins. Conditions in 1944:5, 1946.

Bruner & Deschappelles, Cuba (Santiago de las Vegas) C. 84 10, 1946.

Lincoln & Miner, Ark. Ext. C. 437:13-14, 1945.

Martorell, P. R. Univ. J. Agr. 29 509-510, 1945.

Watson, Fla. Grow. 55 [i.e. 54] (9):15, 1946.

Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Serv. 4:76,78, 1947.

USDA EPQ ins. Pest Surv. Sum. of Ins. Conditions in 1945:5, 1946.

ANTICARSIA GEMMATILIS - INSECTICIDES

Baver, N. C. R. 69:55-56, 1946.

Dugas, Amer. Assoc. Ec. Ent. Cotton Sis. Branch P. 19:94-97, 1945.

Dugas & Concienne, Assoc. South. Agr. Workers P. 44:123-124, 1947. (Abs.)

Dugas & Smith, La. R. f. 1944/45:59-60, 1946.

Dugas et al., La. R. f. 1945/46:54-55, 1947.

English, Ala. R. 54/55:28, 1946.

Howland, Better Homes & Gard. 25 (4) 136, 1946.

King, Ga. Coastal Plain B. 44:44-45, 1947.

Kulash, J. Ec. Ent. 40:927-928, 1947.

Lyle, Miss. Farm Res. 8(8):1, 1945.

1 Smith, N. C. Res. & Farm. 4(Prog. R. 3):7,9, 1946.

Ga. Coastal Plain Mimeo. Paper 47, 2 p., 1946.

ANTICARSIA GEMMATILIS - INSECTICIDES - DDT

Packard, USDA EPQ E-640:3, 1945.

ANTICARSIA GEMMATILIS - KUDZU Telford & Childers, P. R. (Mayaguez) C. 27:27, 1947.

ANTICARSIA GEMMATILIS - PARASITES

Plank, P. R. (Mayaguez) R. f. 1944. 26, 1945.

ANTICARSIA GEMMATILIS - PEANUTS English, Ala. Prog. R. Ser. 26,3 p., 1946.

1 English, J. Ec. Ent. 39:531-533, 1946.

ANTICARSIA GEMMATILIS - PEANUTS

--Continued.

b Harris et al., Soil Sci. Soc. Amer. P. 11:413-416, 1947.

ANTICARSIA GEMMATILIS - SURVEYS

Annard, USDA EPQ R. f. 1946/47:32-33

ANTICORIXA GEORGIENSIS Egbert ni Egbert, Kans. Ent. Soc. J. 19:133-135, 1946.

ANTIQUE TUSsock Moth. see NOTOLOPHUS ANTIQUUS (L.)

ANTONINA BAMBUSAE (Mask.)

Martorell, P. R. Univ. J. Agr. 29:394, 1945.

Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No 2):5.

ANTONINA CRAWI Ckll.

Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):4-5.

ANTONINA GRAMINIS (Mask.) (RHODES-GRASS SCALE)*

1 McDowell, Tex. R. 58:73, 1946.

ANTS

Arnason et al., Can. Ins. Pest Rev. 24: 88,90, 1946.

Bird & Mitchener, Can. Ins. Pest Rev. 24:73, 1946.

Davis, Ind. Acad. Sci. P. 56:153, 1946?

1 Dodge, Poisonous Dwellers of the Desert. 21-24, 1947.

1 Fullaway & Krauss, Common Ins. of Hawaii. 182-186, 1945.

1 Mallis, Handb. of Pest Control. 259-317, 1945.

Manson et al., Can. Ins. Pest Rev. 24 101, 1946, 25:117, 1947.

Smith et al., Kans. Ent. Soc. J. 19:42, 1946, 20:46-47, 1947.

ANTS, see also FORMICIDAE

ANTS - BAKERIES

Fisher, Bakers' Helper 86(1071):52, 55, 1946.

Holmes, Bakers' Helper 86(1072):54, 1946.

1 Ostrolenk & Kramer, Baker's Digest 21:63, 1947.

ANTS - CASTES

Flanders, Science 101:245-246, 1945.

1 Gregg, Can. Ent. 77:74-76, 1945.

ANTS - CONTROL

1 Eckert, Pest Control & Sanit. 1(3): 8-9, 1946.

Howard, Better Homes & Gard. 25(9). 219, 1947.

Osuna, P. R. (Rio Piedras) Ext. C. Esp. 9 rev., 2 p., 1945.

Sherwood & Bishop, W. Va. Ext. C. 325 rev.:12, 1945.

Tissot, Fla. Grow. 54(1):16-17, 1946.

1 U. S. War Dept. TM 5-632 (PB-2435): 84-86, 1945.

ANTS - CONTROL - BLOWTORCH

Golden, Coronet 19(5):31, 1946.

ANTS - DISEASES, FUNGUS

Smith, Ent. Soc. Wash. P. 48:29-31, 1946.

ANTS - DUSTS

Thompson, Fla. R. f. 1946/47:157.

ANTS - DUSTS - DDT

Haseman et al., Mo. C. 309:5-6, 1946.

Newcomer, Wash. St. Hort. Assoc. Proc. 41:53, 1945.

- ANTS - FLIGHT
Talbot, Amer. Mid. Nat. 34:504-510, 1945.
- ANTS - FLOWER GARDENS
1 Lecker, Ind. Ext. B. 239 rev. 14-15, 1947.
Lyle, Miss. Farm Res. 8(6) 8, 1945.
Lyle, Miss. Inform. Sheet 344.2, 1945.
- ANTS - FORMICARIES, see ANTS - NESTS
- ANTS - FUMIGANTS
Ahlgren, N. J. B. 724 25-26, 1946.
b McIndoo, USDA EPQ E-666 6, 1945
- ANTS - HABITS & BEHAVIOR
Abbott, Nat. Hist. 56 134-135, 142, 1947.
Basinger, Cit. Leaves 26(2) 11, 1946
Battista, Reader's Digest 47(284) 61, 1945.
Harris, Coronet 19(5) 30, 1946.
Haskins, Atlantic Month. 177(3) 114-120, 1946.
1 Haskins, Can. Nature 8 141-143, 1946
Heath, Catholic World 162.343-346, 1946
1 Kennedy, Sci. Month. 65 309-324, 1947
Rau, Ent. News 56 118-121, 1945.
Riser, Amer. Bot. 51.68-70, 1945
Sallee & King, Iowa Acad. Sci. P. 54 349-352, 1947
Twinn, Pests 13(10) 18, 20, 1945
Went, Sunset 96(3) 73-75, 1946
- ANTS - HABITS & BEHAVIOR - FUNGUS GROWING
Wolcott, Ent. News. 57 95-97, 1946.
- ANTS - HABITS & BEHAVIOR - SEED GATHERING
Pulver, Horticulture 23 163, 1945.
- ANTS - HOUSEHOLD
1 Back, USDA Leaf. 147 rev., 8 p., 1946.
Brannon, Wash. Packer 11(9) 7, 1945.
m Enzmann, N. Y. Ent. Soc. J. 54:47-49, 1946.
King, Tex. Ext. B. 151 3-5, 1947.
1 Lincoln, Ark. Ext. C 362 rev. 11-12, 1945.
Mote, Oreg. C. Inform. 388, 2 p., 1946.
1 Stiles, Okla. Ext. C. 223 rev.:24-26, 1946?
- ANTS - INSECTICIDES
Ahlgren, N. J. B. 724.25-26, 1946.
Fisher, Creamery J. 57(5) 35, 1946
1 Kyd, Okla. Ext. C. 454.4-5, 1947.
Price, Ky. Ext. C. 438 6, 1947.
Schmitt, Pests 15(10) 50, 52, 1947.
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:86, 88-89, 1947.
Hyman, Julius & Co., Tech. Sup. 202, 4 p., 1947.
- ANTS - INSECTICIDES - DDT
Baillie, Can. J. Pub. Health 37.216, 1946.
Daggy et al., Minn. Ext. B. 252:9-10, 1946.
Davis, J. Ec. Ent. 39:61, 1946.
Dove, USDA EPQ E-673:12, 1945.
Randolph, Tex. Acad. Sci. P. & Trans. 29:52, 1946.
Smith, South. Dairy Prod. J. 41(1):88, 1947.
- ANTS - INSECTICIDES - DDT--Continued.
Warrick, Water & Sewage Works 93. 331, 1946.
USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests 12, 1947.
- ANTS - LAWN
Ahlgren, N. J. B. 724:25-26, 1946.
Jennings, R. I. Misc. Pub. 26 16-17, 1945.
- ANTS - NESTS
1 Fautin, Ecol. Monog. 16 299, 1946.
Price, J. Ec. Ent. 38 706, 1945.
- ANTS - NESTS, OBSERVATION
1 Carlson, Outdoors Indoors. 33-34, 1945.
1 Pettit, Book of Nature Hobbies 131-134, 1947.
- ANTS - PERIODICITY
Talbot, Ecology 27.65-70, 1946.
- ANTS - PLANT ANTS
Skutch, Sci. Month. 50 14-17, 1945.
- ANTS - POETRY
Twinn, Pests 13(10).18, 20, 1945.
- ANTS - POISON BAIT
Kendall, Cal. Citrog. 31 355-356, 1946.
Mitchener, Manitoba Dept. Agr. & Im-migr. Pub. 198 3, 1945.
Scaramuzza, Control de Plagas [Habana] 8 44, 1946.
Tissot, Fla. Grow. 54(1).17, 1946.
- ANTS - PREDATORS
Knowlton & Nye, J. Ec. Ent. 39 546-547, 1946.
Knowlton et al., J. Ec. Ent. 39 547-548, 1946.
Wharton & Carver, Science 104 77, 1946.
- ANTS - SPRAYS
Pohlman, Natl. Provisioner 116(8) 31, 1947.
Smith, J. Ec. Ent. 38.604, 1945.
- ANTS - SPRAYS - DDT
Meserve, Natl. Shade Tree Conf. P. 23.162-163, 1947.
Mote, Oreg. C. Inform. 389 5, 1946.
Webster, Better Homes & Gard. 24 (9).149, 1946.
- ANTS - TRAPS
Jennings, R. I. Misc. Pub. 26.17, 1945.
- ANTS & APHIDS
1 Michener & Michener, Nat. Hist. 54: 119, 1945.
Muma, Neb. Ext. C. 1537.7, 1946.
Riser, Amer. Bot. 51.68-70, 1945.
Roberts, Lower Rio Grande Val. Cit. & Veg. Inst. P. 1:71-72, 1946.
- ANTS & CITRUS INSECTS
Parker et al., Man. for Cit. Grow. ed. 3:53, 1947.
- ANTS & DISEASE
Hedenburg, Milk Dealer 34(12).116, 1945.
- ANTS & PLANT DISEASE - WILT OF PINEAPPLE
Westgate, Fla. St. Hort. Soc. P. 58 194-195, 1945.
Wolfenbarger & Westgate, Fla. St. Hort. Soc. P. 59:122-125, 1946.

ANTS & SCALE INSECTS

- Flanders, J. Ec. Ent. 38:711-712, 1945.
Flanders, Cit. Leaves 26(1):14, 1946.
Roberts, Lower Rio Grande Val. Cit. & Veg. Inst. P. 1:71-72, 1946.

ANTS AS PESTS OF BEES

- Enzmann, N. Y. Ent. Soc. J. 55:219-222, 1947.
Robinson, West. Can. Beekeeper 8(9): 9, 12, 1945.
Stricker, West. Can. Beekeeper 10(1): 17, 1947.

- ANURAPHIS ARUNDINARIAE Tissot
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):6.

ANURAPHIS MAIDI-RADICIS (Forbes) (CORN ROOT APHID)*

- Muma, Neb. Ext. C. 1537:7, 1946.
Sherwood & Bishop, W. Va. Ext. C. 325 rev.:37, 1945.
Smith et al., Kans. Ent. Soc. J. 20:48, 58, 1947.

- Stearns, Del. B. 263:28, 1947.
ANURAPHIS MIDDLETONII (Thos.) (ERIGERON ROOT APHID)

- Kelsheimer, Fla. R. f. 1946/47:127.
Knowlton, J. Ec. Ent. 38:707, 1945.
Knowlton, Great Basin Nat. 8:36, 1947.

ANURAPHIS MIDDLETONII & VIRUS DISEASE OF PANSIES, CALICO

- Severin, Hilgardia 17:586-587, 1947.

- ANURAPHIS MIDDLETONII & VIRUS DISEASES OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552, 553, 579, 1946.

ANURAPHIS PERSICAE-NIGER (Smith) (BLACK PEACH APHID)*

- Ross, Can. Ins. Pest Rev. 24:48, 1946.
Smith, Cal. Ext. C. 98 rev.:47, 1946.
Stearns, Del. B. 263:27, 1947.
Va. Ext. B. 131 rev.:22, 1947.

- ANURAPHIS PERSICAE-NIGER & VIRUS DISEASE OF CELERY, RINGSPOT
Freitag & Severin, Hilgardia 16:396-405, 1945.

ANURAPHIS ROSEUS Baker (ROSY APPLE APHID)*

- Chandler, Ill. St. Hort. Soc. Trans. 80:132-133, 1947.
Dewey, N. Y. St. Hort. Soc. P. 92:55, 1947.
i Mills & Dewey, N. Y. (C.) Ext. B. 711:5-8, 15-18, 1947.
Ross, Can. Ins. Pest Rev. 24:46, 1946.
i Westcott, Home Gard. [N.Y.] 5(5): 68, 1945.

ANURAPHIS ROSEUS - CANADA

- Hockey et al., N. S. Fruit Grow. Assoc. R. 82:83-84, 1945; 83:146-147, 1946; 84:159, 1947.
Marshall et al., Can. Ins. Pest Rev. 25:85, 1947.
Neary, N. S. Dept. Agr. R. f. 1943/44: 102, 1945; f. 1944/45:104-105, 1946, f. 1945/46:93, 1947.
Neary, N. S. Fruit Grow. Assoc. R. 82:36, 1945; 83:23-24, 1946; 84: 115, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946.

ANURAPHIS ROSEUS - INSECTICIDES

- Cleveland, West. Colo. Hort. Soc. Trans. f. 1944:32, 1945.
Cleveland, Ill. St. Hort. Soc. Trans. 80:191-192, 194-195, 1947.
Dean, N. Y. (G.) R. 65:22-23, 1947.
Dewey et al., N. Y. (C.) R. 59:123, 1947.

- Graham et al., Md. Ext. B. 112:7, 1946
Howard & Brooks, Cal. Ext. C. 117 rev.:34-35, 1947.
Sherwood, W. Va. Ext. C. 320 rev.:16, 1946.

- Sherwood, Mountaineer Grow. 17(163) 2-3, 1947.

- Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:22, 109-110, 1945.

ANURAPHIS ROSEUS - INSECTICIDES - DDT

- Fleming, USDA EPQ E-724.13, 1947.

ANURAPHIS TULIPAE (Fonsc.) (TULIP BULB APHID)*

- Granovsky, Minn. Hort. 75:59, 118, 1947.
Knowlton, Bklyn. Ent. Soc. B. 42:155, 1947.
McDaniel, Flor. Rev. 98(2534):33, 1946
McDaniel, Gladiolus 22:41, 44, 1947.

ANURAPHIS VIBURNICOLA (Gill.) (SNOWBALL APHID)*

- Manson et al., Can. Ins. Pest Rev. 24 101, 1946.
Smith et al., Kans. Ent. Soc. J. 19 44, 1946.
i Westcott, Home Gard. [N.Y.] 5(5) 1945.

ANUROGRYLLUS ABORTIVUS Sauss.

- Osorio, B. Inform. Agr. Gobierno Prov. Las Villas 17(130) 8, 1945.
Osorio, Control de Plagas 8[i.e. 7]:70, 72, 1945, 8:121, 1946.

ANYSTIS sp.

- Pickett et al., Sci. Agr. 26:597, 1946.

- AONIDIELLA Berl. & Leonardi
ik McKenzie, Microentomology 11:29-36, 1946.

AONIDIELLA AURANTII (Mask.) (CALIFORNIA RED SCALE)* (CITRUS RED SCALE)

- Barrett, Ariz. St. Ent. R. f. 1944:7-9, 1945.

- Carver, Ariz. St. Ent. R. f. 1946/47: 18.

- i Dickson & Lindgren, Cal. Citrog. 32: 524, 542-544, 1947.

- i Dickson & Lindgren, Cit. Leaves 27 (10):6-7, 34, 1947.

- Ebeling, Cal. Ext. C. 43 rev.:50-51, 1947.

- Langhorst, Agr. Chem. 2(4):73-74, 1947.

- Lauderdale, Ariz. St. Ent. R. f. 1945/46 23-24.

- Martorell, P. R. Univ. J. Agr. 29:410, 1945.

- Morrison, Cal. Dept. Agr. B. 35:133-134, 1946.

- Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:8; f. 1945/46: 14; f. 1946/47:13.

AONIDIELLA AURANTII - CALIFORNIA
McKenzie, Cal. Dept. Agr. B. 35.95-99, 1946.

AONIDIELLA AURANTII - FUMIGANTS
Armitage, Cal. Dept. Agr. B. 33.241, 1945.

Armitage & Steinweden, Cal. Dept. Agr. B. 35:21-29, 1946.

Fulton & Nelson, Cal. Citrog. 31:154, 166-167, 1946.

Lindgren & Dickson, Cal. Citrog. 31:448-449, 1946.

Lindgren & Dickson, Cit. Leaves 26 (8):8-9,31-32, 1946.

b Lindgren & Gerhardt, J. Ec. Ent. 40:680-682, 1947.

b Yust et al., J. Ec. Ent. 40:869-874, 1947.

AONIDIELLA AURANTII - FUMIGANTS - DETERMINATION
Fulton & Van Dyke, Anal. Chem. 19:922-923, 1947.

AONIDIELLA AURANTII - INSECTICIDES

Annand, USDA EPQ R. f. 1943/44 4, f. 1944/45-6,19, f. 1945/46.20

Caryl & Johnston, Cal. Ext. C. 114 rev. 42-43, 1946.

Newcomb, Cal. Citrog. 32:210-212, 1947.

Parker et al., Man. for Cit. Grow. ed. 3.43, 1947.

i Sneddon, Petroleum Engin. 17(9) 77-78,82, 1946.

AONIDIELLA AURANTII - INSECTICIDES - DDT

i Ebeling, Cal. Citrog. 30:164,193, 1945.

AONIDIELLA AURANTII - PARASITES & PREDATORS

Bumgardner, J. Ec. Ent. 38:128, 1945.

Omer-Cooper & Glaholm, Cit. Leaves 26(5) 10.28-30, 1946.

Smith, Cal. Citrog. 31.415, 1946.

AONIDIELLA AURANTII - REARING
i Flanders, J. Ec. Ent. 40:746-747, 1947.

AONIDIELLA AURANTII - RESISTANCE TO FUMIGANTS

b Lindgren & Dickson, J. Ec. Ent. 38:296-299, 1945.

b Lindgren & Gerhardt, J. Ec. Ent. 40:680-682, 1947.

Quayle, Cal. Citrog. 30.98, 1945.

Yust et al., J. Ec. Ent. 39:822-823, 1946, 40:869-874, 1947.

AONIDIELLA AURANTII - SPRAYS

i Ebeling, Cit. Leaves 25(4):10,18,22, 1945.

b Ebeling, J. Ec. Ent. 38:556-563, 1945.

Ebeling, Cal. Citrog. 31.113, 1946.

Lindgren et al., J. Ec. Ent. 38:567-572, 1945.

Thompson, Fla. R. f. 1946/47:153-155

b Yust et al., J. Ec. Ent. 39:822-823, 1946.

AONIDIELLA AURANTII - SPRAYS - DDT
Cressman & Broadbent, Cal. Citrog. 31:113, 1946.

bi Ebeling, J. Ec. Ent. 40:619-632, 1947.

AONIDIELLA AURANTII - SPRAYS - DDT--Continued.

bi Gunther et al., J. Ec. Ent. 39:624-627, 1946.

AONIDIELLA AURANTII & TEMPERATURE (LOW)

i Hutchinson, J. Ec. Ent. 40:921-922, 1947.

AONIDIELLA CITRINA (Coq.) (YELLOW SCALE)*

Dickson & Lindgren, Cal. Citrog. 32:524, 1947.

Ebeling, J. Ec. Ent. 40:629, 1947.

Flanders, J. Ec. Ent. 38:711-712, 1945.

Morrison, Cal. Dept. Agr. B. 35.134, 1946.

Parker et al., Man. for Cit. Grow. ed. 3:45, 1947.

AONIDIELLA CITRINA - PARASITES
Smith, Cal. Citrog. 31.415, 1946.

AONIDIELLA CITRINA - PARASITES vs. ANTS

Flanders, Cit. Leaves 26(1):14, 1946.

AONIDIELLA MARGINIPORA McK.
ni McKenzie, Microentomology 11.30, 1946.

AONIDIELLA ORIENTALIS (Newst.)
Martorell, P. R. Univ. J. Agr. 29:406, 1945.

APACHE CICALA, see DICEROPROCTA APACHE Davis

APALOCNEMIS Philippi
nk Melander, Bklyn. Ent. Soc. B. 41:30,38-40, 1946.

APANTELES sp.

Annand, USDA EPQ R. f. 1945/46.22.

Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):3.

i Bohart, Hilgardia 17:291-292, 296-297, 1947.

Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1946, No. 3):3, 1946.

Lévesque, For. Québécoise 11:534, 1946.

Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946.13, 1947.

n Shaw, J. Ec. Ent. 40:437, 1947.

Van Zwaluwenburg, Hawaiian Planters' Rec. 50.13, 1946.

Williams, Hawaiian Ent. Soc. P. 13:2, 1947.

Wylie, Fla. R. f. 1945/46.189.

APANTELES AMERICANUS (Lep.)
Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:12, 1946.

Bruner & Valdes Barry, Control de Plagas 8 [i.e. 7]:54, 1945.

APANTELES BEDELLIAE Fullaw., not Vier., see APANTELES TAPATAPOANUS Fullaw.

APANTELES BEDELLIAE Vier.
Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46.22, 1947.

Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45:19, 1946.

APANTELES CARPATUS (Say) - REARING

Wellington, J. Ec. Ent. 38:396, 1945.

- APANTELES CONGREGATUS (Say)
 1 Champie, Nat. Hist. 56:466, 1947.
 Garner, Prod. of Tob. 283, 1946.
 Gould, Ind. Acad. Sci. P. 56:158, 161,
 1947?
 Madden & Chamberlin, USDA TB 896.
 47-48, 1945.
- APANTELES DIATRAEAE Mues.
 Plank, Assoc. Téc. Azuc. Cuba B.
 Ofic. 4 353-354, 1945.
 Scaramuzza, in Cuba Min. Agr. Estac.
 Expt. Caña de Azúcar (Havana), Caña
 de Azúcar en Cuba:544, 1946.
- APANTELES FUMIFERANAE Vier.
 bi Brown, Can. Ent. 78:121-129, 1946.
 Coppel, Ent. Soc. Ont. R. 77:39, 1947.
 McGuffin & Barker, Can. Dept. Agr.
 Div. Ent. For. Ins. Surv. R. f. 1946:
 61, 1947.
 Reeks et al., Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1946:12, 1947.
 Wilkes & Anderson, Ent. Soc. Ont. R.
 77 41-43, 1947.
- APANTELES MARGINIVENTRIS (Cress.)
 Pemberton, Hawaiian Sugar Planters'
 Assoc. R. 64, Expt. Sta. R. f. 1943/44
 18-19, 1945.
 Williams, Hawaiian Sugar Planters'
 Assoc. R. 65, Expt. Sta. R. f. 1944/45:
 19, 1946.
- APANTELES MEDICAGINIS Mues.
 n Muesebeck, Pan-Pac. Ent. 23:21-23,
 1947.
- APANTELES MELANOSCELUS (Ratz.)
 Friend, Conn. Acad. Arts & Sci. Trans.
 36:620-621, 1945.
- APANTELES MILITARIS (Walsh)
 1 Walton & Packard, USDA FB 1850
 rev.:8, 1947.
- APANTELES PRAESENS Mues.
 n Muesebeck, Pan-Pac. Ent. 23:23-
 24, 1947.
- APANTELES SESIAE Vier.
 Wallace, Conn. B. 488:389, 1945.
- APANTELES SOLITARIUS (Ratz.)
 Harrison, N. S. Dept. Lands & For. R.
 f. 1944:45, 1945.
 Reeks et al., Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1944.8, 1945,
 f. 1946:13, 1947.
 Richmond, Can. Ins. Pest Rev. 24:125,
 1946.
- APANTELES TAPATAPAOANUS Fullaw.
 Fullaway, Hawaiian Ent. Soc. P. 12:
 486, 1946.
- APANTELES THOMPSONI Lyle
 Arbuthnot et al., USDA EPQ Ins.
 Pest Surv. Sp. Sup. (1947, No. 6):3.
 Clark & Jones, USDA EPQ Ins. Pest
 Surv. Sp. Sup. (1946, No. 3):3, 1946.
- APANTELES TRIFASCIATUS Mues.
 n Muesebeck, Hawaiian Ent. Soc. P.
 12:615-616, 1946.
- APANTESIS WILLIAMSHI Dodge
 (WILLIAMS TIGER MOTH)
 Arnason et al., Can. Ins. Pest Rev.
 24:85, 1946.
 Manson & Arnason, Can. Ins. Pest
 Rev. 25:21, 1947.
 Manson et al., Can. Ins. Pest Rev. 24:
 104, 1946.
- APATE MONACHUS F.
 Martorell, P. R. Univ. J. Agr. 29:426-
 427, 1945.
- APATELA ELIZABETA (Smith), see
 ACRONICTA INTERRUPTA
 ELIZABETA Smith
- APATELA FRAGILIS (Guen.), see ACRO-
 NICTA FRAGILIS (Guen.)
- APATELA RADCLIFFEI Harvey, see
 ACRONICTA RADCLIFFEI (Harvey)
- APATETICUS Dall. - EGGS
 1 Esselbaugh, Ent. Soc. Amer. Ann.
 39:687-689, 1946.
- APECHTHIS ONTARIO Cress., see
 EPHIALTES ONTARIO (Cress.)
- APELMA BREVIS Johannsen
 Wirth, Hawaiian Ent. Soc. P. 12:492,
 1946.
- APHAENOGASTER Mayr
 nik Enzmann, N. Y. Ent. Soc. J. 55
 147-153, 1947.
 Haskins, Can. Nature 8:142, 1946.
- APHAENOGASTER FULVA AQUILA Buckl.
 b Haskins & Enzmann, N. Y. Ent. Soc.
 J. 53:263-277, 1945.
 Jaynes & Marucci, J. Ec. Ent. 40:16,
 18, 22, 25, 1947.
- APHAENOGASTER LAMELLIDENS Mayr
 b Haskins & Enzmann, N. Y. Ent. Soc.
 J. 53:263-277, 1945.
- APHAERETA MUSCAE (Ashm.)
 Picard, Quebec Min. Lands & For. R.
 f. 1944/45:113, 1946.
- APHALARA sp.
 1 Pletsch, Mont. B. 446 29-30, 1947.
- APHANOTUS sp. - DUSTS - DDT
 Hoskins, Cal. Mosq. Control Assoc. P.
 14:37, 1946.
- APHANOTUS DESTRUCTOR Uyttenb., see
 TRIBOLIUM DESTRUCTOR
 (Uyttenb.)
- APHANOTUS PARELLELUS Casey
 1 Linsley & Michelbacher, Pest Con-
 trol & Sanit. 1(10):8-9, 1946.
- APHELINUS JUCUNDUS Gahan
 Burnett, Quebec Soc. Protect. Plants
 R. 29 86, 1945.
- APHELINUS MALI (Hald.)
 Annand, USDA EPQ R. f. 1943/44.24-25.
 Beacher, Ent. Soc. Amer. Ann. 40:532,
 538, 543, 1947.
 Drake, Iowa Dept. Agr. YB 45:83, 1945
 Gomez, Fitófilo 4:136, 1945.
 Marshall, Can. Ins. Pest Rev. 25:85,
 1947.
 Newcomer et al., J. Ec. Ent. 39:674-
 676, 1946.
 Venables, Can. Ins. Pest Rev. 24:119,
 1946.
 Wishart, Ent. Soc. Ont. R. 77:35-36,
 1947.
- APHELINUS MALI - INSECTICIDES -
 DDT
 Steiner et al., Ind. Hort. Soc. Trans.
 86:94, 1947.
 Yothers, J. Ec. Ent. 40:934, 1947.
- APHELINUS MARLATTI (Ashm.)
 Burnett, Quebec Soc. Protect. Plants
 R. 29:86, 1945.
- APHELINUS MYTILASPIDIS LeB., see
 APHYTIS MYTILASPIDIS (LeB.)

- APHIDENCYRTUS APHIDIVORUS (Mayr) -
EGGS & LARVAE
Maple, Cal. Univ. Pub. Ent. 8:61,63,
1947.
- APHIDIUS (LYSIPHLEBUS) Foerst.
i Michener & Michener, Nat. Hist. 54
118-119, 1945.
- APHIDIUS sp.
Burnett, Quebec Soc. Protect. Plants
R. 29.86, 1945.
Hoffmann, J. Ec. Ent. 38:376-377,
1945.
- APHIDIUS PHORODONTIS Ashm.
Burnett, Quebec Soc. Protect. Plants
R. 29.86, 1945?
- APHIDIUS PROCEPHALI Ashm.
Hoffmann, J. Ec. Ent. 38.376, 1945.
- APHIDIUS TESTACEIPES (Cress.)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba.551, 1946.
- APHIDS
Annand, USDA EPQ R. f. 1944/45 17,
26,32, f. 1946/47 4-6,22.
Armitage et al., Cal. Dept. Agr. B. 35
203, 1946.
Arnason et al., Can. Ins. Pest Rev. 25
16,25,28,43,84,102, 1947.
Baerg & Lincoln, Ark. Ext. C. 448 12,
1947.
Blasberg, Vt. Ext. C. 109 rev..34-35,
1946.
Chandler, Ill. St. Hort. Soc. Trans. 78
293, 1945, 79:125, 1946, 80 132-133,
1947.
Chupp & Leiby, N. Y. (C.) Ext. B. 206
rev. 59,79, 1947.
i Holley, N. H. B. 359.12-13, 1945.
Lyle, Miss. Inform. Sheet 344.1, 1945.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:57, 1945.
Peterson, Can. Ins. Pest Rev. 24.107,
1946.
i Pratt et al., N. Y. (C.) Ext. B. 696
37-38, 1947.
Quackenbush, Conn. Circle 8(6) 67,
1945.
Smith et al., Kans. Ent. Soc. J. 20:46-
48,58, 1947.
Thompson, Can. Ins. Pest Rev. 24.40,
43, 1946.
Underhill & Bodenstein, Va. TB 97:8,
12, 1946.
Ward, B. C. Dept. Agr. R. 40.V78,
1946; 41:W107, 1947.
Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
32, 1946.
i Westcott, Home Gard. [N.Y.] 5(5):
68-70, 1945.
Wressell, Can. Ins. Pest Rev. 24:54-
55, 1946.
- APHIDS, see also ANTS & APHIDS
- APHIDS - ALMONDS
Lamiman & Smith, Cal. Ext. C. 103
rev.:71, 1947.
- APHIDS - BARRIERS - ELECTRIC
i Bruce, J. Ec. Ent. 40:277, 1947.
- APHIDS - CARROTS
Clark & Hoveland, Wis. B. 472:58-59,
1947.
- APHIDS - CHRYSANTHEMUMS
Laurie & Kiplinger, Gard. & Green-
house Chrysanthemums.62, 1946.
Scott & Scott, Chrysanthemums for
Pleasure 12-13,25,27, 1947.
- APHIDS - CORN
Gorham, Can. Dept. Agr. Div. Ent.
Processed Pub. 45:5, 1946.
- APHIDS - COTTON
Westbrook, Ga. Ext. B. 523:40, 1945.
- APHIDS - DISEASES - FUNGUS
Simpson & Shands, Maine B. 438.521-
522, 1945.
- APHIDS - DUSTS
b Isely & Miner, J. Ec. Ent. 39.93-94,
1946.
- APHIDS - EVERGREENS
Bromley, N. Y. Ent. Soc. J. 55.208-
212, 1947.
- APHIDS - FOOD & HOST PLANTS
Averill, Maine B. 393-S, 50 p., 1945.
Knowlton, Bklyn. Ent. Soc. B. 40.43,
1945.
Knowlton, Pan-Pac. Ent. 22.75-76,
1946.
Simpson & Shands, Maine B. 438-517-
519,522-523,581, 1945, 442.128-133,
1946.
Steinbauer & Steinmetz, Maine B. 438.
525-526, 1945.
bi Steinbauer & Steinmetz, Maine
Misc. Pub. 602.22 p., 1945.
- APHIDS - FRUIT TREES
i Talbert, Gen. Hort. 183-185, 1946.
- APHIDS - FUCHSIAS
Heming, in Cal. Fuchsia Soc. A to Z
on Fuchsias.14-15, 1946.
- APHIDS - GLADIOLUS
Granovsky, Minn. Hort. 75 59, 1947.
Ryan, N. Amer. Glad. Council B.,
June 1946.6.
- APHIDS - HABITS & BEHAVIOR
Went, Sunset 96(3):72-73, 1946.
- APHIDS - HABITS & BEHAVIOR -
FLIGHT
Gorham, Acadian Nat. 2.106-111, 1946.
Simpson & Shands, Maine B. 438.520-
521, 1945, 442:131, 1946.
- APHIDS - HAWAII
i Fullaway & Krauss, Common Insects
of Hawaii.62-65, 1945.
Look, Hawaiian Ent. Soc. P. 12:473-
474, 1946.
- APHIDS - HOUSE PLANTS
Godfrey, Can. Dept. Agr. Pub. 798
(FB 145).11, 1947.
- APHIDS - INSECTICIDES
Bronson et al., Maine B. 442:134-138,
183-186, 1946.
Caryl & Johnston, Cal. Ext. C. 114
rev.:45, 1946.
Cutright, Ohio B. 673.64, 1947.
i Edmondson, Wyo. Ext. C. 58 rev.
28-29, 1945.
Gardiner, Can. Min. Agr. R. f.
1946/47:85.
Glendenning, Can. Dept. Agr. Div. Ent.
Processed Pub. 71.4 p., 1947.
Isely, Ark. Ext. Leaf. 94, 6 p., 1947.
Kelsheimer, Fla. R. f. 1946/47:127.
i Lincoln, Ark. Ext. C. 438:6, 1945.

APHIDS - INSECTICIDES--Continued.
 Pepper, Pa. Ext. C. 287:11, 1946.
 Price, Ky. Ext. C. 435:8, 1947.
 Roark, USDA EPQ E-721:5-8, 1947.
 Sherwood & Bishop, W. Va. Ext. C.
 325 rev..11-12,19,22,25-26,28,37,41,
 43,45, 1945.
 Vorhies & Wehrle, Ariz. B. 203:11-
 13, 1946.
 Wilkinson, Conn. Veg. Grow. Assoc.
 P. 34:25, 1946.
 Wilson et al., Amer. Assoc. Econ.
 Ent. N. Cent. Sts. Branch P. 25:64,
 1946.
 Wylie & Wilson, Fla. R. f. 1946/47.
 181-182.
 APHIDS - INSECTICIDES - DDT
 Boyce, Diamond Walnut News 28(3).
 13, 1946.
 APHIDS - INSECTICIDES - DDT & FUN-
 GICIDES
 Bonde & Snyder, Maine B. 442:146-
 150,188-190, 1946.
 Smith & Lombard, Maine B. 442:138-
 140, 1946.
 APHIDS - MOUNTING
 b Maltais, Can. Ent. 77:103-104, 1945.
 Nye, Pan-Pac. Ent. 23:73-74, 1947.
 APHIDS - PARASITES & PREDATORS
 Burnett, Quebec Soc. Protect. Plants
 R. 29:86, 1945?
 Johnson, East. Sts. Chrysanthemum
 Soc. B. 2(4).15, 1946.
 Knowlton, Bklyn. Ent. Soc. B. 41:167,
 1946.
 i Michener & Michener, Nat. Hist. 54:
 118-119,144, 1945.
 Palmer, Green Thumb 2(3):17-18,
 1945.
 Simpson & Shands, Maine B. 438:521,
 1945.
 APHIDS - PINE
 Bromley, N. Y. Ent. Soc. J. 55:209-
 210, 1947.
 APHIDS - POTATOES
 Bronson, Maine B. 438:523-525, 1945.
 Hill, Neb. R. 58:54, 1945.
 Maltais, Quebec Soc. Protect. Plants
 R. 29:110-113, 1945?
 Manson et al., Can. Ins. Pest Rev. 25:
 38, 1947.
 Shands et al., Maine B. 449:284-293,
 1947.
 i Shull & Manis, Ida. Ext. B. 150:9,
 1945.
 Simpson & Shands, Maine B. 438:517-
 523, 1945; 442:128,131, 1946.
 Strickland, in Alberta Univ. Faculty
 Agr. B. 46:60-61, 1946.
 Werner, Neb. B. 384:73-74,76,79,
 1947.
 APHIDS - POTATOES - IDENTIFICA-
 TION, FIELD
 ik Dionne, Can. Ent. 79:191-193, 1947.
 APHIDS - RESISTANT ALFALFA
 i Curry, N. Mex. R. 57:20-21, 1947?
 APHIDS - RESISTANT POTATOES
 Gardiner, Can. Min. Agr. R. f.
 1944/45:54-55.
 APHIDS - ROSES
 Pirone, N. Y. Bot. Gard. J. 48:177-
 178, 1947.

APHIDS - ROSES--Continued.
 Wildon, Mich. St. B. 222 rev.:20, 1946.
 APHIDS - SPRAYS
 Bourne & Whitcomb, Mass. B. 441:33,
 1947.
 Chapman, Pa. St. Hort. Assoc. P. 88
 74-75, 1947.
 Childs et al., Oreg. Ext. B. 664:3,
 1946.
 Cleveland, Ill. St. Hort. Soc. Trans.
 80:190-195, 1947.
 Doyle et al., Quebec Soc. Protect.
 Plants R. 30:164,168-169, 1947.
 Filingier, Kans. C. 235:12, 1946.
 Jones et al., Oreg. C. Inform. 405:4,
 406:3-4, 1947.
 Krone et al., Mich. Ext. B. 4 rev.:68-
 69, 1945.
 i Lecker, Ind. Ext. B. 239 rev.:5, 1947.
 Lyle, Miss. Farm Res. 8(6).1-2, 1945.
 Martin & Bilsing, Tex. Pecan Grow.
 Assoc. P. 26:46-47, 1947.
 Nickels & Pierce, Tex. Pecan Grow.
 Assoc. P. 26:43, 1947.
 Pepper, Pa. Veg. Grow. News 15(1).
 59, 1945.
 Rasmussen et al., Mich. Ext. B. 154
 rev.:41-42, 1946.
 Watts, S. C. R. 59:160-161, 1947.
 APHIDS - SPRAYS - DDT
 Baker & Porter, USDA EPQ E-637:4-
 5, 1945.
 Meserve, Natl. Shade Tree Conf. P.
 23:158-159, 1947.
 Steiner, Va. Fruit 34:145, 1946.
 APHIDS - SURVEYS - TRAPS
 Gorham, Acadian Nat. 2:106-111, 1946.
 Simpson et al., Maine B. 442:133-134,
 1946.
 APHIDS - TOBACCO
 King, Ga. Coastal Plain B. 44:43-44,
 1947.
 Stirrett, Can. Ins. Pest Rev. 25:42,
 1947.
 APHIDS - TOMATOES - OUTBREAKS
 Parks, Ohio Veg. & Potato Grow.
 Assoc. P. 31:112-117, 1946.
 APHIDS - WILLOW
 Bromley, N. Y. Ent. Soc. J. 55:209-
 210, 1947.
 APHIDS & PLANT DISEASE - ASTER
 YELLOW
 Bonde, Maine B. 439:544, 1945.
 APHIDS & PLANT DISEASE - CALICO
 VIRUS OF PANSIES
 Severin, Hilgardia 17:585-587, 1947.
 APHIDS & PLANT DISEASE - FIRE
 BLIGHT
 Filingier, Kans. C. 235:9, 1946.
 APHIDS & PLANT DISEASE - LEAFROLL
 OF POTATOES
 Annand, USDA EPQ R. f. 1945/46:5.
 Bonde & Simpson, Maine B. 438:513-
 514, 1945; 449:293-294, 1947.
 Bonde et al., Maine B. 442:124-138,
 1946.
 Folsom & Stevenson, Amer. Potato J.
 23:258,260-263, 1946.
 Gardiner, Can. Min. Agr. R. f.
 1945/46:41.
 Milbrath, Oreg. Seed Grow. League P.
 5:91-92, 1946.

APHIDS & PLANT DISEASE - LEAFROLL OF POTATOES--Continued.
Shands et al., Maine B. 449 290-292, 1947.

i Simpson et al., Maine Ext. B. 333, 20 p., 1945.

APHIDS & PLANT DISEASE - MOSAIC OF BEETS IN WEEDS
Severin & Drake, Hilgardia 17:570-571, 1947.

APHIDS & PLANT DISEASE - MOSAIC OF CABBAGE
Walker et al., J. Agr. Res. 70 379-380, 1945.

APHIDS & PLANT DISEASE - MOSAIC OF CELERY, WESTERN CRINKLE-LEAF
bi Freitag & Severin, Hilgardia 16 361-370, 1945.

APHIDS & PLANT DISEASE - MOSAIC OF CUCUMBER, WESTERN
Severin, Hilgardia 586-587, 1947.

APHIDS & PLANT DISEASE - MOSAIC OF TURNIP
LeBeau & Walker, J. Agr. Res. 70 353,362, 1945.

APHIDS & PLANT DISEASE - VIRUS DISEASE
Brierly & Smith, Flor. Rev. 99(2567) 31-32, 1947.

APHIDS & PLANT DISEASE - VIRUS DISEASE OF CELERY, RINGSPOT
bi Freitag & Severin, Hilgardia 16 389-405, 1945.

APHIDS & PLANT DISEASE - VIRUS DISEASE OF PAPAYA
Adsuar, P. R. (Rio Piedras) Tech. Paper 4.7-8,10-11, 1946.

i Jensen, Hawaii R. f. 1944/46-67, 1947.

APHIDS & PLANT DISEASE - VIRUS DISEASE OF POTATO
Gardiner, Can. Min. Agr. R. f. 1944/45:54-55, f. 1945/46:65.

bi Steinbauer & Steinmetz, Maine Misc. Pub. 602.1-3,21-22, 1945.

APHIDS & PLANT DISEASE - YELLOW DWARF
Muirhead, B. C. Dept. Agr. R. 41 W164, 1947.

APHIDS & PLANT DISEASE - YELLOW SPOT OF CELERY
bi Freitag & Severin, Hilgardia 16: 375-384, 1945.

APHIDS & WEATHER
Simpson & Shands, Maine B. 438:522, 1945.

APHIDAE - TAXONOMY
bik Sampson, Cal. Univ. Pub. Ent. 7: 365-402, 1946.

APHIDAE - UTAH (MT. TIMPANOGOS)
Knowlton, Great Basin Nat. 7:1-6, 1946.

APHIS
Manson et al., Can. Ins. Pest Rev. 24: 98, 1946.

APHIS ABBREVIATA Patch (BUCK-THORN APHID)*
Cannon, Can. Ins. Pest Rev. 24:9, 1946.
Gorham, Ent. Soc. Ont. R. 75:17-18, 20-21, 1945.
Gorham, Can. Ins. Pest Rev. 24:20-21, 1946.

APHIS ABBREVIATA--Continued.
Maltais, Quebec Soc. Protect. Plants R. 29:111-113, 1945?

Maltais et al., Can. Ins. Pest Rev. 24: 35, 1946, 25-38, 1947.

Simpson & Shands, Maine B. 438 519-522, 1945.

APHIS ABBREVIATA - FOOD & HOST PLANTS
Shands et al., Maine B. 449:287-290, 1947.

Simpson & Shands, Maine B. 442 128-133, 1946.

Simpson et al., Maine Ext. B. 333 7, 1945.

APHIS ABBREVIATA - IDENTIFICATION, FIELD
i Dionne, Can. Ent. 79 191-193, 1947.

APHIS ABBREVIATA - INSECTICIDES
Bonde & Snyder, Maine B. 449:264, 267-274,344,347,351-355, 1947.

Bronson et al., Maine B. 442:134-138, 183-185, 1946.

APHIS ABBREVIATA - INSECTICIDES - DDT
Annand, USDA EPQ R. f. 1945/46:4-5, 1947.

Bronson & Smith, J. Ec. Ent. 39:189-194, 1946.

b Goodhue et al., J. Ec. Ent. 38:181, 1945.

Hawkins et al., Maine B. 449:294-298, 1947.

Shands et al., Maine B. 449:284-287, 364-366, 1947.

Smith et al., J. Ec. Ent. 38:193-194, 1945.

White, USDA EPQ E-692.5, 1946.

APHIS ABBREVIATA & VIRUS DISEASE OF POTATO
Jensen, Hawaiian Ent. Soc. P. 12:597, 599, 1946.

Steinbauer & Steinmetz, Maine Misc. Pub. 602.2-3,21, 1945.

APHIS ABIETINA Wikr. (SPRUCE APHID)*

Richmond, Can. Ins. Pest Rev. 24:124-125, 1946, 25:52, 1947.

APHIS APIGRAVEOLENS Essig (CELERY LEAF APHID & CALICO VIRUS OF PANSIES)

Severin, Hilgardia 17:586-587, 1947.

APHIS API THEOB. (CELERY APHID)
Ryan, Los Angeles Co. Cal. Agr.

Comnr. R. f. 1944/45.9, f. 1945/46: 18.

APHIS API & CALICO VIRUS OF PANSIES

Severin, Hilgardia 17:586-587, 1947.

APHIS ARTEMISICOLA Williams, see ARTEMISAPHIS ARTEMISICOLA (Williams)

APHIS BONNEVILLENSIS Knowlt.
Fautin, Ecol. Monog. 16:269, 1946.
Knowlton, Bklyn. Ent. Soc. B. 42:77, 1947.

Knowlton, Kans. Ent. Soc. J. 20:25, 1947.

APHIS BRASSICAE L., see BREVICORYNE BRASSICAE (L.)

- APHIS CHRYSOTHAMNI Wilson - PRED-
ATORS
Knowlton, Bklyn. Ent. Soc. B. 42:79,
1947.
- APHIS CITRICIDUS (Kirk.) & VIRUS DIS-
EASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552,
1946.
- APHIS DEBILICORNIS (Gill. & Palmer)
Knowlton, Kans. Ent. Soc. J. 20:25,
1947.
- APHIS ERIOPHORI Wlkr., see YEZAB-
URA ERIOPHORI (Wlkr.)
- APHIS FABAE Scop. (BEAN APHID)*
(NASTURTIUM APHID)
Lauderdale, Ariz. St. Ent. R. f.
1945/46:18.
Osorio, Control de Plagas 8.154-155,
1946.
Sturrett, Can. Ins. Pest Rev. 25:41,
1947.
Wressell, Can. Ins. Pest Rev. 24:55,
1946.
- APHIS FABAE - INSECTICIDES
Bottger & Bowen, USDA EPQ E-710,
5 p., 1946.
Hartzell, Boyce Thompson Inst. Con-
trib. 15 30-32, 1947.
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent
1.9,42,47-48,59-60,69,71-74,76,81,
1946.
Turner & Saunders, Conn. B. 512 98-
110, 1946.
Zimmerman & Hartzell, Boyce
Thompson Inst. Contrib. 15:16-19,
1947.
- APHIS FABAE - INSECTICIDES - DDT
MIXTURES
Edwards Chem. Corp., H-4 Emulsion
Concentrate. 2-3, 1947.
- APHIS FABAE & MOSAIC OF BEET
Pound, J. Agr. Res. 75:37,40, 1947.
- APHIS FABAE & VIRUS DISEASE OF
PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552,
553,564,572,580-581,582,583,584,
599, 1946.
- APHIS FERRUGINEA STRIATA Essig
(RUSTY-BANDED APHID)
Holdaway et al., Hawaii R. f. 1942/44-
62, 1945.
- APHIS FERRUGINEA STRIATA &
MOSAIC OF CELERY, WESTERN
CRINKLE-LEAF
Freitag & Severin, Hilgardia 16:366-
370, 1945.
- APHIS FERRUGINEA STRIATA &
VIRUS DISEASE OF CELERY,
RINGSPOT
Freitag & Severin, Hilgardia 16:396-
405, 1945.
- APHIS FERRUGINEA STRIATA &
VIRUS DISEASE OF PANSIES,
CALICO
Severin, Hilgardia 17:586-587, 1947.
- APHIS FERRUGINEA-STRATA &
VIRUS DISEASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552,
1946.
- APHIS FILIFOLIAE (Gill. & Palmer)
Knowlton, Bklyn. Ent. Soc. B. 42:77,
1947.
- APHIS FORBESI Weed (STRAWBERRY
ROOT APHID)*
Colby, Ill. Ext. C. 453 rev.:50, 1946.
Knowlton, Bklyn. Ent. Soc. B. 42:155,
1947.
Manson, Can. Ins. Pest Rev. 25:101,
1947.
Manson et al., Can. Ins. Pest Rev. 24:
99, 1946.
- APHIS GOSSYPHII Glov. (COTTON APHID,
MELON APHID)*
Bissell & Dupree, Ga. B. 254:9, 1947.
bi Essig, Hilgardia 17:600-605, 1947.
Flock, Ariz. St. Ent. R. f. 1944 16,
1945.
Harned, USDA EPQ Ins. Pest Surv.
Sum. of Ins. Conditions in 1945:16,
1946.
Haseman, Mo. B. 391 rev.:10-11, 1946.
b Isely, Ark. B. 462, 29 p., 1946.
i King, Tex. Ext. B. 154:6,15-16, 1947.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:17.
i Martorell, P. R. Univ. J. Agr. 29:
378-379, 1945.
Morrison, Cal. Dept. Agr. B. 136,
1946.
Osorio, Control de Plagas 8.106-107,
1946.
Rice et al., Del. B. 259:22, 1945.
Ryan, Los Angeles Co. Cal. Agr.
Comnr. R. f. 1944/45:8, f. 1945/46.
15; f. 1946/47 17.
Swezey, Hawaiian Ent. Soc. P. 12:373,
1945.
Westbrook, Ga. Ext. B. 523:43-44,
1945.
i Westcott, Home Gard. [N. Y.] 5(5):69,
1945, 7(2):55-56, 1946.
Wressell, Can. Ins. Pest Rev. 24:56,
1946.
Wylie, Fla. R. f. 1946/47:203.
i USDA EPQ Picture Sheet 17, 2 p.,
1946.
- APHIS GOSSYPHII - AEROSOLS
Smith et al., Agr. Chem. 2(12):61,
1947.
Smith et al., Chrysanthemum Soc.
Amer. B. 15(2):5-6,9-11, 1947.
Wene, J. Ec. Ent. 40:677-679, 1947.
- APHIS GOSSYPHII - CAMELLIAS
English, Amer. Camellia YB 1:37-38,
1946.
Hume, Camellias in Amer.:178-179,
1946.
- APHIS GOSSYPHII - DUSTS
Becnal et al., J. Ec. Ent. 40:508-513,
1947.
Bondy, Southeast. Cotton Ins. Control
Conf. R. P. 1: 2, 1947.
Dutsch et al., Amer. Assoc. Ec. Ent.
Cotton Sts. Branch P. 19:91-93, 1945.
Dutsch et al., La. R. f. 1944/45:60-61,
1946.
Ewing et al., Assoc. South. Agr.
Workers P. 44:124-125, 1947. (Abs.)
Ewing et al., J. Ec. Ent. 40:374-381,
1947.
Gaines & Dean, J. Ec. Ent. 40:365-
370, 1947.
Gaines et al., Assoc. South. Agr.
Workers P. 44:126, 1947. (Abs.)

APHIS GOSSYPHII - DUSTS--Continued.
b Gaines et al., J. Ec. Ent. 40:600-603, 1947.

- Haddon et al., Assoc. South. Agr. Workers P. 44 126-127, 1947. (Abs.)
Harned, Southeast. Cotton Ins. Control Conf. R. P. 1:29, 1947.
Isely, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:86, 1945. (Abs.)
Isely & Miner, J. Ec. Ent. 39:93-94, 1946.
Ivy & Ewing, J. Ec. Ent. 39 40-41, 1946, 40 568-569, 1947.
Ivy et al., J. Ec. Ent. 40 514-517, 1946.
Jones, S. C. Dept. Agr. YB v. 1945/46 67.
King, Ga. Coastal Plain B. 44 42, 1947.
Lincoln, Ark. Ext. Leaf. 52 rev. 8, 1947.
Loftin, USDA EPQ E-657 1-3, 1945.
Lyle, Miss. Farm. Res. 8(5):7-8, 1945.
Rainwater & Bondy, J. Ec. Ent. 40 371-373, 1947.
Schroeder & Hervey, N. Y. (G.) R. 65 45, 1947.
Smith & Becnel, J. Ec. Ent. 536-539, 1947
i Stiles, Okla. Ext. C. 430 7, 1946.
Stuckey, Ga. R. 58:80-81, 1946.
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1 14, 39-41, 60, 69, 72-74, 76-77, 1946.
Trullinger et al., USDA OES R. f. 1945/46 111, 1947.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32 78-79, 82-85, 87-90, 1947.
Wolfenbarger, Del. B. 259 19, 1945.
b Young et al., J. Ec. Ent. 38:383-384, 1945.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 11-12, 1947.
- APHIS GOSSYPHII - EVERGLADES**
Wylie & Wilson, Fla. R. f. 1945/46. 189.
- APHIS GOSSYPHII - FUMIGANTS**
Zimmerman & Hartzell, Boyce Thompson Inst. Contrib. 15:18-19, 1947.
- APHIS GOSSYPHII - INSECTICIDES**
Anderson, USDA R. Sec. f. 1947 138.
Annand, USDA EPQ R. f. 1943/44 16; f. 1944/45:21, f. 1945/46:6-7, 10, 12-13, f. 1946/47:12-15.
Becnel et al., Assoc. South. Agr. Workers P. 44:121, 1947. (Abs.)
Bondy & Rainwater, S. C. R. 57:102-104, 1945; 58:101-102, 1946, 59. 109-113, 1947.
Bottger & Levin, USDA EPQ E-729, 23 p., 1947; E-738:1, 7-9, 1947.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 46-47, 1947.
Green, Control de Plagas 8:126, 1946.
Kelsheimer, Fla. R. f. 1946/47:127.
Rainwater & Bondy, Assoc. South Agr. Workers P. 44:130, 1947. (Abs.)
Wolfenbarger, Fla. Ent. 29:41-44, 1947.
Wolfenbarger, Fla. St. Hort. Soc. P. 60:169, 1947.

APHIS GOSSYPHII - INSECTICIDES--
Continued.

- Wylie & Wilson, Fla. R. f. 1945/46: 171.
- APHIS GOSSYPHII - INSECTICIDES - DDT**
Hervey & Schroeder, J. Ec. Ent. 39. 404, 1946.
Parenica et al., J. Ec. Ent. 39:334-335, 1946.
- APHIS GOSSYPHII - POTATOES**
Bruner & Valdes Barry, Control de Plagas 8 [i.e. 7] 56, 59, 1945.
- APHIS GOSSYPHII - RESISTANT CANTALOUPE**
bi Ivanoff, J. Hered. 36, p. 357-361, 1945.
i Ivanoff, South. Seedsm. 8(2) 11, 28, 1945.
McDowell, Tex. R. 57 46-47, 1945.
- APHIS GOSSYPHII - RESISTANT COTTON**
Anderson, USDA R. Sec. f. 1946:145.
Annand, USDA EPQ R. f. 1944/45 26, f. 1945/46:25; f. 1946/47:27-28.
- APHIS GOSSYPHII - SPRAYS**
Brierly & Smith, Flor. Exch. 105(11). 16, 1945.
Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23 [24], 1946.
Wolfenbarger, Fla. R. f. 1946/47 248-249.
Wylie & Wilson, Fla. R. f. 1946/47 181.
- APHIS GOSSYPHII & CALIFORNIA ASTER YELLOWS**
Severin & Frazier, Hilgardia 16 577, 1945.
- APHIS GOSSYPHII & FLECK DISEASE OF LILIES**
i Brierly & Smith, Flor. Exch. 105(11). 16, 1945.
- APHIS GOSSYPHII & RAINFALL**
Annand, USDA EPQ R. f. 1943/44 17, 1945.
- APHIS GOSSYPHII & VIRUS DISEASE OF CELERY, RINGSPOT**
Freitag & Severin, Hilgardia 16 396-405, 1945.
- APHIS GOSSYPHII & VIRUS DISEASE OF PANSIES, CALICO**
Severin, Hilgardia 17:585-587, 1947.
- APHIS GOSSYPHII & VIRUS DISEASE OF PLANTS**
Jensen, Hawaiian Ent. Soc. P. 12:550, 552, 553, 562, 569-570, 571, 572, 574, 577, 579, 583, 587, 1946.
- APHIS GREGALIS Knowlt.**
Knowlton, Kans. Ent. Soc. J. 20:26, 1947.
- APHIS HEDERAE Kltb. (IVY APHID)***
Knowlton, Kans. Ent. Soc. J. 20:26, 1947.
- APHIS HELIANTHI Monell (SUNFLOWER APHID)**
Knowlton, Great Basin Nat. 8:36, 1947.
i Michener & Michener, Nat. Hist. 54: 118-119, 144, 1945.
- APHIS HELIANTHI Monell & CELERY YELLOWS**
Henney, Colo. R. 58:18, 1945.
- APHIS HERACLELLA Davis**
Knowlton, Kans. Ent. Soc. J. 20:26, 1947.

APHIS ILLINOISSENSIS Shimer (GRAPE-VINE APHID)*

Dickey et al., Fla. B. 436:41, 1947.
Fleming, USDA EPQ E-724:13, 1947.
Fleming & Maines, J. Ec. Ent. 40:849-850, 1947.
Knowlton, Bklyn. Ent. Soc. B. 42:155, 1947.

APHIS KACHENA Hottes

Knowlton, Kans. Ent. Soc. J. 20:26, 1947.

APHIS LABURNI Kltb. & PEANUT ROSETTE

Jensen, Hawaiian Ent. Soc. P. 12:586, 1946.

APHIS MAIDIS Fitch (CORN LEAF APHID)*

Holdaway, Hawaiian Ent. Soc. P. 12: 484-485, 1946.
Holdaway & Nishida, Hawaiian Ent. Soc. P. 12:486-487, 1946.
Houser, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:81, 1946.
Manson et al., Can. Ins. Pest Rev. 24: 96, 1946.
i Muma, Neb. Ext. C. 1537:15-16, 1946.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:551, 1946.
b Smith & Goodhue, J. Ec. Ent. 38:177-178, 1945.
Stirrett & Adams, Can. Ins. Pest Rev. 25:20, 1947.

APHIS MAIDIS - RESISTANT CORN

b Walter & Brunson, Amer. Soc. Agron. J. 38:974-977, 1946.

APHIS MAIDIS & MOSAIC OF SUGAR CANE

Ingram et al., Sugar J. 9(11):23, 1947.
Martínez Andreu, Cuba Min. Agr. Rev. 29(3):64, 1946.

APHIS MAIDIS & VIRUS DISEASE OF PLANTS

Jensen, Hawaiian Ent. Soc. P. 12:552, 553, 559-560, 562-565, 570-571, 574, 577, 1946.

APHIS MARUTAE Oest.

Knowlton, Bklyn. Ent. Soc. B. 42:155, 1947.

APHIS MEDICAGINIS Koch (COWPEA APHID)*

Knowlton, Great Basin Nat. 8:36, 1947.
Romney, Ecology 27:260-261, 1946.

APHIS MEDICAGINIS & VIRUS DISEASE OF PLANTS

Jensen, Hawaiian Ent. Soc. P. 12:552, 553, 582, 586, 1946.

APHIS MIDDLETONI Thos., see ANURAPHIS MIDDLETONII (Thos.)

APHIS NASTURTI Kltb.

Knowlton, Bklyn. Ent. Soc. B. 42:155, 1947.

APHIS NERII Fonsc. (OLEANDER APHID)

Burgess, Ariz. R. 57:46, 1947.
Martorell, P. R. Univ. J. Agr. 29:379-380, 1945.

APHIS NERII & MOSAIC OF SUGAR CANE

Jensen, Hawaiian Ent. Soc. P. 12:564, 1946.

APHIS PERSICAE-NIGER Smith, see ANURAPHIS PERSICAE-NIGER (Smith)

APHIS POMI Deg. (APPLE APHID)* (GREEN APPLE APHID)

Callenbach, Mont. Ext. Ser. A-51,2 p., 1945.

Dewey, N. Y. St. Hort. Soc. P. 92:55, 1947.

i Mills & Dewey, N. Y. (C.) Ext. B. 711:6,11,15-16,18, 1947.

Neary, N. S. Dept. Agr. R. f. 1943/44. 102-103, 1945; f. 1944/45.105, 1946, f. 1945/46.93, 1947.

Neary, N. S. Fruit Grow. Assoc. R. 82. 36, 1945; 83.24, 1946; 84:115, 1947.

Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946.

Ross, Can. Ins. Pest Rev. 24:46, 1946.

Ross et al., Can. Ins. Pest Rev. 25:85, 1947.

Smith et al., Kans. Ent. Soc. J. 19:44, 1946.

Thompson, Can. Ins. Pest Rev. 24:41, 1946.

APHIS POMI - INSECTICIDES

Bourne & Whitcomb, Mass. B. 436:34, 1946.

Childs et al., Oreg. Ext. B. 663.3-4, 1946.

Cleveland, West. Colo. Hort. Soc. Trans. f. 1944.33, 1945.

Cleveland, Ill. St. Hort. Soc. Trans. 80 191,195, 1947.

Gardiner, Can. Min. Agr. R. f. 1946/47 86.

Graham et al., Md. Ext. B. 105.6-7, 1945.

Howard & Brooks, Cal. Ext. C. 117 rev.:34-35, 1947.

i Lathrop, Maine Ext. B. 274.16-18, 1945.

Morgan, Can. Ent. 79:109, 1947.

Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[23], 1946.

b Siegler & Hall, J. Ec. Ent. 40:722-724, 1946.

Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:109-110, 1945.

N. J. Ext. Spray Calendar 16:7, 1946.

APHIS POMI - INSECTICIDES - DDT

Fleming, USDA EPQ E-724:13, 1947.

Mawby, Mich. St. Hort. Soc. R. 75:21, 1946.

APHIS RHAMNI Fonsc.

Wylie & Wilson, Fla. R. f. 1945/46.189

APHIS RIBI-GILLETTEI Allen & Knowlt.

Knowlton, Kans. Ent. Soc. J. 20:26, 1947.

APHIS RUFOMACULATA Wilson, see RHOPALOSIPHUM RUFOMACULATUM (Wilson)

APHIS RUMICIS L.

i Lange, Spreckels Sugar Beet Bul. 11: 2, 1947.

Martorell, P. R. Univ. J. Agr. 29:380, 1945.

b Sun, J. Ec. Ent. 38:124-125, 1945.

Turner, J. Ec. Ent. 38:361, 1945; 39: 150-155, 1946.

i Westcott, Home Gard. [N. Y.] 7(2): 56, 1945.

- APHIS RUMICIS & VIRUS DISEASE OF
CELERY, RINGSPOT
Freitag & Severin, Hilgardia 16:396-
405, 1945.
- APHIS SACCHARI Zehnt.
Annand, USDA EPQ R. f. 1946/47:8
Pemberton, Hawaiian Sugar Planters'
Assoc. P. 66, Expt. Sta. R. f. 1945/46
22, 1947.
- APHIS SACCHARI & VIRUS DISEASE OF
SUGAR CANE
Jensen, Hawaiian Ent. Soc. P. 12 563,
565, 1946.
- APHIS SIERRA Essig
ni Essig, Pan-Pac. Ent. 23:97-100,
1947.
- APHIS SPIRAECOLA Patch (SPIREA
APHID)* (CITRUS APHID)
Acuña & de Zayas, Cuba (Santiago de
las Vegas) C. 85.11, 1946.
Baerg & Lincoln, Ark. Ext. C. 448 12,
1947.
English, Amer. Camellia YB 1 37-38,
1946.
Kearns et al., J. Ec. Ent. 38 661-662,
1945.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45 8, f. 1945/46.
15, f. 1946/47 13.
Thompson & Griffiths, Fla. St. Hort
Soc. P. 60 87-90, 1947.
Watson, Cit. Indus. 26(1) 10, 1945.
- APHIS SPIRAECOLA & MOSAIC OF
BEANS
Jensen, Hawaiian Ent. Soc. P. 12 582,
1946.
- APHIS SPIRAECOLA & VIRUS DISEASE
OF PAPAYA
bi Adsuar, P. R. (Río Piedras) Tech.
Paper 2,5 p., 4:10-11, 1946.
- APHIS TULIPAE Fonsc., see ANURA-
PHIS TULIPAE (Fonsc.)
- APHODIUS ALTERNATUS Horn
Leech, B. C. Ent. Soc. P. 42.2, 1945.
- APHODIUS GUTTATUS Esch. - VERMONT
Robinson, Ent. News 58:149-150, 1947.
- APHODIUS PARDALIS Lec.
Downes, Can. Ins. Pest Rev. 24:128,
1946.
- APHOMIA GULARIS (Zell.) (DRIED
PRUNE MOTH)
Donohoe, Pests 14(9):34, 1946.
- APHONOPELMA sp.
i Cassell, Nat. Hist. 54:278, 1945.
- APHONOPELMA CRYPTETHUS
Chamblin. - VENOM
b Miller, J. Ent. & Zool. 39:45-67, 1947.
- APHONUS CASTANEUS Melsh.
Johnson, Conn. B. 488:407-411, 419,
1945.
- APHRISIA STATIRA NELEIS (Bdvl.)
Martorell, P. R. Univ. J. Agr. 29:480,
483, 1945.
- *APHROPHORA PARALLETA (Say)
(PINE SPITTLEBUG)*
Davault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:23, 1947.
Davault, Can. Ins. Pest Rev. 25:74, 1947.
Watts, USDA FS R. f. 1946:19, 1947.
- APHROPHORA SARATOGENSIS (Fitch)
(SARATOGA SPITTLEBUG)*
Anderson, J. Ec. Ent. 40:695-701,
1947.
Farrar, Arbor. News 11:43, 1946.
- APHROPHORA SARATOGENSIS - INSEC-
TICIDES
Annand, USDA EPQ R. f. 1945/46:16,
1947.
Wernham, Wis.-Upper Mich. For.
News Let. 3(2):13, 1946.
- APHROPHORA SARATOGENSIS - INSEC-
TICIDES - DDT
Anderson, J. Ec. Ent. 38:564-566, 1945.
Annand, USDA EPQ R. f. 1946/47 23.
Burkett, Wis.-Upper Mich. For. News
Let. 3(2) 14, 1946.
Craighead & Brown, USDA EPQ E-649
5, 1945, E-684.9-10, 1946.
- APHROPHORA SARATOGENSIS - PARA-
SITES
Milliron, Ent. Soc. Amer. Ann. 40:217-
220, 1947.
Milliron, Ent. Soc. Wash. P. 49 193-
197, 1947.
- APHROPHORA SARATOGENSIS - PINE
Anderson, J. Ec. Ent. 40:26-33, 1947.
Annand, USDA EPQ R. f. 1943/44.8-9,
1945.
- APHROPHORA SARATOGENSIS & BURN
BLIGHT OF PINE
Anderson, J. Ec. Ent. 40:26-33, 1947.
bi Gruenhagen et al., Phytopathology
37 757-772, 1947.
- APHYCUS FUSCIPENNIS How., see
MELANAPHYCUS FUSCIPENNIS
(How.)
- APHYCUS HOWARDI Ckll., see META-
PHYCUS HOWARDI (Ckll.)
- APHYTIS CHRYSOMPHALI (Mercet)
Smith, Cal. Citrog. 31 415, 1946.
- APHYTIS MYTILASPIDIS (LeB.)
b Lord, Can. Ent. 79 196-209, 1947.
Pickett et al., Sci. Agr. 26:593-596,
599, 1946.
- APICULTURAL ASSOCIATIONS
Agar, West. Can. Beekeeper 8(2):9-10,
1945.
Bain, Iowa St. Apiarist R. 26:54-58,
1945.
i Bessonnet, South. Beekeeper 1(12) 5,
18-19, 1947.
Demers, Abeille et l'Erable 14:56,
1945.
- APICULTURAL ASSOCIATIONS - AR-
KANSAS
McLester, Beekeepers Mag. 8(1):20,
1945.
- APICULTURAL ASSOCIATIONS - CANA-
DIAN BEEKEEPERS' COUNCIL -
MEETINGS
Braun, West. Can. Beekeeper 9:3-4,
1946.
Brown, Can. Bee J. 53(1):3-4, 1945.
- AGRICULTURAL ASSOCIATIONS - EM-
PIRE STATE HONEY PRODUCERS'
ASSOCIATION - MEETINGS
i Root, Gleanings Bee Cult. 74:142-
144, 1946.

APICULTURAL ASSOCIATIONS - ILLINOIS (COOK-DUPAGE CO.)
 i Gill, Gleanings Bee Cult. 75:108-109, 1945.

APICULTURAL ASSOCIATIONS - NATIONAL FEDERATION OF STATE BEEKEEPERS' ASSOCIATIONS
 Carroll, Amer. Bee J. 85:159, 1945.
 Holzberlein, Gleanings Bee Cult. 73:99, 1945.
 Jones, Beekeepers Mag. 8(4):17-20, 1945.
 Jones, Ill. St. Beekeepers' Assoc. R. 45/46:72-75, 146-151, 1947?
 Milum, Amer. Bee J. 85:329, 1945.

APICULTURAL ASSOCIATIONS - NATIONAL FEDERATION OF STATE BEEKEEPERS' ASSOCIATIONS - MEETINGS
 i Dadant, Amer. Bee J. 87:114, 131, 1947.
 i Deyell, Gleanings Bee Cult. 75:88-89, 93; 160-163, 1947.
 Hoffman, Minn. Hort. 73:39, 44, 47, 1945.

APICULTURAL ASSOCIATIONS - NORTH DAKOTA BEEKEEPERS' ASSOCIATION - MEETINGS
 Munro, N. & S. Dak. Hort. 18:31-32, 1945.

APICULTURAL ASSOCIATIONS - ONTARIO BEEKEEPERS' ASSOCIATION - MEETINGS
 Burke, Can. Bee J. 53(1):5-7, 1945.

APICULTURAL ASSOCIATIONS - SOUTHERN STATES BEEKEEPERS' FEDERATION - MEETINGS
 Deyell, Gleanings Bee Cult. 74:44-45, 53, 1946.

APICULTURAL ASSOCIATIONS - TENNESSEE BEEKEEPERS' ASSOCIATION - MEETINGS
 Pratt, Amer. Fruit Grow. 65(1):43, 1945.

APICULTURE
 Abrams, Md. Agr. Soc. R. 30 152-153, 1946, 31:150-156, 1947.
 i Anderson, Pa. Ext. C. 141 rev., 61 p., 1946.
 Baldwin, Occup. Index Inc., Occup. Abs. 79, 6 p., 1945.
 Blizard, Okla. Bien. R. f. 1944/46 Pt. 1:71.
 i Dirks, Maine Ext. B. 346, 33 p., 1946.
 i Garcia Espinosa, Finca [Habana] 1(3):26-31, 1946.
 i Grout et al., Hive & Honey Bee, 633 p., 1946.
 King, Ga. Coastal Plain B. 43:45-47, 1946.
 McLaughlin, W. Va. Dept. Agr. Bien. R. 17:61-62, 1946.
 Moore, N. B. Dept. Agr. R. f. 1944/45: 88-90; f. 1945/46:104-106, f. 1946/47:122-123.
 Myers et al., N. Y. (C.) R. 57:54-55, 1945; 58:57-58, 1946; 59:48-50, 1947.
 Payne, N. S. Dept. Agr. R. f. 1943/44: 123-127, 1945; f. 1944/45:125-130, 1946; f. 1945/46:96-100, 1947.

APICULTURE --Continued.
 Pitt, N. J. Dept. Agr. C. 362, 54 p., 1946.
 i Root et al., ABC & XYZ of Bee Culture, 720 p., 1945.
 i Webster, Wash. Ext. B. 289 rev., 38 p., 1945.

APICULTURE - ALASKA
 i West, Amer. Bee J. 87:432-433, 451-452, 1947.

APICULTURE - ALBERTA
 English, Gleanings Bee Cult. 73:409-411, 440, 1945.
 LeMaistre, Alberta Dept. Agr. R. f. 1944:114-115, 1945; f. 1945:97-99, 1946, f. 1946:99-101, 1947.

APICULTURE - APIARY LOCATIONS
 Dicks, West. Can. Beekeeper 10(1):14-15, 1947.
 Holzberlein, Beekeepers' Mag. 8(12): 20-21, 1946.
 Oertel, La. R. f. 1944/45:129, 1946.
 Rowe, Gleanings Bee Cult. 76:488, 1948.

APICULTURE - APIARY LOCATIONS - BACKLOT
 Pease, Gleanings Bee Cult. 75:193-194, 1947.
 i Woodson, Gleanings Bee Cult. 73:1-2, 33, 1945.

APICULTURE - APIARY LOCATIONS - CITIES
 Eckert, Gleanings Bee Cult. 73:492-493, 1945.

APICULTURE - ARIZONA
 i Weddle, Gleanings Bee Cult. 75:471, 1947.

APICULTURE - ARKANSAS
 i Baerg & Thompson, Ark. Ext. C. 326 rev.-3, 8, 1947.
 i Ellis, Ark. B. 464:8, 1946.

APICULTURE - BEGINNERS
 Dicks, West. Can. Beekeeper 9(3):10-11, 16, 1946.
 i Gregg & Little, Tex. Ext. B. 153, 20 p., 1947.
 i Linn, Beekeepers Mag. 7(11):9-12, 1945.
 i McVey, Amer. Bee J. 87:64-65, 1947.
 i Roney, Ariz. Ext. C. 126, 12 p., 1946.
 i Rowe et al., Starting Right with Bees ed. 8:104 p., 1947.
 Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:116-118, 1947.
 i Shaw, Mass. Ext. Leaf. 148 rev., 44 p., 1947.
 Starnes, Amer. Bee J. 86:413, 432-433, 1946.
 i Stiles, Okla. Ext. C. 238 rev., 31 p., 1947.
 i Wright, West. Can. Beekeeper 10(1): 3-4, 1947.

APICULTURE - BRITISH COLUMBIA
 Dicks, Gleanings Bee Cult. 73:329-331, 1945.
 Munro et al., B. C. Dept. Agr. R. 40: V16, V30, V132, V165, 1946.
 Turnbull et al., B. C. Dept. Agr. R. 41: W34-W37, W138, W148-W149, W184, 1947.

APICULTURE - CALIFORNIA

- 1 Eckert, Cal. Ext. C. 100 rev., 95 p., 1947.
- 1 Tontz, Gleanings Bee Cult. 73 4-5, 1945.

APICULTURE - CANADA

- Brown, Can. Bee J. 53(1).3-4, 1945.
- Gardiner, Can. Min. Agr. R. f. 1946/47. 32-33, 112-114, 167, 188-189.
- Gooderham, West. Can. Beekeeper 8 6-7, 1945.
- Le Maistre, West. Can. Beekeeper 9 (6).16, 1946.

APICULTURE - CLUBS, BOY SCOUT

- 1 Geis, Amer. Bee J. 87.112-113, 1947.

APICULTURE - CLUBS, 4-H

- 1 Smith, Gleanings Bee Cult. 74 385-386, 1946.
- Smith, Pa. Beekeeper 21(2) 12-16, 1946.

APICULTURE - COOPERATIVES - FINGER LAKES HONEY PRODUCERS

- Slaff, USDA Farm Credit Adm. News f. Farm. Coop. 13(8).11, 1946.

APICULTURE - COOPERATIVES - SUPPLIES

- Shield, Can. Bee J. 55(6).11, 24-25, 1947.

APICULTURE - ECONOMICS

- Clay, Gleanings Bee Cult. 75 129-132, 1947.
- 1 Coulter, Gleanings Bee Cult. 74.132-135, 179, 1946.
- Gouget, Amer. Bee J. 85 429-430, 1945, 86.141-142, 167, 1946.
- APICULTURE - ECONOMICS - PRIORITIES
- Clay, Beekeepers Item 29.310, 1945.
- Clay, Beekeepers Item 29.240-241, 1945. Also in Beekeepers Mag. 7 (11).24-25, 1945.
- Kelley, Ill. St. Beekeepers' Assoc. R. 45/46.75-78, 1947?

APICULTURE - EQUIPMENT

- 1 Eckert, Cal. Ext. C. 100 rev..30-37, 1947.
- 1 Johnson, Beekeepers Mag. 8(3) 9-10, 1945.
- 1 Schaefer, Gleanings Bee Cult. 73. 252-253, 1945.
- 1 Stevens, N. C. Ext. C. 274.6-22, 1945.

APICULTURE - EQUIPMENT, see also APIS MELLIFERA - PACKAGE BEES - SHIPPING CAGES

APICULTURE - EQUIPMENT - AIR-CRAFT

- 1 Rudd, Amer. Bee J. 87:538-541, 1947.

APICULTURE - EQUIPMENT - BEE CELLARS

- Wright, West. Can. Beekeeper 9(4):10, 1946.

APICULTURE - EQUIPMENT - BEE HOUSES, HEATED

- 1 Sechrist, Gleanings Bee Cult. 75: 268-271, 1947.
- 1 Sechrist, South. Beekeeper 1(5):6-7, 1947.

APICULTURE - EQUIPMENT - BEE TOWER

- 1 Sechrist, South. Beekeeper 1(8):4-7, 15, 1947.

APICULTURE - EQUIPMENT - BOTTOM BOARDS

- 1 Ranum, West. Can. Beekeeper 10(5) 304, 1947.
- 1 Werner, Gleanings Bee Cult. 75:68-69, 121, 1947.

APICULTURE - EQUIPMENT - COMBS

- 1 Grout, Amer. Bee J. 87.274-275, 1947.

APICULTURE - EQUIPMENT - COSTS

- Amos, Pa. Beekeeper 20(1).8-10, 1945.

APICULTURE - EQUIPMENT - ELECTRIC FENCE

- Storer et al., Amer. Bee J. 85 393, 402, 1945.

APICULTURE - EQUIPMENT - EXTRACING

- 1 Harvey, Gleanings Bee Cult. 75:646-647, 694, 1947.

APICULTURE - EQUIPMENT - FEEDERS, POLLEN

- 1 Dunham, Gleanings Bee Cult. 73.192-193, 1945
- 1 Dunham, Ohio Bimo. B. 31.41-43, 1946.
- 1 Winters, Amer. Bee J. 87 122, 1947.

APICULTURE - EQUIPMENT - FEEDERS, SULFA

- 1 Carter, Amer. Bee J. 87 169, 1947.
- APICULTURE - EQUIPMENT - HIVES
- Farrar, USDA YB f. 1943/47 684-685.
- 1 Finley, Amer. Bee J. 85 319, 1945.
- 1 Kellogg, Fitófilo 4 104-111, 176-188, 243-250, 1945.

- Miles, Beekeepers' Mag. 10(1) 11, 1947.

- Newell, Beekeepers Mag. 7(8).15-16, 1945.

- 1 Sechrist, Gleanings Bee Cult. 74 670-671, 1946.

- Stricker, Gleanings Bee Cult. 73 369-370, 406, 1945.

APICULTURE - EQUIPMENT - HIVES - BASES, CONCRETE

- 1 Goodnow, Beekeepers Item 30 114-115, 1946.

APICULTURE - EQUIPMENT - HIVES - COVERS

- Pirkey, Gleanings Bee Cult. 73 498-499, 1945.

- 1 Taylor, South. Beekeeper 1(6) 6-7, 1947.

APICULTURE - EQUIPMENT - HIVES - PAINT

- Browne, Wis. Hort. 36:237, 1946.

APICULTURE - EQUIPMENT - HIVES, CONCRETE

- 1 Crampton, Amer. Bee J. 87.63, 1947.

APICULTURE - EQUIPMENT - HIVES, DADANT

- Potter, Beekeepers Mag. 7(9).18-20, 1945.

APICULTURE - EQUIPMENT - HIVES, GLASS

- Hardin, Beekeepers Item 29:64-65, 1945.

APICULTURE - EQUIPMENT - HIVES, HEATED
 Grierson, Beekeepers Item 29:164-165, 1945.
 i Grierson, Amer. Bee J. 86:512-513, 1946.
 i McFarland, Beekeepers Item 30:124-125, 1946.
 Sechrist, Beekeepers Item 29:405-406, 1945.
 Sechrist, Beekeepers Mag. 9(8):22-23, 1946.
 i Sechrist, Amer. Bee J. 87:166, 1947.
 i Sechrist, South. Beekeeper 1(10):8-9, 1947.
 i Sechrist & McFarland, Sci. Beekeeping, 64 p., 1946.
 i Starnes, Beekeepers Mag. 8(9):9-13; (10):15-16; (11):17-18; 9(4):9-12, 1946.
 i Starnes, Can. Bee J. 54:237-240, 250, 1946.
 Starnes, West. Can. Beekeeper 9(10):9-10, 19, 1946.
 i Starnes, Amer. Bee J. 87:278-279, 330-331, 340, 1947.
 i Starnes, South. Beekeeper 1(5):10-12; (9):10, 20-22, 1947.
 Taylor, Gleanings Bee Cult. 75:169, 1947.
 i Taylor, South. Beekeeper 1(7):6-7, 21-22, 1947.
APICULTURE - EQUIPMENT - HIVES, HEATED - SOLAR
 i Taylor, South. Beekeeper 1(11):4-5, 1947.
APICULTURE - EQUIPMENT - HIVES, OBSERVATION
 i Ranum, Gleanings Bee Cult. 75:518-519, 1947.
APICULTURE - EQUIPMENT - HIVES, TWIN-COLONY
 i Sechrist, Beekeepers' Mag. 10(7):17-18, 1947.
APICULTURE - EQUIPMENT - HIVES, UPPER ENTRANCE
 i Koover, Gleanings Bee Cult. 75:470, 1947.
APICULTURE - EQUIPMENT - HONEY HOUSES
 i Grout, Amer. Bee J. 86:20, 28-29; 80-81, 1946.
 i Kitson, Gleanings Bee Cult. 75:451-453, 1947.
APICULTURE - EQUIPMENT - OUT-LOOK
 i Root, South. Beekeeper 1(11):6, 1947.
APICULTURE - EQUIPMENT - POLLEN TRAP
 i Killion, Amer. Bee J. 85:50-51, 55, 1945.
 i Killion, Beekeepers Mag. 7(6):11-13, 1945.
 i Schaefer & Farrar, Ill. St. Beekeepers' Assoc. R. 43/44:101-107, 1945?
 i Schaefer & Farrar, USDA EPQ E-531 rev.:5-7, 1946.
 i Tontz, Pop. Sci. Month. 146(5):149, 1945.
APICULTURE - EQUIPMENT - PORTER HIVE HEATER
 i South. Beekeeper 1(4):18, 1947.

APICULTURE - EQUIPMENT - QUEEN INTRODUCER
 i Wyant, Beekeepers Mag. 7(10):10, 1945.
APICULTURE - EQUIPMENT - QUEEN STORAGE
 i Ranum, Wis. Hort. 35:201, 1945.
APICULTURE - EQUIPMENT - SCALES
 i Becker, Gleanings Bee Cult. 74:470-471, 1946.
 i Starnes, Amer. Bee J. 86:517, 1946.
APICULTURE - EQUIPMENT - SMOKER
 Koover, Gleanings Bee Cult. 75:661, 1947.
APICULTURE - EQUIPMENT - WATERER
 i Grierson, South. Beekeeper 1(7):8-9, 1947.
APICULTURE - EQUIPMENT - WAX PRESS
 i Keltz & Sheldon, Mich. Quart. B. 27:292-293, 1945.
APICULTURE - EQUIPMENT - WIRE MUFF
 i Kinard, Amer. Bee J. 85:444, 1945.
APICULTURE - FLORIDA
 Creighton, Fla. Grow. 56 [i.e. 55](1) 14, 27, 1947.
 i Valentine, Fla. Grow. 56 [i.e. 55](1) 5, 28, 1947.
 i Wilbanks, Fla. Grow. 56 [i.e. 55](1). 8, 11, 1947.
APICULTURE - GOALS
 i Anderson, South. Beekeeper 1(9):5, 1947.
 Clay, Gleanings Bee Cult. 74:89, 1946.
APICULTURE - ILLINOIS
 Gill, Ill. St. Beekeepers' Assoc. R. 45/46:47-50, 1947?
 i Taylor et al., Ill. St. Beekeepers' Assoc. R. 43/44:234 p., 1945?
APICULTURE - IOWA
 b Aikman, Iowa St. Hort. Soc. Trans. 80:207-212, 1945.
 Bliss, Iowa Dept. Agr. YB 45:343-344, 1945.
 Paddock, Iowa Dept. Agr. YB 46:213-218, 1946.
 i Paddock, In Iowa St. Col. & Iowa Agr. Expt. Sta., Cent. of Farm. in Iowa 1846-1946:206-213, 1946.
 Paddock, Iowa St. Apiarist R. 26:5-33, 1945; 27:6-52, 1946; 28:4-46, 70-86, 1947.
 Pellett, Iowa St. Apiarist R. 28:49-58, 1947.
APICULTURE - LEGENDS & STORIES
 Wood, Gleanings Bee Cult. 74:18-19, 1946.
APICULTURE - LEGISLATION
 Boyd, Gleanings Bee Cult. 75:331, 375; 401, 1947.
APICULTURE - LEGISLATION - ARKANSAS
 Gay, Beekeepers Item 29:385-386, 1945.
 Gay, Gleanings Bee Cult. 73:502, 1945; 74:358, 1946.
APICULTURE - LEGISLATION - BRITISH COLUMBIA
 Fullerton, Can. Bee J. 55(8):14, 1947.
APICULTURE - LEGISLATION - FLORIDA
 Brown, Amer. Bee J. 85:398, 406, 1945.

APICULTURE - LEGISLATION - FLORIDA --Continued.

Foster, Gleanings Bee Cult. 75:415, 1947.

Houston, South. Beekeeper 1(5):13, 1947.

APICULTURE LEGISLATION - GEORGIA

Alden, Ga. Dept. Ent. B. 88:24-32, 1946.

Alden, Gleanings Bee Cult. 74:358-359, 1946.

Alden, South. Beekeeper 1(7) 17-18, 1947.

Dowling, Gleanings Bee Cult. 75:491, 503, 1947.

Dowling & Alden, Amer. Bee J. 87:395-396, 1947.

APICULTURE - LIBRARIES - CORNELL

Claassen, Sp. Libr. 36(1):14-15, 1945.

i Staff, Amer. Bee J. 86:368, 1946.

APICULTURE - LIBRARIES - MILLER MEMORIAL

Wis. Country Mag. 40(6):24, 1947.

APICULTURE - LOUISIANA

i Kerr, La. Commr. Agr. & Immigr. Bien. R. 32:55-57, 1946.

Oertel, La. Acad. Sci. P. 9:71-76, 1945.

APICULTURE - MEXICO

i Kellogg, Amer. Bee J. 85:11; 356-357, 1945.

APICULTURE - MIGRATORY

Addleman, Amer. Bee J. 86:236, 248-250, 1946.

Alden, Gleanings Bee Cult. 74:358-359, 1946.

Alden, South. Beekeeper 1(7) 17-18, 1947.

Gay, Gleanings Bee Cult. 74:358, 1946.

i Holland, Frontiers 9:151-153, 1945.

Kemp, Md. R. 59:20, 1946.

Krebs, Amer. Bee J. 85:323, 1945.

McNulty, Cal. Cult. 93:474, 1946.

i Miles, Gleanings Bee Cult. 73:297, 1945.

i Tontz, Gleanings Bee Cult. 74:262-264, 313, 1946.

APICULTURE - ONTARIO

i Christie, Ont. Agr. Col. & Expt. Farm R. 70:44-46, 1945.

b Jones, History of Agr. in Ont. 1613-1880:79-80, 318, 1946.

Kennedy et al., Ont. Dept. Agr. R. f. 1944/45:12-13; f. 1945/46:16-17, f. 1946/47:18-19, 24.

Reek, Ont. Agr. Col. & Expt. Farm R. 71:31, 52-54, 1946.

APICULTURE - OUTLOOK

Phillips, Iowa St. Apiarist R. 26:49-54, 1945.

APICULTURE - PERIODICALS - AMERICAN BEE JOURNAL

Pellett, Amer. Bee J. 87:62, 1947.

APICULTURE - PERIODICALS - BEE-KEEPERS ITEM

Kelley, Beekeepers' Item 30:120-121, 1946.

Kelley, Gleanings Bee Cult. 74:248, 1946.

APICULTURE - POLLEN SALVAGE METHOD

i Schaeffer, Amer. Bee J. 87:12-13, 1947

APICULTURE - POLLINATION CONFERENCE

Willson, Amer. Bee J. 87:550-551, 1947.

APICULTURE - QUEBEC

Chercuite, Abeille et l'Erable 14:141-143, 1945.

Méthot, Quebec Min. Agr. R. f. 1944/45: 52-53; f. 1945/46:70-71, 1947.

APICULTURE - RESEARCH

Annand, USDA EPQ R. f. 1943/44:19-20, f. 1944/45:27-29, f. 1945/46:25-29.

Hambleton, Amer. Bee J. 85:273-275, 1945.

Phillips, Amer. Bee J. 87:483, 489, 1947.

i Root, Gleanings Bee Cult. 74:288-289, 1946.

U. S. Dept. Agr., Gleanings Bee Cult. 75:713, 1947.

APICULTURE - RESEARCH - LEGUME SEED

Hambleton, Amer. Bee J. 87:277, 1947.

APICULTURE - RHODE ISLAND

Knutson, R. I. Dept. Agr. & Conserv. R. 12:48-49, 1947.

Leaver, R. I. Dept. Agr. & Conserv. R. 11:38-39, 1946.

APICULTURE - SASKATCHEWAN

Pugh, Saskatch. Dept. Agr. R. 40:107-113, 1945, 41:111-115, 1946; 42:203-206, 1947.

Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan 155-156, 1945.

APICULTURE - STUDY & TEACHING

i Anderson, Pa. Beekeeper 21(3):5-6, 1946.

Parker, Gleanings Bee Cult. 74:27, 1946.

USDA EPQ Div. Bee Culture, USDA EPQ E-276 rev., 10 p., 1946; rev., 10 p., 1947.

APICULTURE - STUDY & TEACHING - EXHIBITS

i Eddy, N. Y. Zool. Soc. B. 48:141-145, 1945.

APICULTURE - TENNESSEE

i Amos, Tenn. Dept. Agr. Bien. R. f. 1944/46:69-76.

Rea, Gleanings Bee Cult. 74:14-15, 1945.

i Teasley, Mod. Beekeeping 30:399-400, 1946.

APICULTURE - TEXAS

Alex, Amer. Bee J. 87:536-537, 1947.

i Lewis, Tex. R. 59:97, 1947.

APICULTURE - VETERANS

Carroll, Beekeepers Mag. 7(11):23-24; (12):16, 1945.

Carroll, Gleanings Bee Cult. 73:260, 1945.

Carroll, Beekeepers' Mag. 9(4):15, 1946.

Carroll, Amer. Bee J. 87:22, 1947.

Carroll et al., Amer. Bee J. 86:108, 118, 1946.

Webb, Free Amer. 9(2):13-14, 1945.

APICULTURE & SOIL CONSERVATION

Elkman, Iowa St. Apiarist R. 27:87-91, 1946.

- APICULTURE & SOIL CONSERVATION**
 --Continued.
 i Roark, South. Beekeeper 1(4):10-11, 20-21, 1947.
- APICULTURE & UNITED NATIONS**
 i Phillips, Amer. Bee J. 87:326-327, 1947.
- APICULTURE & WORLD WAR II**
 Clay, Iowa St. Apiarist R. 26:58-62, 1945.
- APICULTURE FOR THE BLIND**
 i DeGriaznov, Gleanings Bee Cult. 74: 265-267, 1946.
- APICULTURISTS - BARTLETT, IRA D.**
 i Root, Gleanings Bee Cult. 73:340-341, 1945.
- APICULTURISTS - BENTON, FRANK,**
 1852-1919
 Pellett, Amer. Bee J. 86:196-197, 1946.
- APICULTURISTS - BRAUN, ED.**
 Worth, West. Can. Beekeeper 10(11): 3-4, 6, 1947.
- APICULTURISTS - BUCHANAN, F. J.**
 McNulty, Cal. Cult. 93:474, 1946.
- APICULTURISTS - CLAY, HAROLD J.**
 i Cale, Amer. Bee J. 86:372, 1946.
- APICULTURISTS - COOK, ALBERT**
 JOHN, 1842-1916
 Pellett, Amer. Bee J. 86:465, 1946.
- APICULTURISTS - DADANT, CHARLES,**
 1817-1902
 i Pellett, Amer. Bee J. 86:98, 105, 1946.
- APICULTURISTS - DEYELL, M. J.**
 Worth, West. Can. Beekeeper 10(9): 9-10, 1947.
- APICULTURISTS - DOOLITTLE,**
 GILBERT M., 1846-1918
 Pellett, Amer. Bee J. 86:231, 1946.
- APICULTURISTS - DYCE, ELTON**
 JAMES
 i Hawkins, Amer. Bee J. 86:516, 1946.
- Palm, Gleanings Bee Cult. 74:507, 1946.
- APICULTURISTS - DZIERZON,**
 JOHANNES, 1811-1906
 Pellett, Amer. Bee J. 86:506-507, 1946.
- APICULTURISTS - FINLAY, A. W.**
 i Fullerton, Can. Bee J. 53:22, 1945.
- APICULTURISTS - FLOYD, L. T.**
 i Mitchener, Amer. Bee J. 86:13, 1946.
- APICULTURISTS - FOSTER, ROBERT**
 ENOCH
 i Hawkins, Amer. Bee J. 86:474, 1946.
- APICULTURISTS - HASEMAN, LEONARD**
 i Hawkins, Amer. Bee J. 86:328, 1946.
- APICULTURISTS - HAYDAK, MYKOLA**
 H.
 i Hawkins, Amer. Bee J. 86:284, 1946.
- APICULTURISTS - HRUSCHKA, FRANZ**
 VON, 1819-1888
 Pellett, Amer. Bee J. 86:363, 1946.
- APICULTURISTS - HUTCHINSON,**
 WILLIAM Z., 1851-1911
 i Pellett, Amer. Bee J. 86:411, 1946.
- APICULTURISTS - LANGSTROTH,**
 LORENZO LORRAINE, 1810-1895
 i Pellett, Amer. Bee J. 86:148-149, 1946.
- APICULTURISTS - LESTOURGEON,**
 E. GUY
 i LeSturgeon, Beekeepers' Item 30: 120, 1946.
- APICULTURISTS - MILLER, CHARLES**
 C., 1831-1920
 i Pellett, Amer. Bee J. 86:59-60, 1946.
- APICULTURISTS - MILLER, WOODROW**
 i Taylor, C. Gent. 116(5):16-17, 72-74, 1946.
- APICULTURISTS - MILUM, VERN G.**
 i Hawkins, Amer. Bee J. 86:416, 1946.
- APICULTURISTS - PARKS, HARRIS**
 BRALEY
 Coffee, Beekeepers' Item 29:304-305, 1945.
- APICULTURISTS - PARKS, LEWIS W.**
 i Root, Gleanings Bee Cult. 74:17, 1946.
- APICULTURISTS - PELLETT, FRANK**
 CHAPMAN
 Bliss, Iowa St. Apiarist R. 28:66-68, 1947.
- McIntire, Iowa Gard. 1(3):7, 1946.
- Paddock, Iowa St. Hort. Soc. Trans. 82: 24-27, 1947.
- APICULTURISTS - PHILLIPS, EVERETT**
 FRANKLIN
 i Dyce, Gleanings Bee Cult. 74:433, 452, 1946.
- Myers, N. Y. (C.) R. 59:8-9, 1947.
- APICULTURISTS - QUINBY, MOSES,**
 1810-1875
 i Pellett, Amer. Bee J. 86:19, 1946.
- APICULTURISTS - ROOT, AMOS IVES,**
 1839-1923
 i Pellett, Amer. Bee J. 86:321, 1946.
- APICULTURISTS - STILES, CHARLES**
 FRANKLIN
 i Hawkins, Amer. Bee J. 87:182, 1947.
- APICULTURISTS - WEATHERFORD,**
 HENRY W.
 i Hawkins, Amer. Bee J. 87:130, 1947.
- APICULTURISTS - OBITUARIES -**
 BURLESON, THOMAS W., 1876-1944
 i Root, Gleanings Bee Cult. 73:55, 1945.
- APICULTURISTS - OBITUARIES - COLE,**
 EDWIN M., d. 1945
 Paddock, Iowa St. Apiarist R. 27:4-5, 1946.
- APICULTURISTS - OBITUARIES -**
 FRANCE, NEWELL EDWIN, d. 1945
 LeSturgeon, Beekeepers' Item 29: 261-262, 1945.
- i Root, Gleanings Bee Cult. 73:303, 1945.
- APICULTURISTS - OBITUARIES -**
 HAWKINS, KENNETH, 1890-1946
 i Dadant, Amer. Bee J. 86:474, 1946.
- i Root, Gleanings Bee Cult. 74:613, 1946.
- APICULTURISTS - OBITUARIES**
 MERRILL, JOSEPH HENRY, 1881-1946
 i Farrar, Amer. Bee J. 87:81, 1947.
- APICULTURISTS - OBITUARIES -**
 MOSTELLER, WILLIAM, 1871-1946
 LeSturgeon, Beekeepers' Item 29:223, 1945.

- APICULTURISTS - OBITUARIES -
 PETTIT, MORLEY, d. 1945
 1 Root, Gleanings Bee Cult. 73:470, 1945.
- APICULTURISTS - OBITUARIES -
 TANQUARY, MAURICE COLE, 1881-1944
 Carroll, Beekeepers Mag. 7(6):20, 1945.
 Claude, Rev. d'Oka 19(1) 35-36, 1945.
 1 J. Ec. Ent. 38:504, 1945.
- APICULTURISTS - OBITUARIES -
 YATES, CLAUDE L., d. 1945
 Conn. Pom. Soc. P. 55 181-182, 1946.
- APIOCERIDAE
 Rapp & Snow, Pan-Pac. Ent. 21 157-160, 1945.
- APION sp. - BEANS - MEXICO
 b McKelvey et al., J. Ec. Ent. 40:476-479, 1947
- APION MARTINEZI Mshll.
 Martorell, P. R. Univ. J. Agr. 29 452-453, 1945.
- APION PENNSYLVANICUM Boh - GENITALIA - MALE
 1 Bruhn, Great Basin Nat. 8 13, 1947.
- APION ROSTRUM Say
 Frost, N. Y. Ent. Soc. J. 53 221, 1945.
- APION SORDIDUM Smith
 Fautin, Ecol. Monog. 16 274, 1946.
- APION TURBULENTUM Smith - GENITALIA - MALE
 1 Bruhn, Great Basin Nat. 8:12, 1947.
- APIS MELLIFERA L. (HONEY BEE)*
 Bird & Mitchener, Can. Ins. Pest Rev. 24:73, 1946.
 Dean et al., Kans. Ent. Soc. J. 18 91-92, 1945.
 1 Grout et al., Hive & Honeybee rev., 633 p., 1946.
 Hanes & Sturm, J. Ec. Ent. 38:623, 1945.
 1 Root, ABC & XYZ of Bee Culture, rev., 720 p., 1945.
 Smith et al., Kans. Ent. Soc. J. 19:45, 1946, 20:49, 1947.
 1 Winchester, Zoology. 198-206, 1947.
 1 Zinn, Our Martha, 152 p., 1945.
- APIS MELLIFERA - BIOLOGY
 1 Parker & Clarke, Introd. to Anim. Biol. ed. 2:246-276, 1945.
 Rowland, Beekeepers' Item 29:65, 67, 1945.
- APIS MELLIFERA - BREEDING
 Annand, USDA EPQ R. f. 1943/44:20, 1945; f. 1944/45:28-29, 1946.
 Bergmann, West. Can. Beekeeper 8(9):7, 12; (10):7, 12, 1945.
 1 Bessonnet, Amer. Bee J. 85:12, 21, 48, 57, 86-87, 124, 129, 160, 239, 255, 284-285, 324-325, 364-365, 1945.
 Cale, Ill. St. Beekeepers' Assoc. R. 45/46:123-125, 1947?
 Clifford, O. A. C. Review 59:80-81, 1946.
 Dunavan & Purser, S. C. R. 57:63, 65, 1945.
 Farrar, USDA YB f. 1943/47:683-684.
 1 Harrington, West. Can. Beekeeper 10(7):3-4, 1947.
 Haseman, Mo. St. Hort. Soc. Hort. News 7(11):7-8, 1947.
- APIS MELLIFERA - BREEDING--Continued.
 LeStourgeon, Beekeepers' Item 29:374, 1945.
 Mackensen, La. R. f. 1945/46:117, 1947.
 Mackensen, South. Beekeeper 1(12):16-17, 1947.
 Newell, Beekeepers Mag. 7(11):15-16, 25, 1945.
 Newell, Amer. Bee J. 86 144-145, 1946.
 Paddock, Iowa St. Apiarist R. 27:91-97, 1946.
 Reek, Ont. Agr. Col. & Expt. Farm R. 71.31, 53, 1946.
 1 Roberts, Amer. Bee J. 86:185-186, 211, 1946.
 Rothenbuhler, Iowa St. Apiarist R. 28:68-70, 1947.
 Shield, Can. Bee J. 53 155-156, 1945.
 Sweet, Amer. Bee J. 86 511-512, 1946.
- APIS MELLIFERA - BREEDING, see also
 APIS MELLIFERA - QUEENS
- APIS MELLIFERA - BREEDING - DRONES
 Oplinger, Gleanings Bee Cult. 74:659, 711, 1946.
- APIS MELLIFERA - COLONY MANAGEMENT
 Allen, Bio-Dynamics 4(1):12-18, 1945, (2):27-32; 5(1):24-30, 1946. (2):6-13, 1947.
 Amos, Tenn. St. Hort. Soc. P. 40 116, 1946.
 1 Anderson, Pa. Ext. C. 141 rev., 61 p., 1946.
 1 Baerg & Thompson, Ark. Ext. C. 326 rev., 17 p., 1947.
 1 Bullock, Pract. Farm. f. So. ed. 2:414-432, 1946.
 Burrows, Gleanings Bee Cult. 73:251, 279, 1945.
 Davis, in Davis et al., Livestock Enterprises rev. 449-462, 1946.
 Demuth & Root, Five Hundred Answers to Bee Questions rev. 104 p., 1947.
 Deyell, Ill. St. Beekeepers' Assoc. R. 45/46:120-123, 1947?
 1 Dirks, Maine Ext. B. 346:33 p., 1946.
 Dyce, Iowa St. Apiarist R. 28 59-63, 1947.
 Dymont, Can. Bee J. 53 117-118, 1945.
 1 Eckert, Cal. Ext. C. 100 rev., 95 p., 1947.
 Farrar, USDA YB f. 1943/47:680-685.
 1 Kellogg, Fitófilo 4:243-250, 263-267, 371-377, 1945.
 Latham, Gleanings Bee Cult. 75:202-203, 243, 264-266, 310-311, 1947.
 Lyle, Miss. Farm Res. 10(4):1-2, 1947.
 1 Milum, Mich. Ext. C. 566 rev. 52 p., 1945.
 Newell, Amer. Bee J. 86:279, 1946.
 Perigo, Amer. Bee J. 86:152, 160, 1946.
 1 Pike, R. I. Div. Ent. & Plant Ind., Beekeeping in R. I., 80 p., 1947.
 Rahmlow, Gleanings Bee Cult. 74:70-71, 119, 1946.
 1 Rowe et al., Starting Right with Bees ed. 8, 104 p., 1947.
 Schmidt, Minn. Hort. 74:119, 1946.

- APIS MELLIFERA - COLONY MANAGEMENT**--Continued.
- i Stevens, N. C. Ext. C. 274,24 p., 1945.
 - i Webster, Wash. Ext. B. 289 rev., 44 p., 1947.
 - bi Wolfenbarger, Gleanings Bee Cult. 74:327-329, 1946.
 - Wright, West. Can. Beekeeper 8(2):6-7, 1945.
- APIS MELLIFERA - COLONY MANAGEMENT - DRIFTING**
- Jamieson, Gleanings Bee Cult. 75:585, 1947.
- APIS MELLIFERA - COLONY MANAGEMENT - INCREASE**
- i Braun, Can. Dept. Agr. Pub. 774 (FB 130), 13 p., 1945.
 - Braun, West. Can. Beekeeper 9(3):7-9, 1946.
 - Gooderham, West. Can. Beekeeper 9 (5):6-7, 1946.
 - Lishman, Amer. Bee J. 87:170, 1947.
 - i Newell, Beekeepers' Mag. 10(4):9-10, 1947.
 - Shoemaker, Gleanings Bee Cult. 74: 196-197, 1946.
 - i Tontz, Gleanings Bee Cult. 75:65-67, 1947.
 - Wright, West. Can. Beekeeper 8(10):6, 12, 1945.
- APIS MELLIFERA - COLONY MANAGEMENT - LAYING WORKERS**
- Reece, Gleanings Bee Cult. 73:381-382, 1945.
 - Starkey, Beekeepers' Item 29:296-297, 1945.
- APIS MELLIFERA - COLONY MANAGEMENT - MOVING**
- i [Dadant], Amer. Bee J. 86:462-464, 1946.
- APIS MELLIFERA - COLONY MANAGEMENT - ORANGE NECTAR FLOW**
- i Tontz, Gleanings Bee Cult. 74:532-534, 1946.
- APIS MELLIFERA - COLONY MANAGEMENT - QUIETING BEES**
- Ede, Amer. Bee J. 85:352, 1945.
- APIS MELLIFERA - COLONY MANAGEMENT - REMOVING HONEY**
- Benson, Amer. Bee J. 87:431, 1947.
 - Gooderham, Abeille et l'Erable 14: 105-106, 1945.
 - Wright, West. Can. Beekeeper 9(2):7-8, 1946.
- APIS MELLIFERA - COLONY MANAGEMENT - ROBBING**
- Barnes, Amer. Bee J. 87:339, 1947.
 - i Burrows, Mod. Beekeeping 31:154-155, 1947.
 - i Cale, Amer. Bee J. 86:414-415, 1946.
 - Tontz, Beekeepers' Item 29:300-301, 1945.
- APIS MELLIFERA - COLONY MANAGEMENT - SPRING**
- i Allen, Can. Bee J. 54:49-50, 1946.
 - i Braun, Can. Dept. Agr. Pub. 774 (FB 130), 13 p., 1945.
 - i English, Gleanings Bee Cult. 75:3-6, 1947.
 - Gooderham, Abeille et l'Erable 16:32-35, 1947.
- APIS MELLIFERA - COLONY MANAGEMENT - SPRING**--Continued.
- i Jessup, Gleanings Bee Cult. 73:185-187, 1945; 74:193-195, 1946.
 - Morse, Gleanings Bee Cult. 74:257-259, 1946.
 - Phillips, Amer. Bee Jour. 85:233-234, 236-237, 1945.
- APIS MELLIFERA - COLONY MANAGEMENT - SWARMING**
- Beardsley, Beekeepers' Mag. 10(4) 11-13, 1947.
 - Bergman, West. Can. Beekeeper 8(2) 13, 1945.
 - i Bohne, South. Beekeeper 1(5):8-9, 1947.
 - i Heacock, Gleanings Bee Cult. 75:257-259, 1947.
 - i Hofmann, Gleanings Bee Cult. 74:321-324, 1946.
 - Morse, Gleanings Bee Cult. 73:188,241, 1945; 75:458-459, 1947.
 - Mraz, Gleanings Bee Cult. 74:391,403, 1946.
 - Myers, Amer. Bee J. 85:234, 1945.
 - i Temple, Amer. Bee J. 87:271, 1947.
 - Thomson, Gleanings Bee Cult. 75:12-13, 1947.
- APIS MELLIFERA - COLONY MANAGEMENT - TRANSFERRING**
- i Houston, South. Beekeeper 1(7) 12-15, 1947.
 - i Moot, Gleanings Bee Cult. 73:496-497,524, 1945.
 - i Moot, Amer. Bee J. 86:275-276, 1946.
 - i Tontz, Gleanings Bee Cult. 73:12,374-375, 1945.
 - i Webb, Mod. Beekeeping 31:121-122, 1947.
- APIS MELLIFERA - COLONY MANAGEMENT - WINTER**
- i Beveridge, West. Can. Beekeeper 8 (14, i.e. 12):10, 1945.
 - Braun, Amer. Bee J. 87:580, 1947.
 - Braun & Geiger, Can. Bee J. 55(10):6-10,27; (11):6-9; (12):12, 1947.
 - Braun et al., West. Can. Beekeeper 10(11):7-8, 1947.
 - Deschenes, Abeille et l'Erable 14:92-93, 1945.
 - i Deyell, Gleanings Bee Cult. 73:458-460, 1945.
 - i Dunavan, S. C. R. 57:62-63, 1945.
 - English, Gleanings Bee Cult. 73:409-411,440, 1945.
 - Floyd, West. Can. Beekeeper 8(10):10-11, 1945.
 - Gooderham, Can. Bee J. 53:157-159, 1945.
 - i Heacock, Gleanings Bee Cult. 75:641-645, 1947.
 - b Jamieson, Can. Bee J. 53:95-97, 1945.
 - i Langley, Amer. Bee J. 85:392,415, 1945.
 - i LeMaistre, Alberta Ext. B. 58 rev., 18 p., 1947.
 - i Lininger et al., Pa. B. 475:11, 1945; 480:10-11, 1946; 488:7, 1947.
 - i Mraz, Gleanings Bee Cult. 75:577-583, 1947.
 - Newell, Amer. Bee J. 85:318, 1945.

APIS MELLIFERA - COLONY MANAGEMENT - WINTER--Continued.
 Newell, Beekeepers' Item 29:375-376, 1945.
 Newell, Gleanings Bee Cult. 73:11, 456,483, 1945.
 Pugh, Saskatch. Dept. Agr. R. 40:109-110, 1945, 41:113, 1946.
 i Robinson, Iowa St. Apiarist R. 26:80-84, 1945.
 i Rock, West. Can. Beekeeper 10(6). 6-7, 1947.
 Root & Farrar, Gleanings Bee Cult. 73:142, 1945.
 i Stricker, Amer. Bee J. 86:466-467, 484, 1946.
 Stricker, West. Can. Beekeeper 10(2): 12-13, 1947.
 i Taylor, Amer. Bee J. 87:216-217, 1947.
 i Tripp, Can. Bee J. 55(9) 10, 1947.
 Walker, Gleanings Bee Cult. 73:452-453, 1945.

APIS MELLIFERA - COLONY MANAGEMENT - WINTER-KILLING
 Kennedy, West. Can. Beekeeper 8(11) 15, 1945.
 Robinson, West. Can. Beekeeper 8(11). 12, 1945.

APIS MELLIFERA - COMMUNICATION
 Douglas, Forum 104:328-329, 1945.
 Gardiner, Can. Min. Agr. R. f. 1946/47:114.
 Haydak, Amer. Bee J. 85:316-317, 1945.
 Haydak, Organ. Gard. 7(6):13-15, 1945.
 Milum, Ill. St. Acad. Sci. Trans. 40: 194-196, 1947.
 Newell, Amer. Bee J. 85:439, 1945.
 i Schiller, Gleanings Bee Cult. 75:460-463, 1947.
 Schmieder, Ent. News 58 152-154, 1947.

APIS MELLIFERA - CONTROL IN BUILDINGS - DDT
 Davis, J. Ec. Ent. 39:61, 1946.
 Price, Ky. Ext. C. 438:8, 1947.
 Clark, Iowa St. Hort. Soc. Trans. 80: 76, 1945.
 Kulash, J. Ec. Ent. 38:609-610, 1945.

APIS MELLIFERA - DEAD BEES AS FOOD OF BOXELDER BUG
 Knowlton, J. Ec. Ent. 40:915, 1947.

APIS MELLIFERA - DISEASES
 i Martin, Manitoba Dept. Agr. & Immigr. Pub. 208,16 p., 1947.
 Nelson, Iowa St. Apiarist R. 26:66-69, 1945.

APIS MELLIFERA - DISEASES - ADULT
 Phillips, Iowa St. Apiarist R. 26:69-75, 1945.

APIS MELLIFERA - DISEASES - DYSENTERY
 Phillips, Iowa St. Apiarist R. 26:75-78, 1945.

APIS MELLIFERA - DISEASES - FOUL-BROOD
 Knutson, R. I. Dept. Agr. & Conserv. R. 12:49, 1947.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN
 Anderson, USDA R. Sec. f. 1947:139-140

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN--Continued.
 Annand, USDA EPQ R. f. 1946/47:30.
 Brown, Amer. Bee J. 85:398,406, 1945.
 b Burnside, J. Ec. Ent. 38:365-368, 1945.
 i Cale, Amer. Bee J. 86:188-189, 1946.
 Foster, Fla. Grow. 53(2):24, 1945.
 Gardner, Gleanings Bee Cult. 75:10-11,54, 1947.
 Grierson, Beekeepers' Item 29:268, 1945.
 Gunther & McCoy, Beekeepers' Mag. 9(2):11-13, 1946.
 Hill, Wyo. R. 53:25-26, [1946], 54:25-26, 1946; 55 25-26, 1946?
 i Holcombe, N. J. Dept. Agr. C. 367, 9 p., 1947.
 Holst, Gleanings Bee Cult. 74:138-139, 1946.
 Hofst, USDA YB f. 1943/47:686-688.
 Houston, South. Beekeeper 1(5):13, 1947.
 Houston et al., South. Beekeeper 1(3) 12-14, 1947.
 Lininger et al., Pa. B. 480:10, 1946.
 Martin et al., West. Can. Beekeeper 10(11):11-12, 1947.
 Méthot, Quebec Min. Agr. R. f. 1944/45:53, f. 1945/46:70, 1947.
 Munro, B. C. Dept. Agr. R. 41:W28, 1947.
 Newell, Beekeepers' Item 29 232-233, 1945.
 Orr, Beekeepers' Item 29 264-265, 1945.
 Singleton, West. Can. Beekeeper 9(3): 12-13, 1946, 10(11):16,18, 1947.
 Sturtevant, USDA YB f. 1943/47:674-677.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN, see also ANTIBIOTIC SUBSTANCES - BACILLUS LARVAE

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN - CULTURE MEDIA
 Annand, USDA EPQ R. f. 1945/46:26, 1947.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN - FIELD TEST
 Annand, USDA EPQ R. f. 1944/45:28, 1946; f. 1945/46:26, 1947.
 Gardiner, Can. Min. Agr. R. f. 1945/46:28; f. 1946/47:32-33.
 Hambleton, Beekeepers' Item 29:283-284, 1945.
 Holst, Gleanings Bee Cult. 74:6-7, 1946
 b Katznelson & Lochhead, Sci. Agr. 27: 67-71, 1947.
 Lochhead, West. Can. Beekeeper 10 (5):12-14, 1947.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN - PENICILLIN
 Annand, USDA EPQ R. f. 1945/46:27, 1947.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN - RESISTANCE
 Annand, USDA EPQ R. f. 1943/44:20, 1945; f. 1944/45:27-28, 1946; f. 1945/46:28, 1947.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN - RESISTANCE--Continued.

- Hill, Wyo. R. 56:13-15, 1947.
Jardine et al., USDA OES R. f. 1944/45:56, 1946.
Kemp, Md. R. 58:17-18, 1945.
Martin, N. J. R. 66:90, 1946.
Mraz, Beekeepers Mag. 7(12):9-10, 1945.
Newell, Gleanings Bee Cult. 74:660-661, 712, 1946.
Park & Paddock, Iowa R. f. 1944/45 pt. 1.253-255, f. 1945/46 pt. 1.231-232; f. 1946/47 pt. 1:209-210.
Polley, Amer. Bee J. 85:391, 1945.
Singleton, West. Can. Beekeeper 8(3). 9, 1945.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN - SULFA DRUGS

- i Anderson, Gleanings Bee Cult. 75. 328-330, 1947.
Annand, USDA EPQ R. f. 1945/46 26; f. 1946/47:30.
Baxter, Amer. Bee J. 86:55-56, 1946.
i Baxter, Gleanings Bee Cult. 75:334-337, 1947.
Bernett, Beekeepers Mag. 8(4):9-11, 1945.
Cale, Amer. Bee J. 86:102-103, 464, 1946, 87:476, 1947.
Cale & Kirilin, Amer. Bee J. 86 195-196, 1946.
Gardiner, Can. Min. Agr. R. f. 1946/47: 113-114.
Childers, Amer. Bee J. 85:83-84, 118, 135, 1945; 87:328-329, 340, 1947.
i Childers, Gleanings Bee Cult. 75:520-521, 1947.
Eckert, Amer. Bee J. 86:319-320, 1946.
b Eckert, J. Ec. Ent. 40:41-44, 1947.
Farner, Gleanings Bee Cult. 75:620, 1947.
Foster, Amer. Bee J. 86:461, 1946.
Foster, Gleanings Bee Cult. 74:606-607, 650, 1946.
Gooderham, Abeille et l'Erable 16 10-11, 35-36, 44-45, 1947.
Gooderham, Can. Bee J. 55(7):11, 22-24, 1947.
Gooderham, West. Can. Beekeeper 10 (2):11-12, 1947.
Hambleton, Amer. Bee J. 87:68, 1947.
Haseman, Amer. Bee J. 86:276-277, 1946.
Haseman, Gleanings Bee Cult. 74:438, 456, 543, 583, 1946.
Haseman, J. Ec. Ent. 39:5-7, 1946.
Haseman, Amer. Bee J. 87:268-269, 1947.
i Haseman, Mod. Beekeeping 31:183-184, 195, 1947.
Haseman, Ill. St. Beekeepers' Assoc. R. 45/46:115-120, 1947?
i Haseman, South. Beekeeper 1(4):6-8, 1947.
Houston, West. Can. Beekeeper 9(11): 14-16, 1946.
Houston, Fla. Grow. 56 [i.e. 55](1):12, 17, 1947.

APIS MELLIFERA - DISEASES - FOUL-BROOD, AMERICAN - SULFA DRUGS--Continued.

- i Houston, South. Beekeeper 1(1):6-10, 1947.
Johnson, Conn. B. 512:51-54, 1946.
Johnson, J. Ec. Ent. 40:338-343, 1947.
b Johnson & Stadel, J. Ec. Ent. 39:141-144, 1946.
Kelty, Beekeepers' Mag. 8(11):11, 1946.
Kelty, Gleanings Bee Cult. 74:291, 1946.
King, Ga. Coastal Plain B. 43:46-47, 1946.
Latham, Amer. Bee J. 87:118, 1947.
Lesh, Gleanings Bee Cult. 75:206-207, 1947.
i Lininger et al., Pa. B. 488:5-6, 1947.
Martin, N. J. R. 67:82-83, 1947?
Mraz, Beekeepers' Item 29:352, 1945.
i Nieb, Gleanings Bee Cult. 74:204-205, 268-270, 309, 335, 1946.
Otis, Gleanings Bee Cult. 74:432, 1946.
Polley, Amer. Bee J. 85:391, 1945.
b Reinhardt, J. Ec. Ent. 40:45-48, 1947.
Reinhardt, South. Beekeeper 1(1):10-11, 17, 1947.
Schrage, Amer. Bee J. 87:164-165, 1947.
Selwyn, Can. Bee J. 55(8):10, 1947.
Shaw & Witherell, Gleanings Bee Cult. 74:668-669, 1946.
Slate, Conn. R. f. 1944/45:21; f. 1945/46:12.
i Stephen, Can. Bee J. 55(1):5-8, 1947.
Stephen, West. Can. Beekeeper 10(1) 15, 1947.
Stewart, Amer. Bee J. 87:70-71, 1947.
Stricker, Amer. Bee J. 86:405-406, 1946.
Tardif, Quebec Min. Agr. R. f. 1945/46. 72, 1947.
Thomas, Gleanings Bee Cult. 75:155, 1947.
Trullinger et al., USDA OES R. f. 1945/46:113, 1947.
APIS MELLIFERA - DISEASES - FOUL-BROOD, EUROPEAN
Gardiner, Can. Min. Agr. R. f. 1945/46: 28.
Katznelson, J. Bact. 53:125, 1947.
b Katznelson & Lochhead, J. Bact. 53: 83-88, 1947.
b Sturtevant, Gleanings Bee Cult. 74: 482, 1946.
APIS MELLIFERA - DISEASES - FOUL-BROOD, PARA FOULBROOD
b Katznelson & Lochhead, J. Bact. 53: 83-88, 1947.
APIS MELLIFERA - DISEASES - NOS-EMA APIS
Annand, USDA EPQ R. f. 1945/46:27; f. 1946/47:30.
i Barnes, Gleanings Bee Cult. 74:657-658, 710, 1946.
Childers, Amer. Bee J. 85:194, 203, 1945; 86:56-57; 107-108, 1946.
Dadant, Amer. Bee J. 87:379, 1947.
b Farrar, J. Ec. Ent. 40:333-338, 1947.
Hill, Wyo. R. 53:26-27, [1946]; 55:26-27, 1946; 56:15-16, 1947.
Jamieson, West. Can. Beekeeper 8(2): 8, 1945; 9(2):3-4, 17, 1946.

**APIS MELLIFERA - DISEASES - NOS-
EMA APIS--Continued.**

- Knutson, Amer. Bee J. 85:127, 1945.
Morris, Amer. Bee J. 87:592, 1947.
Sechrist, Beekeepers Mag. 7(6):13-15,
1945.
Sturtevant, USDA YB f. 1943/47:677-
678.
Wright, West. Can. Beekeeper 8(14,
i.e. 12) 7-8, 1945.
Wright, Gleanings Bee Cult. 75:464-
465, 1947.

**APIS MELLIFERA - DISEASES - PA-
RALYSIS**

- Burnside, Amer. Bee J. 85:354-355,
363, 1945.
Burnside, Sci. News Let. 47:24, 1945.
Hill, Wyo. R. 53:27, 1946?, 54:27,
1946?
Morrison, Beekeepers' Item 29:262-
263, 1945.
Pering, Amer. Bee J. 85:435, 1945.
Sturtevant, USDA YB f. 1943/47:678-
679.

**APIS MELLIFERA - DISEASES - PUR-
PLE BROOD**

- King, Ga. Coastal Plain B. 43:45-46,
1946.

**APIS MELLIFERA - EFFECT OF INFRA-
RED RADIATION**

- i Miles & Beck, Sci. News Let. 52:338,
1947.

APIS MELLIFERA - EYES

- Dicks, Gleanings Bee Cult. 74:529-
531, 1946.

APIS MELLIFERA - FOOD

- i Farrar, Amer. Bee J. 85:313-315,
323, 1945.
Newell, Gleanings Bee Cult. 74:203,
247, 1946.

APIS MELLIFERA - FOOD, see also

APIS MELLIFERA - ROYAL JELLY

APIS MELLIFERA - FOOD - POLLEN

- Farrar, Wis. Hort. 38:206, 1946.
Gardiner, Can. Min. Agr. R. f.
1945/46:93-94.
Jamieson, West. Can. Beekeeper 8(2)
3-4, 13, 1945.
b Jamieson, Can. Bee J. 53:95-97,
1945, 55(4):6-7, 1947.
Jessup, Beekeepers' Item 29:387-388,
1945.
Jessup, Iowa St. Apiarist R. 26:83-84,
1945.
Newell, Amer. Bee J. 86:99, 1946.
bi Todd & Bishop, USDA EPQ E-536
rev., 7 p., 1946.
i Tontz, Gleanings Bee Cult. 73:45, 77,
1945.
Vansell, Amer. Bee J. 85:396, 400,
1945.

**APIS MELLIFERA - FOOD - POLLEN -
COLLECTION**

- Killion, Amer. Bee J. 85:84-85, 1945.
McMullen, West. Can. Beekeeper 8(5).
7, 1945.

**APIS MELLIFERA - FOOD - POLLEN -
COMPOSITION**

- bi Ellis et al., J. Allergy 18:55-59,
1947.

**APIS MELLIFERA - FOOD - POLLEN
SUPPLEMENTS**

- Annand, USDA EPQ R. f. 1944/45:29,
f. 1945/46:28, f. 1946/47:31.
Childers, Amer. Bee J. 85:83-84, 1945;
86:143-144, 1946.
Dunavan, S. C. R. 57:65-66, 1945.
Dunham, Abeille et l'Erable 14:44,
1945.
Dunham, Gleanings Bee Cult. 73:192-
193, 241, 1945.
i Dunham, Ohio Bimo. B. 31:41-43,
1946.
Farrar, USDA YB f. 1943/47:682.
i Farrar, Amer. Bee J. 86:109, 1946.
Gooderham, Abeille et l'Erable 16:21-
22, 1947.
Haydak, Amer. Bee J. 85:119, 123, 1945.
Haydak, Gleanings Bee Cult. 73:254,
283, 1945.
Haydak, J. Ec. Ent. 38:484-487, 1945.
i Head, Amer. Bee J. 87:168, 1947.
Killion, Amer. Bee J. 85:122, 1945.
Killion, Beekeepers' Item 29:159-160,
1945.
Martin, N. J. R. 66:91, 1946.
i Schaefer & Farrar, Ill. St. Beekeep-
ers' Assoc. R. 43/44:97-107, 1945?
i Schaefer & Farrar, USDA EPQ E-
531 rev. 1-5, 7, 1946.
Wolfe, Neb. R. 60:96, 1947.
Wolfe, Iowa St. Apiarist R. 28:63-66,
1947.

APIS MELLIFERA - FOOD - SUGAR

- Clay, Gleanings Bee Cult. 74:85, 223,
1946.
Gooderham, Abeille et l'Erable 14:83,
1945.
McLellan, Can. Bee J. 55(9) 9, 1947.
Newell, Beekeepers Mag. 7(6):23-24,
1945.
i Tontz, Mod. Beekeeping 31:337-338,
1947.

**APIS MELLIFERA - FOOD - SUGAR -
PRIORITY**

- USDA Prod. & Mktg. Adm., Amer. Bee
J. 87:235, 1947.

**APIS MELLIFERA - FOOD - SUGAR
(DRY)**

- Dowling, Amer. Bee J. 85:204, 1945.
i Frederick (Brother), Amer. Bee J.
87:167-168, 1947.

**APIS MELLIFERA - FOOD - SUGAR
SIRUP**

- i Tontz, Gleanings Bee Cult. 73:197,
237, 1945.

APIS MELLIFERA - GENETICS

- Watson, Amer. Bee J. 85:155, 1945.
**APIS MELLIFERA - HABITS & BEHAV-
IOR**

- Dicks, West. Can. Beekeeper 8(4):6-7,
1945.
Grant, J. Ent. & Zool. 38:48, 1946.
i Headstrom, Horticulture 24:560, 562,
1946.
Milum, Ill. St. Beekeepers' Assoc. R.
45/46:110-115, 1947?
**APIS MELLIFERA - HABITS & BEHAV-
IOR - COLONY MORALE**
Newell, Beekeepers' Item 30:56-58, 1946

- APIS MELLIFERA - HABITS & BEHAVIOR - FLIGHT**
Schmieder, Ent. News 57:16-19, 1946.
Walker, Gleanings Bee Cult. 73:452-453, 1945.
Whitcomb, La. R. f. 1945/46.115-116, 1947.
- APIS MELLIFERA - HABITS & BEHAVIOR - NECTAR GATHERING**
Ashley, Amer. Bee J. 87:375, 1947.
Evans, West. Can. Beekeeper 8(10): 15, 1945.
Martin, Iowa St. Apiarist R. 27:80-81, 1946.
Park, Iowa R. f. 1945/46 pt. 1:228-229, f. 1946/47 pt. 1:203.
- APIS MELLIFERA - HABITS & BEHAVIOR - NECTAR RIPENING**
Reiter, Amer. Bee J. 87:533,552, 1947.
- APIS MELLIFERA - HABITS & BEHAVIOR - POLLEN COLLECTING**
Annand, USDA EPQ R. f. 1945/46: 28-29.
i Hare & Vansell, Amer. Soc. Agron. J. 38:462-469, 1946.
Hill, Wyo. R. 56 16-17, 1947.
i Schaefer & Farrar, USDA EPQ E-531 rev., 7 p., 1946.
bi Todd & Bishop, USDA EPQ E-536 rev., 7 p., 1946.
Whitcomb, La. R. f. 1945/46.114-116, 1947.
- APIS MELLIFERA - HABITS & BEHAVIOR - WAX & COMB BUILDING**
i Cogshall, Amer. Bee J. 85:54, 1945.
i Deyell, Gleanings Bee Cult. 75:385-388, 1947.
i Grout, Amer. Bee J. 87:220-221, 1947.
Latham, Gleanings Bee Cult. 73:413, 445, 1945.
Miller, Gleanings Bee Cult. 73:12, 1945.
i Ranum, Gleanings Bee Cult. 75:518-519, 1947.
Twigg-Porter, Gleanings Bee Cult. 73: 331, 1945.
Wedmore, Amer. Bee J. 87:479, 1947.
Whitcomb, Gleanings Bee Cult. 74:198-202,247, 1946.
Whitcomb, La. R. f. 1944/45:127-128, 1946.
- APIS MELLIFERA - IMPORTATIONS**
Mraz, Amer. Bee J. 87:424, 1947.
- APIS MELLIFERA - LEGISLATION - CANADA**
Gooderham, Gleanings Bee Cult. 73: 141, 1945.
Gooderham, West. Can. Beekeeper 8(4):7, 1945.
- APIS MELLIFERA - LEGISLATION - IMPORTATION OF QUEENS**
Hambleton, Gleanings Bee Cult. 75: 277,305, 1947.
i Hambleton, South. Beekeeper 1(6): 10-11, 1947.
USDA Agr. Res. Adm., Gleanings Bee Cult. 75:457,621, 1947.
- APIS MELLIFERA - LITERATURE - POETRY**
Twinn, Pests 15(7):28,30,32; (11):14-16,18, 1947.
- APIS MELLIFERA - MEXICO**
Gonzalez, Gleanings Bee Cult. 75:586-587, 1947.
- APIS MELLIFERA - NERVOUS SYSTEM**
b Patterson et al., Arch. Biochem. 7 (1):201-210, 1945.
b Richards & Cutkomp, J. Cell. & Compar. Physiol. 26(1):57-61, 1945.
- APIS MELLIFERA - OLFACTORY SENSE**
i Miles & Beck, Sci. News Let. 52:339, 1947.
- APIS MELLIFERA - PACKAGE BEES**
Bessonnet, Gleanings Bee Cult. 74 65-69, 1946.
Braun, Amer. Bee J. 87 580, 1947.
i Cutts, Fla. Grow. 56 [i.e. 55](1):7,25, 1947.
Dadant, Amer. Bee J. 86:328-329, 1946, 87:324-325,339, 1947.
i Dunham, Ohio Ext. B. 159 rev., 16 p., 1946.
Harrison, Amer. Bee J. 85 276, 1945.
i Le Maistre, Alberta Ext. B. 77.10 p., 1947.
Lininger et al., Pa. B. 475.11-12, 1945, 480.11, 1946.
i Mallory, Gleanings Bee Cult. 73.121-123,173, 1945.
Methot, Abeille et l'Erable 14.68, 1945.
i Morse, Gleanings Bee Cult. 75 321-323, 1947.
Newell, Amer. Bee J. 87.115, 1947.
i Pettit, Gleanings Bee Cult. 73 41-43, 1945.
Rock, West. Can. Beekeeper 9(10).3, 16, 1946.
i Shackelford, Gleanings Bee Cult. 73 81-83, 1945.
Stricker, West. Can. Beekeeper 9(5) 3-4,15, 1946.
Whitcomb, La. R. f. 1944/45.128, 1946.
Wright, Gleanings Bee Cult. 74.535,582, 1946.
USDA BAE, Gleanings Bee Cult. 74.229, 1946.
- APIS MELLIFERA - PACKAGE BEES - FEEDING**
Whitcomb, South. Beekeeper 1(2):12, 1947.
- APIS MELLIFERA - PACKAGE BEES - INSTALLING**
i Barnes, Amer. Bee J. 85:55, 1945.
Farner, Beekeepers Mag. 7(8):9-10, 1945.
Feedham, West. Can. Beekeeper 8(4): 4, 1945.
Jamieson, Can. Bee J. 54:51-52, 1946.
Jamieson, West. Can. Beekeeper 9(4): 9, 1946.
Kinard, South. Beekeeper 1(3):14-15, 1947.
Maunsell, West. Can. Beekeeper 10(4): 15-16, 1947.
- APIS MELLIFERA - PACKAGE BEES - QUEEN SUPERSEDURE**
b Farrar, J. Ec. Ent. 40:333-338, 1947.
- APIS MELLIFERA - PACKAGE BEES - SHIPMENT**
Diemer, Amer. Bee J. 87:123, 1947.
USDA BAE, Gleanings Bee Cult. 75: 231, 1947.

APIS MELLIFERA - PACKAGE BEES - SHIPMENT, AIR

1 Dadant, Amer. Bee J. 87 320-321, 1947.

Hale, South. Beekeeper 1(6).14, 1947.

Puett & Grimsley, South. Beekeeper 1(2) 11,17-18, 1947.

1 Whitcombe, Amer. Bee J. 87.582-585, 1947.

APIS MELLIFERA - PARTHENOGENESIS

Moffit, Can. Bee J. 53:189-190, 1945.

Moffit, West. Can. Beekeeper 9.6, 1946.

APIS MELLIFERA - PESTS

Enzmann, N. Y. Ent. Soc. J. 55:219-222, 1947.

1 Garcia Espinosa, Finca [Habana] 1 (3) 30-31, 1946.

Martin, Manitoba Dept. Agr. & Im-migr. Pub. 208.15, 1947.

APIS MELLIFERA - PESTS - ANTS

Hastings, West. Can. Beekeeper 8(14, i.e. 12) 12-13, 1945.

Robinson, West. Can. Beekeeper 8(9) 9, 12, 1945.

Shearwood, West. Can. Beekeeper 8 (11) 8,11, 1945.

Stricker, West. Can. Beekeeper 10(1) 17, 1947.

Stuart, Gleanings Bee Cult. 73.10, 1945

APIS MELLIFERA - PESTS - ASILIDAE

Alex, Bklyn. Ent. Soc. B. 42.170-172, 1947.

Bromley, Ent. Soc. Wash. P. 48 16-17, 1946.

Knowlton, Bklyn. Ent. Soc. B. 42:175, 1947.

APIS MELLIFERA - PESTS - BEARS

1 Cale, Amer. Bee J. 86 507, 1946.

Hess, Pa. Beekeeper 20(1).13-14, 1945.

1 Hightower, Fauna 9.116-117, 1947.

1 Selwyn, Gleanings Bee Cult. 75:133-135, 1947.

Storer et al., Amer. Bee J. 85:393,402, 1945.

1 Walker, Gleanings Bee Cult. 73:53, 1945.

1 White, Gleanings Bee Cult. 75:652-653, 1947.

APIS MELLIFERA - PESTS - BIRDS

Grant, Gleanings Bee Cult. 74:478-479,519, 1946.

APIS MELLIFERA - PESTS - DEATH'S HEAD MOTH

1 Brugger, Gleanings Bee Cult. 74:602-603,651, 1946.

APIS MELLIFERA - PESTS - ODNATA

Wright, Tenn. Acad. Sci. J. 21:66, 1946.

APIS MELLIFERA - PESTS - PHYMATA WOLFI

Blake, J. Ec. Ent. 39:295, 1946.

APIS MELLIFERA - PESTS - SKUNKS & OPOSSUMS

1 Rea, Amer. Bee J. 86:470, 1946.

APIS MELLIFERA - PESTS - SNAKES

1 Fortin, Amer. Bee J. 87:487, 1947.

APIS MELLIFERA - PESTS - WASPS

Dicks, West. Can. Beekeeper 8(14 i.e. 12):6,13, 1945.

APIS MELLIFERA - PESTS - WAX MOTHS

King, Ga. Coastal Plain B. 43.45, 1946.

Milum, Amer. Bee J. 87:338, 1947.

1 Webb, Mod. Beekeeping 31.332-333, 347, 1947.

APIS MELLIFERA - POISONING - ARSENICAL FUMES

Annand, USDA EPQ R. f. 1944/45.28,

1946, f. 1945/46.27, 1947.

Knowlton et al., Utah Mimeo. Ser. 337, 5 p., 1947.

APIS MELLIFERA - POISONING - INSECTICIDES

Annand, USDA EPQ R. f. 1943/44 19-20, f. 1945/46:7.

Burgess, Ariz. R. 56 13, 1946, 57.10, 45, 1947.

1 Dyce, Amer. Bee J. 87 486-487, 1947.

Dyce, N. Y. St. Hort. Soc. P. 92.97-103, 1947.

Eckert, Gleanings Bee Cult. 73 129-131,175, 1945.

Eckert, West. Grow. & Ship. 16(4) 19, 1945.

Eckert, Cal. C. 365.22-25, 1946.

1 Eckert, Gleanings Bee Cult. 75.648-650, 1947.

Eide, Wash. St. Hort. Assoc. P. 42. 195-196, 1946.

Eide, J. Ec. Ent. 40.49-54, 1947.

Hansberry & Norton, N. Y. (C.) R. 57. 123, 1945.

Henderson, Hort. 24 72-73, 1946.

Holcombe, Amer. Bee J. 85 157,165, 1945.

Kelly, Mich. St. Hort. Soc. R. 75 45-47, 1946.

1 Knowlton, Amer. Bee J. 87.434, 1947.

Knowlton, Utah Acad. Sci. Arts & Let. P. 23 9-10, 1947. (Abs.)

List, Colo. Farm. B. 8(3).3, 1946.

List et al., Rocky Mountain Conf. Ent. R. 18.9-10, 1947.

Michelbacher et al., Cal. C. 365 12,14, 16-17, 1946.

Munro, Beekeepers' Item 29 189-190, 1945.

Myers, Gleanings Bee Cult. 75.15-17, 1947.

Tardiff Quebec Min. Agr. R. f. 1944/45: 40, f. 1945/46:72, 1947.

Webster & Eide, Wash. B. 470.38-39, 1945.

Wis. Agr. Expt. Sta., Some Insectic.

in Wis. in 1947:11-12, 1947. (Sp. C.)

APIS MELLIFERA - POISONING - INSECTICIDES - ARSENICALS

Annand, USDA EPQ R. f. 1944/45:28.

Knowlton & Yao, Utah Mimeo. Ser. 340, 3 p., 1947.

bi McGregor et al., Ariz. TB 114.219-246, 1947.

Newell, Amer. Bee J. 87:276, 1947.

1 Nye, Utah Farm & Home Sci. 8(4): 15-17, 1947.

Root, Gleanings Bee Cult. 74:16-17, 1946.

Slate, Conn. R. f. 1944/45:21.

- APIS MELLIFERA - POISONING - IN-
SECTICIDES - BENZENE HEXA-
CHLORIDE
Annand, USDA EPQ R. f. 1945/46:27,
1947.
- APIS MELLIFERA - POISONING - IN-
SECTICIDES - CHLORDANE
Hinman & Cowan, USDA EPQ E-722.
9,20, 1947.
- APIS MELLIFERA - POISONING - IN-
SECTICIDES - CRYOLITE
Barnett, Amer. Bee J. 87:429, 1947.
- APIS MELLIFERA - POISONING - IN-
SECTICIDES - DDT
Anderson, Pa. B. 475, Sup. 1.4, 1946.
Anderson, USDA R. Sec. f. 1946:170.
Annand, USDA EPQ R. f. 1944/45:28,
f. 1945/46:5,27, f. 1946/47:30-31.
Artschwager, Science 102:482, 1945.
b Bennighof, Bios 18:189-195, 1947.
Burtner, South. Seedsm. 8(2):14,44,
1945.
Dunham, Ohio St. Hort. Soc. P. 79.143-
150, 1946.
Dunham, Gleanings Bee Cult. 74:332-
335, 1946.
b Eckert, J. Ec. Ent. 38:369-374 1945.
Gardiner, Can. Min. Agr. R. f. 1945/46:
68, f. 1946/47:112-113.
Hambleton, Gleanings Bee Cult. 73.
348-349, 1945.
Hutson et al., Mich. St. Hort. Soc. R.
75:26-28, 1946.
Hyle, Hardware & Farm Equip. 50(9).
8,11, 1945.
Kearns, Ill. St. Beekeepers' Assoc. R.
45/46:62-66, 1947?
Knowlton, Gleanings Bee Cult. 74:396,
510, 1946.
Knowlton, Beekeepers' Mag. 10(8):23,
1947.
Knowlton, Can. Bee J. 55(4):18-19,
1947.
Knowlton, Utah Mimeo. Ser. 322, 1 p.,
1946, 333, 1 p., 336, 1 p., 1947.
Lieberman, Utah Agr. Expt. Sta. Farm
& Home Sci. 6(3):4, 1945.
b Linsley & MacSwain, J. Ec. Ent. 40.
358-363, 1947.
List, Wis. Hort. 36:91, 1945.
List, East. Fruit Grow. 8(11):26, 1946.
b McGregor & Vorhies, Ariz. B. 207,
19 p., 1947.
McLeod, West. Can. Beekeeper 9(5).
12, 1946.
Mitchell, N. C. Res. & Farm. 4 (Prog.
R. 3):1-2,11, 1946.
Orr, Beekeepers' Item 29:373-374, 1945.
Packard, USDA EPQ E-640:2-3, 1945.
Parker, USDA EPQ E-653:4,7, 1945.
Pease, Gleanings Bee Cult. 74:542,
583, 1946.
Root, Gleanings Bee Cult. 73:16-17,
1945; 74:16-17, 1946.
Scholes, West. Can. Beekeeper 8(7):
12, 1945.
Scullen, Flor. Exch. 106(7):53, 1946.
Shaw, Can. Ent. 78.110, 1946.
Smith & Michelbacher, J. Ec. Ent. 39:
646, 1946.
Stricker, West. Can. Beekeeper 8(9):
3,15, 1945.
- APIS MELLIFERA - POISONING - IN-
SECTICIDES - DDT--Continued.
Trullinger et al., USDA OES R. f.
1945/46:113-114, 1947.
bi Wilson, Bios 17:157-170, 1946.
- APIS MELLIFERA - POISONING - IN-
SECTICIDES - DINITRO COM-
POUNDS
b Goble & Patton, J. Ec. Ent. 39 177-
180, 1946.
- APIS MELLIFERA - POISONING - IN-
SECTICIDES - DINITROPHENOL
COMPOUNDS
Patton & Dyce, N. Y. (C.) R. 59.124,
1947.
- APIS MELLIFERA - POISONING - SPI-
DER VENOM
Miller, J. Ent. & Zool. 39:52-53,66,
1947.
- APIS MELLIFERA - POISONING - 2,4-D
Annand, USDA EPQ R. f. 1946/47:31
- APIS MELLIFERA - PREDATORS, see
APIS MELLIFERA - PESTS
- APIS MELLIFERA - QUEENS
Bessonnet, South. Beekeeper 1(2).14, 17,
1947.
Oertel, La. R. f. 1944/45:128, 1946.
i Sutherland, Life of Queen Bee, 126 p.,
1946.
- APIS MELLIFERA - QUEENS - ARTIFI-
CIAL INSEMINATION
Annand, USDA EPQ R. f. 1943/44:20,
f. 1944/45:27, f. 1945/46 27-28, f.
1946/47:29-30.
Farrar & Roberts, Wis. B. 469.70,
1946.
i Hosume, Wis. Country Mag. 40(6):14-
15, 1947.
Mackensen, La. R. f. 1944/45:129, 1946.
Mackensen, South. Beekeeper 1(2) 13,
16, 1947.
Roberts, Agr. Leaders Digest 26(8).
37, 1945.
Roberts, J. Ec. Ent. 40:445-446, 1947.
i USDA Agr. Res. Adm., Gleanings
Bee Cult. 75:600-601, 1947.
i Univ. Wis., Madison, Amer. Bee J.
87:425, 1947.
- APIS MELLIFERA - QUEENS - BALLING
Dresden, Beekeepers' Item 29:312-
313, 1945.
- APIS MELLIFERA - QUEENS - DRONE
LAYING
Kyburz, Amer. Bee J. 87:431, 1947.
Starkey, Beekeepers' Item 29:296-297,
1945.
- APIS MELLIFERA - QUEENS - EFFECT
OF CARBON DIOXIDE
i Hall, Farm J. 71(12):24-25, 1947.
b Mackensen, J. Ec. Ent. 40:344-349,
1947.
i USDA Agr. Res. Adm., Gleanings
Bee Cult. 75:600-601, 1947.
- APIS MELLIFERA - QUEENS - INTRO-
DUCING
Carter, Gleanings Bee Cult. 75:140-
141,181, 1947.
Diemer, Amer. Bee J. 87:171, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:
95.
Latham, Gleanings Bee Cult. 75:326-
327, 1947.

APIS MELLIFERA - QUEENS - INTRO-DUCING--Continued.

- Rock, Amer. Bee J. 87:478, 1947.
Williams, Amer. Bee J. 85:236, 1945.
Wormley, Amer. Bee J. 86:364, 1946.
- APIS MELLIFERA - QUEENS - MULTIPLE MATING**
Shoemaker, Amer. Bee J. 87:19, 1947.
- APIS MELLIFERA - QUEENS - REARING**
Bergmann, West. Can. Beekeeper 8 (3):6, (6):7, 1945.
Bessonnet, Iowa St. Apiarist R. 26 79-80, 1945.
i Bessonnet, Gleanings Bee Cult. 74:425-427, 1949, 1946.
i King, Gleanings Bee Cult. 75:262-263, 1947.
Moffit, Can. Bee J. 53:156, 1945.
i Mraz, Gleanings Bee Cult. 75 195-198, 1947.
Newell, Gleanings Bee Cult. 74:392-393, 1946.
Newell, Amer. Bee J. 87 392-383, 1947.
Nolan, South. Beekeeper 1(4):9,15, (5) 16, 1947.
i Phillips, Gleanings Bee Cult. 75 454-455, 1947.
Rankin, Sci. Digest 21(1) 10-13, 1947.
Roberts, Wis. Hort. 35 228-229, 1945.
i Sechrist, South. Beekeeper 1(5):6-7, 1947.
i Smith, South. Beekeeper 1(3):6-10, 1947.
i Wicht, South. Beekeeper 1(8):9-12, (9) 11-14, (10):5-8, (11) 9-11, 1947.
- APIS MELLIFERA - REPELLENTS**
Hildreth, Amer. Bee J. 85:198, 1945.
McGregor et al., Ariz. TB 114:228, 1947.
Pearcey, Amer. Bee J. 86 471, 1946.
Robertson, B. C. Dept. Agr. R. 40 V48-V49, 1946.
Shaw & Bourne, Gleanings Bee Cult. 74:77-79, 115, 1946.
Slate, Conn. R. f. 1945/46:12.
b Turnbull, B. C. Ent. Soc. P. 42:7-8, 1945.
Webster & Eide, Wash. B. 470:39, 1945.
- APIS MELLIFERA - QUEENS - RE-QUEENING**
i Böhne, South. Beekeeper 1(6):8-9,20, 1947.
Campbell, Gleanings Bee Cult. 73:377, 401, 1945.
Miller, Amer. Bee J. 86:229, 1946.
Newell, Amer. Bee J. 85:156,165, 1945.
Shipton, Iowa St. Apiarist R. 26:83, 1945.
Sturdevant, Gleanings Bee Cult. 73:11, 1945.
Stuyvesant, Amer. Bee J. 85:237, 1945.
- APIS MELLIFERA - QUEENS - RESISTANT**
Annand, USDA EPQR. f. 1946/47:29-30
Park & Paddock, Iowa R. f. 1944/45 pt. 1:253-255; f. 1945/46 pt. 1:231-232; f. 1946/47 pt. 1:209-210.

APIS MELLIFERA - QUEENS - SEX CONTROL

- b Flanders, J. Ec. Ent. 39:379, 1946.
- APIS MELLIFERA - QUEENS - SHIPPING**
i Begg, Can. Bee J. 55(8) 7,20, 1947.
Lundie, Gleanings Bee Cult. 73 13, 1945.
Rosseau, Gleanings Bee Cult. 75:651, 1947.
- APIS MELLIFERA - QUEENS - SUPER-SEDURE**
Latham, Gleanings Bee Cult. 74 274, 1946.
Starnes, West. Can. Beekeeper 10(2) 14-15, 1947.
Wright, West. Can. Beekeeper 10(9) 11, 1947.
- APIS MELLIFERA - QUEENS - SUPER-SEDURE, MECHANICAL**
Glendenning, West. Can. Beekeeper 9 (7) 6-8, (8) 6-8, 1946.
- APIS MELLIFERA - QUEENS - TESTING**
Parker, Kans. Bien. R. 13:58, 1946.
- APIS MELLIFERA - QUEENS - TWO-QUEEN SYSTEM**
i Dunham, Ohio Ext. B. 281, 16 p., 1947.
i Farrar, USDA EPQ E-693, 11 p., 1946.
Farrar, West. Can. Beekeeper 10(1). 6-7, (2) 17, 1947.
Gooderham, Abeille et l'Erable 16 11-12, 1947.
Shoustoff, West. Can. Beekeeper 8(3) 8, 1945.
Stewart, Amer. Bee J. 86 107, 1946
Stricker, West. Can. Beekeeper 8(9) 7, 1945.
- APIS MELLIFERA - RACES**
Bessonnet, Amer. Bee J. 85 12, 1945.
Feedham, West. Can. Beekeeper 8(11). 3, 1945.
Felt, Gleanings Bee Cult. 73:189,239, 1945.
Rock, West. Can. Beekeeper 10(12):8-9, 1947.
- APIS MELLIFERA - RACES - BLACK BEES**
Heacock, Gleanings Bee Cult. 75:396-397,437, 1947.
- APIS MELLIFERA - RACES - CARNIO-LAN**
Brien, Amer. Bee J. 87:430, 1947.
Thomson, Gleanings Bee Cult. 74:480-481, 1946.
- APIS MELLIFERA - RACES - CAUCASIAN**
Bechard, Abeille et l'Erable 16:9-10, 1947.
i Hastings, West. Can. Beekeeper 10 (5):16-17, 1947.
Stricker, West. Can. Beekeeper 10(1): 11-12, 1947.
Wright, West. Can. Beekeeper 9(10): 14,16, 1946.
- APIS MELLIFERA - RACES - ITALIAN**
Brien, Amer. Bee J. 87:430, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:123.

APIS MELLIFERA - ROYAL JELLY
 Abbott & French, Fla. R. f. 1944/45: 69.
 Gardner, Sci. News Let. 52:238, 1947.
 Jardine et al., USDA OES R. f. 1944/45: 56, 1946.

APIS MELLIFERA - SCALE COLONIES
 Betts, Gleanings Bee Cult. 74:866, 1946.
 i Dunavan & Purser, S. C. R. 59:71-73, 1947.
 Jamieson, Can. Bee J. 53:137-139, 1945.
 Mitchener, J. Ec. Ent. 40:854-860, 1947.
 Park, Iowa R. f. 1944/45 pt. 1:245-246; f. 1945/46 pt. 1:224-225; f. 1946/47 pt. 1:198-199.

APIS MELLIFERA - STINGS
 i Dodge, Poisonous Dwellers of the Desert:25-27, 1947.
 Halliday, West. Can. Beekeeper 9:14, 1946.
 b Obermayer, Arch. Dermat. & Syph. 51:396-397, 1945.

APIS MELLIFERA - STINGS, see also
APIS MELLIFERA - VENOM

APIS MELLIFERA - STUDY & TEACHING
 Creighton, Fla. Grow. 56 [i.e. 55](1): 14, 27, 1947.
 i Eddy, N. Y. Zool. Soc. B. 48:141-145, 1945.
 i Fahrney, Amer. Bee J. 86:190-191, 1946.

APIS MELLIFERA - VENOM
 b Essex, Physiol. Rev. 25:149-150, 1945.

APIS MELLIFERA - VENOM - THERAPEUTIC USE
 Carey, Beekeepers' Item 29:269, 1945.
 Guyton, J. Ec. Ent. 40:469-472, 1947.
 Stephen, Amer. Bee J. 85:438, 1945.
 Stephen, West. Can. Beekeeper 9:12, 1946.

APIS MELLIFERA - WILD
 i Popowski, Field & Stream 50(5):29, 75-78, 1945.

APIS MELLIFERA - WORKERS, LAYING
 Latham, Gleanings Bee Cult. 75:84, 1947.
 Miller, Gleanings Bee Cult. 74:546, 1946.

APIS MELLIFERA - WORKERS, MATING
 Gregg, Amer. Bee J. 85:353, 363, 1945.

APIS MELLIFERA & ALLERGY
 b Jamieson, Ann. Allergy 4(2, i.e. 3): 213-215, 1946.

APIS MELLIFERA & ALLERGY, see also
APIS MELLIFERA - STINGS

APIS MELLIFERA & POLLINATION
 Annand, USDA EPQ R. f. 1945/46:28-29, 1946/47:29.
 Ashby, West. Can. Beekeeper 9(6):15, 17, 1946.
 Bishopp, Pest Control & Sanit. 1(5): 16, 1946.

APIS MELLIFERA & POLLINATION--
 Continued.

Black, Oreg. Dept. Agr. Agr. B. 145. 14-15, 1945.
 Braun, West. Can. Beekeeper 9(11):6-7, 19, 1946.
 Bullock, Wash. St. Hort. Assoc. P. 43: 163, 1947.
 i Bushby, U. S. Dept. Int. Bur. Reclam. Reclam. Era 33:197, 200, 205, 1947.
 i Cale, Amer. Bee J. 86:366-367, 1946.
 i Dunham, Ohio Farm. 195(7):5, 1945.
 Edgcombe, Iowa St. Apiarist R. 27:64-66, 1946.
 i Ferry, Amer. Fruit Grow. 66(5):9, 31, 1946.
 Gillian, Pa. Beekeeper 21(3):2-3, 1946.
 Hambleton, Md. Agr. Soc. R. 30:36-37, 1946.
 i Hambleton, Smithsn. Inst. R. f. 1945. 293-304, 1946.
 i Hambleton, U. S. Dept. Int. Bur. Reclam. Reclam. Era 33:181-182, 1947.
 Haydak, Amer. Bee J. 87:218-219, 235, 1947.
 Holcombe, Amer. Bee J. 85:157, 165, 1945.
 i Kely, Amer. Fruit Grow. 66(5):16, 33, 35, 1946.
 Kely, Mich. St. Hort. Soc. R. 75:43-48, 1946; 76:46-47, 1947.
 Killion, Ill. Dept. Agr. R. 28:63, 1945.
 McMullen, West. Can. Beekeeper 8(5) 7, 1945.
 Pellett, Minn. Hort. 73:6-7, 1945.
 Richey, Iowa St. Apiarist R. 27:57-60, 1946.
 Root, Gleanings Bee Cult. 75:218, 241, 1947.
 i Sechrist, Amer. Bee J. 86:100-101, 1946.
 Snyder, Better Fruit 40(9):11-14, 1946.
 Snyder & Bullock, Oreg. St. Hort. Soc. R. 38:44-45, 1946.
 i Talbert, Gen. Hort.:71, 73, 305, 327, 1946.
 Vansell, Beekeepers' Mag. 10(10):8-11, 1947.
 bi Vansell, USDA C. 650 rev., 31 p., 1947.
 b Vincent, Abeille et l'Erable 14:57-58, 1945.
 Wellington, N. Y. (C.) Ext. B. 720:2-3, 8, 1947.
 bi Wolfenbarger, Amer. Midl. Nat. 35: 38-41, 93-96, 1946.
 b USDA EPQ Div. Bee Culture, USDA EPQ E-584 rev., 42 p., 1946.
 Wash. Ext. C. 111, 4 p., 1947.

APIS MELLIFERA & POLLINATION - ALFALFA
 Annand, USDA EPQ R. f. 1943/44:11, 19, 1945; f. 1944/45:27, 1946.
 Carlson, Amer. Soc. Agron. J. 38:504, 508, 512, 1946.
 i Carlson, Utah Agr. Expt. Sta. Farm & Home Sci. 6(4):3, 15, 1945.
 Drake, Iowa Dept. Agr. YB 47:142-143, 145, 150-151, 1947.
 Grandfield & Throckmorton, Kans. B. 328:60, 1945.

**APIS MELLIFERA & POLLINATION -
ALFALFA--Continued.**

- i Hare & Vansell, Amer. Soc. Agron. J. 38:462-469, 1946.
Hixson, Neb. Ext. C. 1551:2, 1947.
Knowlton, Beekeepers' Mag. 10(4):27, 1947.
Knowlton, Gleanings Bee Cult. 75:391, 438, 1947.
Knowlton & Sorenson, Amer. Bee J. 87:121, 1947.
Linsley, J. Ec. Ent. 39:18,22-24,27-28, 1946.
b Linsley & MacSwain, J. Ec. Ent. 40: 349-357, 358-363, 1947.
Parker, Kans. Bien. R. 13:43, 1946.
b Peck & Bolton, Sci. Agr. 26:388-418, 393-394, 1946.
Perkins, Amer. Bee J. 86:322, 1946.
bi Vansell & Todd, Amer. Soc. Agron. J. 38:470-488, 1946.
i Vansell & Todd, Gleanings Bee Cult. 75:136-139,183, 1947.

**APIS MELLIFERA & POLLINATION -
ALMOND**

Wood, Cal. Ext. C. 103 rev. 29, 1947.

**APIS MELLIFERA & POLLINATION -
CLOVER**

- Beard & Dunham, Ohio Ext. B. 253, 4 p., 1946.
Lininger et al., Pa. B. 475 10-11, 1945, 480 11, 1946.
Martin, West. Can. Beekeeper 9(2) 6, 16, 1946.

**APIS MELLIFERA & POLLINATION -
CLOVER, ALSIKE**

- Gardner, Mich. R. 58 in Mich. St. Bd. Agr. R. 84:222, 1946.
Nilan, Assoc. Off. Seed Anal. News Let. 21(1 [i.e. 2]:27, 1947.

**APIS MELLIFERA & POLLINATION -
CLOVER, CRIMSON**

- Pratt, Amer. Fruit Grow. 65(1):43, 1945.

**APIS MELLIFERA & POLLINATION -
CLOVER, LADINO**

- Jameson, Can. Bee J. 53:136, 1945.

**APIS MELLIFERA & POLLINATION -
CLOVER, RED**

- Dieterich, Iowa St. Apiarist R. 26:84-86, 1945.
Johnson, Gleanings Bee Cult. 74:468-469, 521, 1946.
Johnson, Iowa St. Apiarist R. 27:70-72, 1946.
Johnson et al., Iowa R. f. 1945/46 pt. 1:102-103, f. 1946/47 pt. 1:85-87.
Martin, Iowa St. Hort. Soc. Trans. 80. 212-217, 1945.
Martin, Iowa St. Apiarist R. 27:78-80, 1946.

**APIS MELLIFERA & POLLINATION -
COOPERATIVE ASSOCIATIONS**

- Oster, West. Can. Beekeeper 9(3):15, 1946.

**APIS MELLIFERA & POLLINATION -
CRANBERRIES**

- i Farrar & Bain, Amer. Bee J. 86: 503-504, 1946.
i Farrar & Bain, Cranberries 11(9):6-7,22-23, 1947.
i Newell, Amer. Bee J. 87:428-429, 1947

**APIS MELLIFERA & POLLINATION -
CRANBERRIES--Continued.**

- i Stricker, Amer. Bee J. 86:273-274, 1946.
Stricker, Amer. Cranb. Grow. Assoc. P. 76:16-19, 1946.
Stricker, Cranberries 11(3):25-27, 1946.

**APIS MELLIFERA & POLLINATION -
CUCUMBERS**

- Edgecomb, Amer. Bee J. 86:147, 1946.
Edgecombe, Iowa St. Apiarist R. 27. 85-86, 1946.

**APIS MELLIFERA & POLLINATION -
FRUIT**

- Amos, Tenn. St. Hort. Soc. P. 41.51, 54-56, 1947.
Buchanan, Wash. B. 482:45, 1946.
Clark, East. Fruit Grow. 9(1) 6,26,30, 1946.
i Clark, Gleanings Bee Cult. 74:129-131, 1946.
Clark, Iowa St. Apiarist R. 27:61-63, 1946.
Clark & Hoveland, Wis. B. 472.21, 1947.
Couch, Can. Bee J. 55(6):9,26, 1947.
Dunham, Ohio Bimo. B. 30:45-48, 1946.
Howlett, Ill. St. Hort. Soc. Trans. 78 331-333, 1945.
Howlett, Ohio St. Hort. Soc. P. 78.105-106, 1945.
i Jett, Better Fruit 40(11) 7-8, 1946.
Kelley, Ill. St. Hort. Soc. Trans. 79. 249, 1946.
Kennedy, West. Can. Beekeeper 8(9):8, 1945.
Magness, Amer. Fruit Grow. 66(5):29-30, 1946.
Milum, Ill. St. Hort. Soc. Trans. 80. 89-92, 1947.
Overley et al., Wash. St. Hort. Assoc. P. 42 203,205-211,213-214, 1946.
Paddock, Kans. St. Hort. Soc. Bien. R. 48:41-43, 1946.
i Pellett, Amer. Bee J. 87:16, 1947.
Philp, Cal. Ext. C. 46 rev. 25, 1947.
Rea, Tenn. St. Hort. Soc. P. 39.59-62, 1946.
Rea, East. Fruit Grow. 9(11):7,10,27, 30, 1947.
Roberts, Amer. Fruit Grow. 65(4):16, Wis. Hort. 35:222, 1945.
Roberts, Beekeepers' Item 29:192-193, 1945.
Snyder, Wash. Ext. B. 342:4-5, 1946.
Talbert, Mo. B. 509:27, 1947.
Vansell, Oreg. St. Hort. Soc. R. 37:51-53, 1945.
Webster, Better Fruit 41(8):10-11, 1947.
Webster, Wash. St. Hort. Assoc. P. 42 199-202, 1946.
**APIS MELLIFERA & POLLINATION -
FRUIT - AVOCADOS**
Wolfe et al., Fla. Ext. B. 129:36-37, 40, 1946.
**APIS MELLIFERA & POLLINATION -
KOK-SAGHYZ**
Whaley & Bowen, USDA Misc. Pub. 618:104, 1947.

- APIS MELLIFERA & POLLINATION - LEGUMES**
 Harrison et al., Mich. Quart. B. 28: 85-89, 1945.
 Hudson, Seed World 57(7):8-10,11; 58 (1):116-119, 1945.
 McClaugherty, Amer. Bee J. 86:238-239, 1946.
 Park, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:70-72, 1947.
 Riddell, Can. Bee J. 55(6):8,13,17, 1947.
 Trebra, Amer. Bee J. 86:97-98, 1946.
- APIS MELLIFERA & POLLINATION - LEGUMES - RESEARCH**
 Hambleton, Gleanings Bee Cult. 75: 271, 1947.
- APIS MELLIFERA & POLLINATION - ONIONS**
 Shirck et al., Ida. B. 264:35, 1945.
- APIS MELLIFERA & POLLINATION - ORCHARDS, see APIS MELLIFERA & POLLINATION - FRUIT**
- APIS MELLIFERA & POLLINATION - RADISHES**
 i Kremer, Mich. Quart. B. 27:413-420, 1945.
- APIS MELLIFERA & POLLINATION - RENTAL COLONIES**
 i Newell, Gleanings Bee Cult. 73:46-48, 1945.
 i Newell, Amer. Bee J. 87:174-175, 183, 226-227, 1947.
 Strickler, Pa. Beekeeper 22(3):7-11, 1947.
- APIS MELLIFERA & POLLINATION - WATERMELONS**
 Goff, Fla. Grow. 56 [i.e. 55](1):13,27, 1947.
- APIS MELLIFERA & TEMPERATURE**
 Jamieson, Gleanings Bee Cult. 74:487, 1946.
 i Sechrist, Gleanings Bee Cult. 74: 472-473,524; 536-537,581, 1946.
 Sechrist, South. Beekeeper 1(10):8-9, 1947.
 Walker, Gleanings Bee Cult. 73:452-453, 1945.
- APIS MELLIFERA & WEATHER**
 Davis, Gleanings Bee Cult. 73:10, 1945.
 Orr, Beekeepers' Item 29:57-58, 1945.
 i Weillacher, Gleanings Bee Cult. 75: 528-529,564, 1947.
- APLASTOMORPHA CALANDRAE (How.)**
 Bare et al., USDA EPQ E-247:4, 1947.
 Cotton, Pest Control & Sanit. 2(12):22, 1947.
 i Whitting, J. Hered. 38:15, 1947.
- APLOMYA CAESAR (Ald.)**
 Arbuthnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:30-31, 1947.
 Deay, Ind. R. 60:68, 1947.
 Drake, Iowa Dept. Agr. YB 46:176, 1946; 47:129, 1947.
 Picard, Quebec Min. Lands & For. R. f. 1944/45:113, 1946.
 Wilkes & Anderson, Ent. Soc. Ont. R. 77:41,43, 1947.
 bi Wishart, Can. Ent. 77:157-167, 1945.
- APLOMYA CONFUSIONIS Sell.**
 i Bohart, Hilgardia 17:291,292, 1947.
- APLOMYA MITIS (Meig.)**
 Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):3.
 Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1946, No. 3):3.
- APOANAGYRUS Comp.**
 nik Compere, Cal. Univ. Pub. Ent. 8: 18-20, 1947.
- APOANAGYRUS sp. - EGGS & LARVAE**
 i Maple, Cal. Univ. Pub. Ent. 8:63, 1947.
- APOANAGYRUS CALIFORNICUS Comp.**
 ni Compere, Cal. Univ. Pub. Ent. 8: 18-20, 1947.
- APOANAGYRUS CALIFORNICUS - EGGS & LARVAE**
 i Maple, Cal. Univ. Pub. Ent. 8:63-66, 1947.
- APODROSUS ARGENTATUS Wolc.**
 Martorell, P. R. Univ. J. Agr. 29:464, 1945.
- APODROSUS WOLCOTTI Mshll.**
 Martorell, P. R. Univ. J. Agr. 29:464-465, 1945.
- APOIDEA - MISSISSIPPI**
 bn Michener, Amer. Mid. Nat. 38:443-455, 1947.
- APOLYSIS Loew - AMERICA**
 nik Melander, Ent. Soc. Amer. Ann. 39:452,458-463, 1946.
- APOTETTIX EURYCEPHALUS Hancock, see PARATETTIX RUGOSUS (Scudd.)**
- APPARATUS, see AEROSOLS - APPARATUS, AIRCRAFT DUSTING - APPARATUS, AIRCRAFT SPRAYING - APPARATUS; DISINFESTATION - AIRCRAFT - APPARATUS, DUSTING APPARATUS; ENTOMOLOGICAL TECHNIQUE; FIELD APPARATUS; FUMIGATING APPARATUS; INSECTS - CAGES; LABORATORY APPARATUS; MOSQUITO CONTROL - EQUIPMENT; SPRAYING APPARATUS; TRAPS FOR INSECTS**
- APPIAS DRUSILLA NEUMOGENII (Skin.) - EARLY STAGES**
 i Chermock & Chermock, Can. Ent. 79:142-143, 1947.
- * APPLE & THORN SKELETONIZER, see ANTHOPHILA PARIANA (Clerck)**
- * APPLE APHID, see APHIS POMI Deg.**
- * APPLE CURCULIO, see TACHYPTERELLUS QUADRIGIBBUS (Say)**
- APPLE FRUIT FLY, see RHAGOLETIS POMONELLA (Walsh)**
- * APPLE GRAIN APHID, see RHOPALOSIPHUM PRUNIFOLIAE (Fitch)**
- APPLE INSECTS**
 i Banta, Amer. Fruit Grow. 65(2):8-9, 14, 1945.
 Chandler, Ill. St. Hort. Soc. Trans. 78: 292-295, 1945; 79:124-128, 1946.
 Dewey, N. Y. St. Hort. Soc. P. 90:38-42, 1945; 91:83-86, 1946.
 i Graham et al., Md. Ext. B. 105:3-9, 1945.
 Lathrop, Maine B. 438:649-650, 1945.
 Lathrop & Plummer, Maine B. 442: 274-280, 1946.

APPLE INSECTS - Continued.

- 1 Mills & Dewey, N. Y. (C.) Ext. B. 711:5-18, 24-38, 40-46, 1947.
- Ruth et al., Ill. St. Hort. Soc. Trans. 78:54-55, 1945.
- Steinweden, Cal. Dept. Agr. B. 34:182, 1945.
- APPLE INSECTS - CONTROL
 - 1 Filinger, Kans. C. 235:12-22, 1946.
 - Howard & Brooks, Cal. Ext. C. 117 rev.:34-35, 1947.
 - 1 Lathrop, Maine Ext. B. 274 rev., 19 p., 1945.
 - Powell, Ill. St. Hort. Soc. Trans. 79:190-192, 1946.
 - Powell et al., Ill. Ext. C. 568 rev.:3-18, 1945, rev.:3-18, 1946.
- APPLE INSECTS - INSECTICIDES
 - Bayer, N. C. R. 69 78, 1946.
 - Bourne & Whitcomb, Mass. B. 436:36-38, 1946.
 - Buchanan, Wash. B. 482:40-43, 1946.
 - Garman, Conn. B. 501 75-79, 1946.
 - Lathrop, Maine B. 449 411-414, 1947.
 - Lathrop et al., Maine Ext. B. 353 5-13, 15, 1947.
- APPLE INSECTS - INSECTICIDES - DDT
 - Conklin, N. H. Hort. Soc. J. 9:50-51, 1946.
- APPLE INSECTS - ORNAMENTAL CRAB APPLES
 - Lininger et al., Pa. B. 480:40, 1946.
- APPLE INSECTS - PENNSYLVANIA
 - Frost, J. Ec. Ent. 39 418, 1946.
- APPLE INSECTS - SPRAYS
 - Bourne, Mass. B. 428:35-36, 1945.
 - Bourne & Whitcomb, Mass. B. 441:33, 1947.
 - Bourne et al., Mass. B. 441:34-35, 1947.
 - Garman, Conn. Pom. Soc. P. 55:20-21, 24-25, 1946.
 - Graham & Cory, Md. St. Hort. Soc. P. 49:26; 27-33, 1947.
 - 1 Graham et al., Md. Ext. B. 112:3-29, 1946.
 - Hough, Mountaineer Grow. 17(163):7-8, 1947.
 - Martin, N. J. R. 66:51, 1946.
 - Parks, Amer. Fruit Grow. 65(12)13, 23-25, 1945.
 - Peterson, Peninsula Hort. Soc. Trans. 60:82-84, 1947.
 - Rollins, Conn. Ext. B. 369:1-8, 1945.
 - Sherwood, Mountaineer Grow. 16(160). 5, 7, 8, 1946.
 - Steiner, Va. Fruit 34:135-153, 1946.
 - Ohio B. 655:2-10, 52-55, 1945; 670:2-11, 54-55, 1947.
 - Oreg. C. Inform. 411:1-2, 4, 1947.
- APPLE INSECTS - SPRAYS - DDT
 - Chandler, Ill. Fruit Exch. News 10(9):4, 1946.
 - Clark, Iowa St. Hort. Soc. Trans. 80:74-81, 1945.
 - 1 Cutright, Amer. Fruit Grow. 66(2):14, 24, 1946.
 - Hough, Va. Fruit 34:128-134, 1946.
 - Isley et al., USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946:24, 1946.

APPLE INSECTS - SPRAYS - DDT--Continued.

- Richardson, Iowa St. Hort. Soc. Trans. 82:137-141, 1947.
- Stanley, Tenn. St. Hort. Soc. P. 40:93, 1946.
- APPLE INSECTS - SPRAYS - DDT MIXTURES
 - Hough, Mountaineer Grow. 16(160):9, 11-13, 15, 1946.
 - Robinson, Oreg. C. Inform. 412:2-3, 1947.
- APPLE INSECTS - SPRAYS - EFFECT ON FAUNA
 - b Lord, Can. Ent. 79:196-209, 1947.
 - b Pickett et al., Sci. Agr. 26:590-600, 1946.
- APPLE LEAF-CURLING MIDGE, see DASYNEURA MALI (Kieff.)
- *APPLE LEAF SKELETONIZER, see PSOROSINA HAMMONDI (Riley)
- *APPLE LEAFHOPPER, see EMPOASCA MALIGNA (Walsh)
- *APPLE MAGGOT, see RHAGOLETIS POMONELLA (Walsh)
- APPLE MEALYBUG, see PHENACOCOCCUS ACERIS (Sign.)
- APPLE MITE, see TETRANYCHUS SCHOENETI McG.
- *APPLE REDBUG, see LYGIDEA MEN-DAX Reut.
- *APPLE RUST MITE, see VASATES SCHLECHTENDALI (Nal.)
- *APPLE SEED CHALCID, see TORYMUS DRUPARUM Boh.
- *APPLE SUCKER, see PSYLLA MALI (Schmdb.)
- *APPLE TWIG BEETLE, see HYPO-THENEMUS HISPIDULUS (Lec.)
- *APPLE TWIG BORER, see AMPHICERUS BICAUDATUS (Say)
- APRICOT INSECTS
 - Powell et al., Ill. Ext. C. 568 rev.:19-22, 1946.
- APSENA RUFIPES (Esch.) (FIG EN-GRAVER BEETLE)
 - Donohoe, Pests 14(10):16, 1946.
- APTERODORCUS Arrow
 - 1 Benesh, Ent. News 56:229-234, 1945.
- APTERONA CRENULELLA Bruand - LARVAE
 - Jones, Cal. Dept. Agr. B. 33:250, 1945.
- APTESIS INDISTINCTA (Prov.)
 - Finlayson, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Para-sites:47-48, 52, 1947.
- AQUATIC INSECTS
 - Arnett, Coleopterists' Bul. 1:88, 1947.
 - 1 Innes, Goldfish Varieties & Water Gard. 265, 1947.
 - 1 Milne, Atlantic Month. 177(4):146, 1946.
 - 1 Milne & Milne, A Multitude of Living Things:132-150, 1947.
 - 1 Milne & Milne, Nat. Hist. 56:249-254, 283, 1947.
 - 1 Palmer, in Boulenger et al., Wild Life the World Over:506-520, 1947.
 - 1 Wetzel, Pract. Fly Fishing ed. 2:129-229, 1945.

- AQUATIC INSECTS - BOTTOM FAUNA
b Pennak & Van Gerpen, Ecology 28:
42-47, 1947.
- AQUATIC INSECTS - COLORADO
bk Pennak, Colo. Univ. Studies ser.
D 2:353-383, 1947.
- AQUATIC INSECTS - ONTARIO (ALGON-
QUIN PARK)
bi Sprules, Toronto Univ. Studies
Biol. Ser. 56, 81 p., 1947.
- AQUATIC INSECTS - QUEBEC
Chagnon & Fournier, Assoc. Can.-
Franç. Avanc. Sci. Ann. 11:99, 1945.
(Abs.)
- AQUATIC INSECTS - INSECTICIDES -
DDT
Craighead & Brown, USDA EPQ E-
649:3, 1945.
bi Hess & Keener, J. Wildlife Mangt.
11:1-10, 1947.
i Hoffman et al., USDA EPQ E-702,
20 p., 1946.
- AQUATIC INSECTS AS FOOD OF FISH,
see FISH - INSECT FOOD
- ARACHNIDA
bi Moon et al., Mod. Biol.:284-288,
1947.
i Potter, Textb. of Zool. ed. 2:292-
299, 686, 738-739, 1947.
i Wolcott, Anim. Biol. ed. 3:348-357,
1946.
ik Zeff, Man. Med. Parasit.:74-81,
1947.
- ARACHNIDA - FOSSIL
bi Petrunkevitch, Amer. J. Sci. 243:
320-329, 1945.
bnik Petrunkevitch, Ill. St. Mus. Sci.
Papers 3(2):1-72, 1945.
bni Petrunkevitch, Amer. Mus. Nov.
1328, 36 p., 1946.
- ARACHNIDA - FOSSIL, see also IN-
SECTS - FOSSIL
- ARACHNIDA - PREDATORS
Moul, Ent. News 56:58, 1945.
- ARACHNIDA & ANIMAL DISEASE
i Mönnig, Vet. Helminth. & Ent. ed. 3:
358-403, 1947.
- ARACHNIDA & DISEASE
i Manson-Bahr, Manson's Trop. Dis.
ed. 12:942-943, 1945.
- ARACHNOPHAGA PICEA (How.)
bi Clancy, Cal. Univ. Pub. Ent. 7:458-
463, 1946.
- ARAE CERUS Schönh. - HAWAII
nik Jordan, Hawaiian Ent. Soc. P. 12:
517-524, 1946.
- ARAE CERUS FASCICULATUS (Deg.)
(COFFEE BEAN WEEVIL)*
Blanchi, Hawaiian Ent. Soc. P. 13:17,
1947.
Cotton, Pest Control & Sanit. 2(12):11,
1947.
Frost, N. Y. Ent. Soc. J. 53:220-221,
1945.
- ARANEAE CARBONARIA (Koch)
Fautin, Ecol. Monog. 16:287, 1946.
- ARANEAE GEMMA (McCook)
Arnason et al., Can. Ins. Pest Rev.
24:91, 1946.
- ARANEAE TRIFOLIUM (Hentz), see
EPEIRA TRIFOLIUM Hentz
- ARANEIDA, see SPIDERS
- ARBORVITAE APHID, see CINARA
TUJAFILINA (Del G.)
- *ARBORVITAE LEAF MINER, see AR-
GYRESTHIA THUIELLA (Pack.)
- *ARBORVITAE WEEVIL, see PHYLLO-
BIUS INTRUSUS Kono
- ARCHIPS Hbn.
Mathers, Can. Ins. Pest Rev. 24:122,
1946.
Smith, Cal. Ext. C. 98 rev.:48, 1946.
- ARCHIPS sp.
Leech, Can. Ins. Pest Rev. 25:77,
1947.
- ARCHIPS ARGYROSPILA (Wlkr.) (FRUIT
TREE LEAF ROLLER)*
Beckwith, N. J. Dept. Agr. C. 356:48,
1945.
Chandler, Ill. St. Hort. Soc. Trans. 79
125, 1946.
Dewey, N. Y. St. Hort. Soc. P. 92 53,
57-59, 1947.
Gauthier, Can. Ins. Pest Rev. 24:30,
1946.
Lininger et al., Pa. B. 480:40, 1946.
i Mills & Dewey, N. Y. (C.) Ext. B.
711:6-8, 10, 27-30, 46-48, 50, 1947.
Ross, Can. Ins. Pest Rev. 24:46, 1946.
Ross & Petch, Can. Ins. Pest Rev. 25:
81, 1947.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1945/46, 16, f. 1946/47.
16.
Smith et al., Kans. Ent. Soc. J. 20 52,
58, 1947.
Thompson, Can. Ins. Pest Rev. 24:40,
1946.
- ARCHIPS ARGYROSPILA - CALIFORNIA
(TULARE CO.)
i Woglum & Lewis, Cal. Citrog. 32
308-309, 1947.
- ARCHIPS ARGYROSPILA - INSECTI-
CIDES
Chapman, N. Y. (G.) R. 65:22, 1947.
Chapman, Pa. St. Hort. Assoc. P. 88:
81, 1947.
Childs et al., Oreg. Ext. B. 663:4,
1946.
Cleveland, West. Colo. Hort. Soc.
Trans. f. 1944:32, 1945.
Lathrop, Maine Ext. B. 274 rev., 12,
18, 1945.
i Lathrop et al., Maine Ext. B. 353:10,
1947.
- ARCHIPS ARGYROSPILA - INSECTI-
CIDES - DDT
Borden & Jeppson, in Cal. Agr. Expt.
Sta. Invest. with DDT in Cal. 1944:
7, 1945.
Thompson, Oreg. St. Hort. Soc. P. 39:
119, 1947.
- ARCHIPS CERASIVORANA (Fitch)
(UGLY-NEST CATERPILLAR)*
(CHERRY TREE TORTRIX)
(CHOCHECHERRY TORTRIX)
Arnason et al., Can. Ins. Pest Rev.
24:89-90, 1946.
Atwood, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:34, 1945.
Davila, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:25, 1947.
Davila, Can. Ins. Pest Rev. 25:49,
1947.

ARCHIPS CERASIVORANA --Continued.

- Gauthier, Can. Ins. Pest Rev. 24:32, 1946.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 67, 1945.
 Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945-48, 1946.
 Lejeune, Can. Ins. Pest Rev. 24:79, 1946.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 60, 1947.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944-58, 1945, f. 1945-58, 1946.
 Peterson, Can. Ins. Pest Rev. 24 107, 110, 113, 1946.
 Peterson & Arnason, Can. Int. Pest Rev. 25:84, 1947.
 Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944-48, 1945.
 Severin, S. Dak. R. 59 15-16, 1946, 60.17, 1947.
ARCHIPS CONFLICTANA (Wlkr.)
 (LARGE ASPEN TORTRIX)*
 Bradley, Can. Ins. Pest Rev. 25:77, 1947.
 Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946-45, 1947.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:81, 1947.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 58, 1947.
ARCHIPS FUMIFERANA (Clem.) *see* **CHORISTONEURA FUMIFERANA** (Clem.)
ARCHIPS GEORGIANA (Wlkr.)
 Beckwith, N. J. Dept. Agr. C. 356-48, 1945.
ARCHIPS MELALEUCANA (Wlkr.)
 Judd, Can. Field Nat. 60.136, 1946.
ARCHIPS PERSICANA (Fitch), *see* **ADOXOPHYES PERSICANA** (Fitch)
ARCHIPS ROSACEANA (Harr.)
 (OBLIQUE-BANDED LEAF ROLLER)*
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:30, 1945.
 Beckwith, N. J. Dept. Agr. C. 356:48, 1945.
 Burtner, South. Seedsm. 8(2):14, 1945.
 i Lathrop et al., Maine Est. B. 353:10, 1947.
 Patterson & Neary, Cal. Ins. Pest Rev. 24:14, 1946; 25:90, 1947.
 Thompson, Oreg. St. Hort. Soc. P. 39: 119, 1947.
ARCHIPS STRIANA (Fern.)
 Daviault, Quebec Min. Lands & For. R. f. 1944/45:117, 1946.
ARCHYTAS APICIFERA (Wlkr.) -
 SPRAYS - DDT
 Peterson, Ohio J. Sci. 46:323-326, 1946.
ARCHYTAS INCERTA (Macq.)
 Hayslip, Fla. R. f. 1944/45:198.
 Tissot, Fla. R. f. 1944/45:64.

ARCHYTAS PILIVENTRIS Wulp

- Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba.549, 1946.
ARCTOCORIXA MODESTA Abbott, *see* **SIGARA MODESTA** (Abbott)
ARGAS MINIATUS Koch, *see* **ARGAS PERSICUS** (Oken)
ARGAS PERSICUS (Oken) (FOWL TICK)*
 Bishopp & Trembley, J. Parasit. 31 11-13, 1945.
 Bushnell & Twiehaus, Kans. B. 326:91, 1945.
 Curran, Nat. Hist. 54.214, 1945.
 i Gannon, Ga. Ext. B. 524 rev.:32-33, 1947.
 Hixson & Ware, Okla. Ext. C. 417:11, 1945.
 Ingram & Jones, La. Ext. C. 258 rev. 7, 1945.
 i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3.177-179, 1947.
 Lippincott & Card, Poult. Parasites rev.:334, 1946.
 Marsden & Martin, Turkey Mangt. ed. 4:662-663, 1946.
 i Seiden, Poult. Handb.:79-80, 1947.
 Winter & Funk, Poultry rev.:395, 1946.
ARGAS PERSICUS - ERADICATION
 Lyle, J. Ec. Ent. 40:3, 1947.
ARGAS PERSICUS - INSECTICIDES -
 DDT
 Dove, USDA EPQ E-673.10, 1945.
 Stage, J. Ec. Ent. 40:761, 1947.
 Telford & Guthrie, Agr. Chem. 1(3): 31, 1946.
ARGAS PERSICUS & ENCEPHALITIS
 Hammon & Reeves, Amer. J. Pub. Health 35.995, 1945.
 Hammon & Reeves, Amer. J. Hyg. 46: 329, 1947.
ARGAS PERSICUS & ENCEPHALOMYE-LITIS
 Reeves, U. S. Livestock Sanit. Assoc. P. 49:154, 1946.
ARGAS PERSICUS & ENCEPHALOMYE-LITIS, EQUINE
 Hammon & Reeves, Amer. J. Pub. Health 35:997, 1945.
 b Hammon & Reeves, J. Expt. Med. 83:164-173, 1946.
ARGAS PERSICUS & FOWL SPIROCHETOSIS
 b Burroughs, Science 105:577, 1947.
 Burroughs, Sci. News Let. 51:390, 1947.
ARGAS PERSICUS & LEUKOSIS, AVIAN
 Brown, Tex. Acad. Sci. P. & Trans. 28:97-98, 1945. (Abs.)
 Emmel, Amer. Vet. Med. Assoc. J. 106:108, 1945.
ARGAS REFLEXUS (F.)
 Bushnell & Twiehaus, Kans. B. 326:89, 91, 1945.
ARGASIDAE - INSECTICIDES
 b Roark, USDA EPQ E-655:2, 1945.
ARGE MACLEAYI (Leach)
 Richmond, B. C. Lumbeerm. 31(4):84, 1947.

ARGE PECTORALIS (Leach) (BIRCH SAWFLY)

- Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:33, 1945.
Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:39, 1946.
Bradley, Can. Ins. Pest Rev. 24:62, 1946; 25:81, 1947.
Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:44, 1947.
Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:24, 1947.
Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:23, 1946.
Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:19, 1945.
Reeks, Can. Ins. Pest Rev. 24:28, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:14, 1947.
Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:31, 1946.

***ARGENTINE ANT, see IRIDOMYRMEX HUMILIS Mayr**

ARGIA PUTRIDA (Hagen), see ARGIA MOESTA PUTRIDA (Hagen)

- ARGIOPE AURANTIA Lucas**
i Malkin, Can. Nature 9:92-94, 1947.
i Paul, Coronet 20(1):94-95, 1946.
i Peattie, Nature Mag. 38:290-292, 1945.

ARGIOPE AVARA Thor.

- Bianchi, Hawaiian Ent. Soc. P. 12:246, 1945.
Swezey, Hawaiian Ent. Soc. P. 12:474, 1946.

ARGYNNINAE - GENITALIA

- bi Dos Passos & Grey, Amer. Mus. Nov. 1296, 29 p., 1945.

ARGYNNIS APHRODITE COLUMBIA Hy. Edwards, see SPEYERIA APHRODITE COLUMBIA (Hy. Edwards)

ARGYNNIS CYBELE F., see SPEYERIA CYBELE (F.)

ARGYNNIS HYDASPE RODOPHE Edwards, see SPEYERIA HYDASPE RODOPHE (Edwards)

ARGYNNIS IDALIA Drury, see SPEYERIA IDALIA (Drury)

ARGYNNIS ZERENE BREMMERI Edwards, see SPEYERIA ZERENE BREMMERI (Edwards)

ARGYRAMOEBA DISTIGMA (Wied.), see ANTHRAX DISTIGMA (Wied.)

- ARGYRESTHIA EUGENIELLA Busck (GUAVA FRUIT MOTH)**
Wolfenbarger, Fla. R. f. 1946/47:248.
Wolfenbarger, Fla. St. Hort. Soc. P. 60:169, 1947.

ARGYRESTHIA THUIELLA (Pack.) (ARBORVITAE LEAF MINER)*

- i Boyd, N. J. Dept. Agr. C. 355:70, 1945.
Watson, Can. Ins. Pest Rev. 25:62, 1947.
Watson & Raizenne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:35, 1947.

ARGYROPHYLAX ALBINCISA (Wied.)

- Martorell, P. R. Univ. J. Agr. 29:515, 535, 1945.

- Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Ser. 4:77, 1947.

ARGYROPOLOCE ILLEPIDA (Butler), see CRYPTOPHLEBIA ILLEPIDA (Butler)

ARGYROTAENIA AMATANA (Dyar) - AVOCADO

- Wolfenbarger, Fla. R. f. 1946/47:248.

ARGYROTAENIA CITRANA (Fern.) (ORANGE TORTRIX)*

- i Boyce & Ortega, Cal. Citrog. 32:318-319, 1947.

- i Boyce & Ortega, Cit. Leaves 27(4): 6-7, 1947.

- Caryl & Johnston, Cal. Ext. C. 114 rev.:45, 1946.

- Davis, Oreg. St. Hort. Soc. R. 38:28-29, 1946; 39:49, 1947.

- Downes, Can. Ins. Pest Rev. 24:128, 1946.

- Keifer, Cal. Dept. Agr. B. 36:169, 1947.
Parker et al., Man. for Cit. Grow. ed. 3:51, 1947.

- Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:8; f. 1945/46: 15, f. 1946/47:14.

- Ward, B. C. Dept. Agr. R. 40:V79, 1946.

ARGYROTAENIA MARIANA (Fern.) (GRAY-BANDED LEAF ROLLER)*

- Hockey et al., N. S. Fruit Grow. Assoc. R. 82:83, 1945; 83:146, 1946, 84: 157, 1947.

- Neary, N. S. Dept. Agr. R. f. 1943/44: 102, 1945; f. 1944/45:104, 1946; f. 1945/46:92, 1947.

- Neary, N. S. Fruit Grow. Assoc. R. 82:33, 35, 1945, 83:22-23, 1946; 84: 114, 1947.

- Patterson & Neary, Can. Ins. Pest Rev. 24:14, 1946; 25:90, 1947.

- Pickett et al., Sci. Agr. 26:591, 1946.

ARGYROTAENIA VELUTINANA (Wlkr.) (RED-BANDED LEAF ROLLER)*

- Chandler, Ill. St. Hort. Soc. Trans. 80: 135-137, 183-184, 1947.

- Dewey, N. Y. St. Hort. Soc. P. 92:58, 1947.

- Goodrich, N. Y. St. Hort. Soc. P. 92: 43, 1947.

- Harman, N. Y. St. Hort. Soc. P. 92:40-42, 1947.

- Houser, Ohio St. Hort. Soc. P. 100:22, 1947.

- Jenkins, Mo. St. Hort. Soc. Hort. News 7(2):9, 1947.

- i Mills & Dewey, N. Y. (C.) Ext. B. 711: 10-12, 31, 1947.

- Putnam, N. Y. St. Hort. Soc. P. 92:47, 1947.

- Richardson, Iowa R. f. 1946/47, pt. 1: 202.

- Richardson, Iowa St. Hort. Soc. Trans. 82:139, 1947.

- Whitehead & Bewick, Okla. Acad. Sci. P. 27:42, 1947.

**ARGYROTAENIA VELUTINANA -
SPRAYS**

- Annard, USDA EPQ R. f. 1946/47.10.
Dean, N. Y. St. Hort. Soc. P. 92:181-182, 1947.
Hough, Mountaineer Grow. 17(163):8, 1947.
Peterson, Peninsula Hort. Soc. Trans. 60:82-83, 1947.
Porter, Amer. Fruit Grow. 67(8):15, 42, 1947.
Sherwood, Mountaineer Grow. 17(163):6, 1947.
Slate, Conn. R. f. 1945/46 10.
Stanley, Tenn. Hort. 25(1):3-4, 1947.
Steiner et al., Ind. Hort. Soc. Trans. 86 92-94, 97, 1947.
Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540 16, 1947.

**ARGYROTAENIA VELUTINANA -
SPRAYS - DDT**

- Conklin, N. H. Hort. Soc. J. 9:50, 1947.
Garman, Conn. B. 512.86.92, 1946.
Hough & Hill, Va. R. f. 1946/47:32.
Jenkins, Amer. Fruit Grow. 67(8):20, 56, 1947.
Jenkins, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.45, 1947.

**ARGYROTOXA SEMIPURPURANA
(Kearf.)**

- Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:34, 1945.

**ARHOPALUS AGRESTIS (Kby.), A. OB-
SOLETUS (Rand.)**

- Knull, Ohio Biol. Surv. B. 39.149-150, 1946.

ARHOPALUS PRODUCTUS (Lec.)

- Hardy, Victoria Nat. 2:90, 1945.

ARIADNA BICOLOR (Hentz)

- Teale, Nature Mag. 38:494, 1945.

ARIGORYTES Roh. - REVISION

- nk Pate, Can. Ent. 79:51-56, 1947.

**ARILUS CRISTATUS (L.) (WHEEL BUG)*-
PREY**

- Bromley, Ent. News 57:21, 1946.
Moul, Ent. News 56:57-59, 1945.

ARISTOTELIA FRAGARIAE Busck

- (STRAWBERRY CROWN MINER)*

- Drake et al., Iowa Dept. Agr. YB 47:114-115, 1947.

- Hardy, Iowa St. Hort. Soc. Trans. 81.165-170, 1946.

- Mills et al., Mont. B. 425:22, 1945.

- Webster, Wash. Ext. B. 246 rev.:21, 1946.

ARISTOTELIA URBAUREA Keif.

- Kelfer, Cal. Dept. Agr. B. 35:209, 1946.

ARMADILLIDIUM NASATUM Budde-Lund

- Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 31:279, 1946.

- Shaw et al., J. Ec. Ent. 39:818-819, 1946.

- b Smith & Goodhue, J. Ec. Ent. 38:177-178, 1945.

ARMADILLIDIUM VULGARE Latr.

- (COMMON PILLBUG)

- i Bohart, Hilgardia 17:303, 1947.

- Shaw et al., J. Ec. Ent. 39:818-819, 1946.

**ARMADILLIDIUM VULGARE--Con-
tinued.**

- Roark & McIndoo, USDA EPQ E-728. 38, 1947.

**ARMIGERES OBTURBANS (Wlkr.) &
DENGUE**

- U. S. Army Med. Dept. B. 4:535, 1945.

**ARMIGERES OBTURBANS & ENCEPHA-
LOMYELITIS, EQUINE**

- Hammon & Reeves, Amer. J. Pub. Health 35:997, 1945.

***ARMY CUTWORM, see CHORIZA-
GROTIS AUXILIARIS (Grote)**

***ARMYWORM, see CIRPHIS UNIPUNCTA
(Haw.)**

ARMYWORMS, see CUTWORMS

**AROGA TRIALBAMACULELLA (Chamb.)
(RED-STRIPED FIREWORM)**

- Beckwith, N. J. Dept. Agr. C. 356:47, 1945.

**ARRHENODES MINUTUS (Drury) - GENI-
TALIA - MALE**

- i Bruhn, Great Basin Nat. 8:10, 1947.

ARRHINOMYIA TRAGICA (Meig.)

- Boyce, Quebec Soc. Protect. Plants R. 30:99-100, 1947.

ARTEMISAPHIS ARTEMISICOLA

- (Williams)

- Knowlton, Bklyn. Ent. Soc. B. 42.155, 1947.

- Knowlton, Kans. Ent. Soc. J. 20:27, 1947.

ARTHROCHLAMYS CORYLI, A. TECTA

- ni Brown, Can. Ent. 78.48-49, 1946.

ARTHROLYSIS sp.

- Wylie, Fla. St. Hort. Soc. P. 59:89, 1946.

ARTHROPODA

- bi Cameron, Parasites of Man ed. 2:119-172, 1946.

- i Curtis & Guthrie, Textb. Gen. Zool. ed. 4.466-467,482-534, 1947.

- Gershenfeld, Bact. & All. Subjects: 372-392, 1945.

- bi Laubenfels, Life Sci.:210-211,216, 218-229, 1946.

- bi Moon et al., Mod. Biol.:267,284-325, 1947.

- Murrill, Guide to Fla. Anim.:53-93, 1945.

- i Winchester, Zoology:153-229, 1947.

- i Wolcott, Anim. Biol. ed. 3:311-357, 1946.

**ARTHROPODA - COLLECTION & PRES-
ERVATION - MOUNTING**

- Huber & Caplin, Arch. Dermat. &

- Syph. 56:763-765, 1947.

ARTHROPODA - CUTICLE

- b Richards, Ent. Soc. Amer. Ann. 40:227-240, 1947.

- Richards, Science 105:170-171, 1947.

ARTHROPODA - CUTICLE, see also

- INSECTS - CUTICLE**

ARTHROPODA - FOSSIL

- bi Lance, South. Cal. Acad. Sci. B. 45:21-27, 1946.

- i Pierce, South. Cal. Acad. Sci. B. 44:1-9, 46:136-143, 1945; 45:119-132, 1947.

ARTHROPODA - FOSSIL, see also IN-

- SECTS - FOSSIL**

ARTHROPODA - INSECTICIDES

Roark, USDA EPQ E-656, 27 p., 1945.

ARTHROPODA - STRATIFICATION IN FORESTS

bi Dowdy, Ecology 28:418-439, 1947.

ARTHROPODA & ANIMAL DISEASE

i Mönnig, Vet. Helminth. & Ent. ed. 3:275-415, 1947.

ARTHROPODA & DISEASE

i Kingscote, Ont. Dept. Agr. Ont. Vet. Col. R. f. 1946/47:32-33.

Montgomery, Pest Control & Sanit. 2(5):18-19; (6):12-13, 14-15, 26-27, 1947.

i Strausbaugh & Weimer, Gen. Biol. ed. 2:381-383, 456-460, 466-467, 1947.

ARTHROPODA & DISEASE - ENCEPHALITIS GROUP

b Hammon, Cal. Med. 67:219-220, 1947.

***ARTICHOKE PLUME MOTH, see PLATYPTILIA CARUIDACTYLA (Riley)**

ARYTAINA CAYEYENSIS Cald.

Martorell, P. R. Univ. J. Agr. 29:376-377, 1945.

ASARCOPUS PALMARUM Horv. (DATE-BUG)*

Nixon, USDA C. 728:38, 1945.

ASCA DUOSETOSA Fox

ni Fox, Biol. Soc. Wash. P. 59:174-175, 1946.

ASCA MURICATA Fox

ni Fox, Ent. Soc. Amer. Ann. 40:600-601, 1947.

ASCIA MONUSTE (L.)

i Martorell, P. R. Univ. J. Agr. 29:479-481, 1945.

ASCIA MONUSTE PHILETA (F.)

i Chermock, Pa. Acad. Sci. P. 19:40, 1945.

b Chermock, Ent. News 57:144-146, 1946.

ASCOGASTER sp.

Boyce, Quebec Soc. Protect. Plants R. 30:173, 1947.

Mathers, Can. Ins. Pest Rev. 24:122, 1946.

i Prebble & Graham, B. C. Lumberm. 29(3):39, 1945.

ASCOGASTER CARPOCAPSAE (Vier.), see ASCOGASTER QUADRIDENTATA Wesm.

ASCOGASTER QUADRIDENTATA Wesm.

Boyce, Quebec Soc. Protect. Plants R. 30:97-98, 100; 174, 1947.

Fulton, B. C. Ent. Soc. P. 43:25-27, 1947.

Jaynes & Marucci, J. Ec. Ent. 40:11-13, 25, 1947.

Porter, Smithsn. Inst. R. f. 1944:352-353, 1945.

Webster & Shenefelt, Wash. B. 470:39, 1945.

Wishart, Ent. Soc. Ont. R. 77:36-77, 1947.

ASCOSCHONGASTIA Ewing

bni Ewing, Biol. Soc. Wash. P. 59:71, 1946.

ASCOSCHONGASTIA INDICA (Hirst) - FOOD HABITS

Wharton & Carver, Science 104:76-77, 1946.

ASELLODES FENESTRARIA Guen.

Martorell, P. R. Univ. J. Agr. 29:512, 1945.

ASEMUM ATRUM Esch.

i Knoll, Ohio Biol. Surv. B. 39:148, 1946.

ASH BLISTER BEETLE, see LYTITA SPHAERICOLLIS Say

***ASH BORER, see PODOSESIA SYRINGAE FRAXINI (Lug.)**

ASH FLOWER BLISTER MITE, see ERIOPHYES FRAXINIFLORA Felt

***ASH-GRAY BLISTER BEETLE, see EPICAUTA FABRICII (Lec.)**

ASH INSECTS - CALIFORNIA

bi Usinger, J. Ec. Ent. 38:585-591, 1945.

ASH LACE BUG, see LEPTOPYPHA MINOR McA.

ASH MIDRIB GALL, see CONTARINIA CANADENSIS Felt

***ASH PLANT BUG, see NEOBORUS AMOENUS** (Reut.)

***ASIATIC GARDEN BEETLE, see AUTOSERICA CASTANEA** (Arrow)

ASILIDAE

blk Bromley, Conn. St. Geol. & Nat. Hist. Surv. B. 69:48 p., 1946.

Bromley, Ent. Soc. Wash. P. 48:16-17, 1946.

Bromley, Ohio J. Sci. 47:67-68, 1947.

Fattig, Emory Univ. Mus. B. 2, 33 p., 1945.

ni Wilcox, South. Cal. Acad. Sci. B. 44, 10-17, 1945.

ASILIDAE - MORPHOLOGY - INTERNAL

b Owsley, Ent. Soc. Amer. Ann. 39:33, 1946.

Owsley, Ohio St. Univ. Abs. Doctoral Diss. 49:99-104, 1946.

ASILIDAE - PREY

Alex, Bklyn. Ent. Soc. B. 42:170-172, 1947.

Bromley, N. Y. Ent. Soc. J. 53:147-150, 1945.

ASILUS CURCULIONIS Melander

ni Melander, Psyche 53:45-46, 1946.

ASILUS LECYTHUS Wlkr.

Fattig, Emory Univ. Mus. B. No. 4:5, 1946.

ASIPHUM SACCULI Gill., **A. TREMULAE** (Deg.)

Knowlton, Bklyn. Ent. Soc. B. 42:77, 1947.

***ASPARAGUS BEETLE, see CRIOCERIS ASPARAGI (L.)**

ASPARAGUS INSECTS

Hanna, Cal. Ext. C. 91 rev.:20-21, 1947.

Thompson et al., USDA FB 1646 rev.: 24-26, 1947.

***ASPEN LEAF BEETLE, see CHRYSOMELA TREMULAE F.**

ASPHODELOCOCCLUS Morrison

n Morrison, Wash. Acad. Sci. J. 35: 41-42, 1945.

- ASPHONDYLIA BIDENS Johannsen
n Johannsen, Fla. Ent. 28:9-10, 1945.
- ASPIDIOTIPHAGUS LOUNSBURYI (Berl.
& Paoli)
Mathis, Fla. Ent. 29:33, 1947.
- ASPIDIOTUS Ferris
ik Ferris, Microentomology 11:43-44,
1946.
- ASPIDIOTUS sp.
Acuña & de Zayas, Cuba (Santiago de
las Vegas) C. 85:12, 1946.
- ASPIDIOTUS ANCYLUS (Putn.) (PUTNAM
SCALE)*
Beckwith, N. J. Dept. Agr. C. 356:48,
1945.
Beckwith, USDA FB 1951 rev.:36-37,
1946.
Boyd, N. J. Dept. Agr. C. 355:92, 1945.
Keifer, Cal. Dept. Agr. B. 33:252, 1945.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:19-20.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945 57, 1946.
Peterson, Can. Ins. Pest Rev. 24:105-
106, 1946.
- ASPIDIOTUS ANCYLUS - SURVEYS
Armitage et al., Cal. Dept. Agr. B. 35:
197-199, 1946.
- ASPIDIOTUS BRITANNICUS Newst.
(HOLLY SCALE)*
Keifer, Cal. Dept. Agr. B. 33:249; 34:
188, 1945, 35:209, 1946.
- ASPIDIOTUS CAMELLIAE Sign.
(GREEDY SCALE)*
Ebeling, Cal. Ext. C. 43 rev.:50, 1947.
Morrison, Cal. Dept. Agr. B. 35:133,
1946.
- ASPIDIOTUS CYANOPHYLLII Sign.
Martorell, P. R. Univ. J. Agr. 29:406-
407, 1945.
- ASPIDIOTUS DEGENERATA (Leonardi)
Morrison, Cal. Dept. Agr. B. 35:133,
1946.
- ASPIDIOTUS DESTRUCTOR Sign. (COCO-
NUT SCALE)*
Martorell, P. R. Univ. J. Agr. 29:407-
408, 1945.
- ASPIDIOTUS HEDERAE (Vallot) (OLE-
ANDER SCALE)* (IVY SCALE)
i Condit, Cal. Ext. C. 135:32-33, 1947.
Ebeling, Cal. Ext. C. 43 rev.:50, 1947.
Morrison, Cal. Dept. Agr. B. 35:132,
1946.
Steinweden, Orchid Digest 9:265-266,
1945.
- ASPIDIOTUS HERCULEANUS Hadden
Martorell, P. R. Univ. J. Agr. 29:408,
1945.
- ASPIDIOTUS HOWARDI Ckll. (HOWARD
SCALE)*
Armitage et al., Cal. Dept. Agr. B. 35:
197-199, 1946.
- ASPIDIOTUS LANTANIAE Sign.
Condit, Fig:181, 1947.
Ebeling, Cal. Ext. C. 43 rev.:49-50,
1947.
Martorell, P. R. Univ. J. Agr. 29:408,
1945.
Morrison, Cal. Dept. Agr. B. 35:133,
1946.
Wolfenbarger, Fla. R. f. 1946/47:248.
- ASPIDIOTUS LATANIAE--Continued.
Wolfenbarger, Fla. St. Hort. Soc. P.
60:170, 1947.
- ASPIDIOTUS LATANIAE - REARING
i Flanders, J. Ec. Ent. 40:746-747,
1947.
- ASPIDIOTUS ORIENTALIS Newst., see
AONIDIELLA ORIENTALIS (Newst.)
- ASPIDIOTUS PERNICIOSUS Comst. (SAN
JOSE SCALE)*
i Baerg & Lincoln, Ark. Ext. C. 448.
14, 1947.
i Boyd, N. J. Dept. Agr. C. 355:93-94,
1945.
Buchanan, Wash. B. 482. 41, 1946.
Chambers, Wis. Dept. Agr. B. 274:76,
1946.
Chandler, Ill. St. Hort. Soc. Trans. 78.
292,339-340, 359-360, 1945, 79:124-
125, 1946, 80:138, 1947.
Childs et al., Oreg. Ext. B. 663.3; 664:
2, 1946.
Dewey, N. Y. St. Hort. Soc. P. 92 57,
1947.
Drake, Iowa Dept. Agr. YB 46:161-162,
1946.
Ferguson et al., La. Ext. B. 7:14-15,
1947. (Repr.)
Graham et al., Md. Ext. B. 105:7-8,
1945, 112:7-8, 1946.
Houser, Ohio St. Hort. Soc. P. 100.23,
1947.
Lamiman & Smith, Cal. Ext. C. 103
rev. 71-72, 1947.
bi Marcovitch & Stanley, Tenn. B. 195.
19-21, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 306
rev. 32, 1946, 711:6-8, 26-27, 47, 64,
71, 1947.
Ragland & Overcash, Miss. Farm Res.
10(12):6, 1947.
Ritcher, Ky. Fruit Notes 3(3) 2, 1946,
3(4):7-8, 1947.
Sanders, La. Ext. C. 259:14-15, 20,
1946.
Smith, Cal. Ext. C. 46 rev. 42, 1947.
i Talbert, Gen. Hort.:185-186, 1946.
i Talbert, Mo. B. 509.29, 1947.
Watson, Fla. Grow. 54(1):14-15, 1946.
Whitcomb, Mass. Ext. Fruit Notes,
Feb. 15, 1945:4-5.
Oreg. C. Inform. 407.4, 1947.
USDA EPQ Ins. Pest Surv. Sum. of Ins.
Conditions in 1944.7, 1945.
- ASPIDIOTUS PERNICIOSUS - CANADA
Gardiner, Can. Min. Agr. R. f. 1946/47:
86.
Marshall & Ross, Can. Ins. Pest Rev.
25:83, 1947.
Robertson, B. C. Dept. Agr. R. 40:
V52-V53, 1946.
Ross, Can. Ins. Pest Rev. 24:46, 1946.
Thompson, Can. Ins. Pest Rev. 24:41,
1946.
- ASPIDIOTUS PERNICIOSUS - ERADICA-
TION
Lyle, J. Ec. Ent. 40:2, 1947.
- ASPIDIOTUS PERNICIOSUS - PARA-
SITES - FUNGI
Watson, Fla. Grow. 54(1):14-15, 1946.

- ASPIDIOTUS PERNICIOSUS - POPULATIONS - FLUCTUATION**
i Chandler, Ill. St. Acad. Sci. Trans. 38:14-16, 1946.
- ASPIDIOTUS PERNICIOSUS - REARING**
i Flanders, J. Ec. Ent. 40:746-747, 1947.
- ASPIDIOTUS PERNICIOSUS - RESISTANCE TO INSECTICIDES**
Quayle, Cal. Citrog. 30:98, 1945.
- ASPIDIOTUS PERNICIOSUS - SPRAYS**
Crowley, Wash. B. 470:92, 1945.
i Fllinger, Kans. C. 235:16-17, 1946.
Fior, Ga. Ext. B. 518 rev.:10,14-15, 1946.
Jones et al., Oreg. C. Inform. 405:4, 1947.
Lecrone, Okla. Ext. C. 108 rev.:16-17, 1946.
Lyle, Miss. Farm Res. 8(11):1, 1945.
Overley, Wash. B. 470:87, 1945.
i Quaintance & Porter, USDA FB 1398 rev.:11,14-15, 1946.
Rasmussen et al., Mich. Ext. B. 154 rev.:50, 1946.
Sherwood, W. Va. Ext. C. 320 rev.:16, 1946.
Sherwood, Mountaineer Grow. 17(163):2, 1947.
Smith, Cal. Ext. C. 98 rev.:47, 1946.
i Snapp, Amer. Fruit Grow. 67(2):16, 1946.
Talbert, Mo. St. Hort. Soc. Hort. News 5(11):5, 1946; 7(11):4, 1947.
Volz, Cal. Cult. 93:176, 1946.
Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:22,106-109, 1945.
- ASPIDIOTUS PERNICIOSUS - SPRAYS - DDT**
Marshall, Wash. St. Hort. Assoc. P. 42:69-70, 1946.
- ASPIDIOTUS PERNICIOSUS - SURVEYS**
Yapp, Kans. Ent. Comn. Bien. R. 20:8-9, 1946.
- ASTATA IMMIGRANS** Williams
ni Williams, Hawaiian Ent. Soc. P. 12. 641-648, 1946.
- ASTER INSECTS**
i Parks & King, Ohio Ext. B. 76 rev.:5, 1947.
- ASTER LEAFHOPPER, see MACROSTELUS DIVISUS** Uhl.
- ASTEROCAMPA CELTIS** (Bdvl. & Lec.) (GRAY EMPEROR BUTTERFLY) (HACKBERRY BUTTERFLY)
Barlow, Staten Isl. Inst. Arts & Sci. Mus. B. 28:18, 1945.
- ASTEROCHITON VARIABILIS** (Quaint.), see TRIALEURODES VARIABILIS (Quaint.)
- ASTEROLECANIUM ARABIDIS** (Sign.)
Armitage et al., Cal. Dept. Agr. B. 35:198, 1946.
i Essig, Cal. Dept. Agr. B. 34:134-136, 1945.
Kelfer, Cal. Dept. Agr. B. 33:249, 1945; 34:188, 1946.
Steinweden, Cal. Dept. Agr. B. 34:178-179, 1945.
- ASTEROLECANIUM AUREUM** (Bdvl.), see ASTEROLECANIUM EPIDENDRI (Bouché)
- ASTEROLECANIUM BAMBUSAE** (Bdvl.) (BAMBOO SCALE)
Bartlett, P. R. (Mayaguez) R. f. 1944:28, 1945.
Jardine et al., USDA OES R. f. 1944/45 55, 1946.
Martorell, P. R. Univ. J. Agr. 29:385-387, 1945.
Morrill & Otanes, J. Ec. Ent. 40:599, 1947.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):3.
- ASTEROLECANIUM BAMBUSICOLA** Kuw
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):3.
- ASTEROLECANIUM EPIDENDRI** (Bouché)
Swezey, Hawaiian Ent. Soc. P. 12:375, 1945.
- ASTEROLECANIUM HEMISPHERICUM** Kuw.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):4.
- ASTEROLECANIUM MILIARIS** Bdvl.
Bartlett, P. R. (Mayaguez) R. f. 1944:28, 1945.
Jardine et al., USDA OES R. f. 1944/45:55, 1946.
- ASTEROLECANIUM MILIARIS LONGUM** (Green), see ASTEROLECANIUM MILIARIS ROBUSTUM Green
- ASTEROLECANIUM MILIARIS MILIARIS** (Bdvl.)
Martorell, P. R. Univ. J. Agr. 29:387, 1945.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):4.
- ASTEROLECANIUM MILIARIS ROBUSTUM** Green
Martorell, P. R. Univ. J. Agr. 29:387, 1945.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):4.
- ASTEROLECANIUM PSEUDOMILIARIS** Green
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):4.
- ASTEROLECANIUM PUSTULANS** (Ckll.)
Condit, Fig:181, 1947.
Martorell, P. R. Univ. J. Agr. 29:387-389, 1945.
- ASTEROLECANIUM VARIOLOSUM** (Ratz.)
i Boyd, N. J. Dept. Agr. C. 355:94-95, 1945.
- ASTRAPTES ANAPHUS** (Cram.)
Freeman, Ent. News 56:5, 1945.
- ASTRAPTES TALUS** (Cram.) (GUARAGUARO SKIPPER)
Martorell, P. R. Univ. J. Agr. 29:488, 1945.
- ASTYLIDIUS PARVUS** (Lec.)
i Knoll, Ohio Biol. Surv. B. 39:247, 1946.
- ASTYLOPSIS COLLARIS** (Hald.) 246-247, A. MACULA (Say) 245-246, A. SEXGUTTATA (Say) 246
i Knoll, Ohio Biol. Surv. B. 39: 1946.
- ATANUS EXITIOSUS** Beamer & YELLOW WILT OF SUGAR BEET
i Bennett & Munck, J. Agr. Res. 73:57-60,63, 1946.
- ATAIXA CRYPTA** (Say)
i Knoll, Ohio Biol. Surv. B. 39:266, 1946.

- ATETHMIA REPANDA (F.), *see* BAGIS-ARA REPANDA (F.)
- ATEUCHUS HISTEROIDES Weber
Cooper, Ky. R. 58:49, 1946.
- ATHLIA Er. - REVISION
nik Saylor, Ent. Soc. Wash. P. 48:18-25, 1946.
- ATHOUS CUCULLATUS (Say), A. SCAPULARIS (Say)
i Jewett, Ky. B. 489:22-23, 1946.
- ATHYSANUS ARGENTATUS (F.) - NEW ENGLAND
Banks, Psyche 53:4-5, 1946.
- ATIMIA CONFUSA (Say)
i Knull, Ohio Biol. Surv. B. 39:147-148, 1946.
- ATIMIA MARITIMA Lins. - PARASITES
Barr, Pan-Pac. Ent. 23:58, 1947.
- ATMOSPHERIC PRESSURE & INSECTS
b Wellington, Can. Ent. 7-15, 21-28, 1945.
b Wellington, Can. J. Res. Sect. D 24:51-70, 105-117, 1946.
- ATOMUS ARVENSIS (Banks), *see* ERYTHRAEUS ARVENSIS Banks
- ATOMUS PILOSUS (Banks), *see* ERYTHRAEUS PILOSUS (Banks)
- ATRICHOLAEALAPS Ewing, *see* HAEMOLAEALAPS Berl.
- ATRYTONE VITELLII (F.), *see* CHORANTHUS VITELLII (F.)
- ATTA F.
Gomez, Fitófilo 4:142-143, 1945.
i Hambleton, USDA OFAR Agr. in the Amers. 5 123-125, 135, 1945.
i Life 23(17):145-148, 1947.
- ATTA - COMMON NAMES
Osorio, Control de Plagas 7:112, 1945.
- ATTA sp.
i Dickey et al., Fla. B. 436:41-42, 1947.
- ATTA CEPHALOTES (L.)
Hambleton, J. Ec. Ent. 38:282, 1945.
- ATTA INSULARIS Guér.
Barbour, A Nat. in Cuba. 103-105, 1945.
i Bruner & Ochoa, Cuba (Santiago de las Vegas) C. 86, 10 p., 1946.
Bruner & Valdés Barry, Control de Plagas 8 [i.e. 7]:56, 1945.
i Bruner & Valdés Barry, Cuba (Santiago de las Vegas) C. 87, 17 p., 1946.
Osorio, B. Inform. Agr. Gobierno Prov. Las Villas 17(130):10, 1945.
Osorio, Control de Plagas 8 [i.e. 7]:75-76; 109-112, 1945.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
- ATTA TEXANA Buckl. (TEXAS LEAF-CUTTING ANT)*
Anderson, La. Comnr. Agr. & Immigr. Bien. R. 32:95, 1946.
- ATTAGENUS sp. - NUTRITION
b Moore, Ent. Soc. Amer. Ann. 39:513-521, 1946.
- ATTAGENUS NIGRIPES Casey (SMALL BLACK CARPET BEETLE)
Linsley, Pests 14(7):12, 14, 1946.
- ATTAGENUS PELLIO (L.)
Gray, Pests 15(8):10, 1947.
Linsley, Pests 14(7):14, 16, 1946.
- ATTAGENUS PICEUS (Oliv.) (BLACK CARPET BEETLE)*
Cotton, Pest Control & Sanit. 2(12):13, 1947.
i Cotton et al., USDA C. 720:17-18, 1945.
Davis, Pests 15(7):38, 1947.
Gray, Pests 15(8):8, 10, 1947.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):12-13, 1946.
i Mallis, Pest Control & Sanit. 1(8):9, 1946.
Michelbacher, Pests 15(6):8, 10, 1947.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213.4-6, 1947.
i Schmitt, N. J. C. 496, 7 p., 1945.
i Shepard, Pests 14(11):14, 16, 1946.
- ATTAGENUS PICEUS - BREEDING PLACES
Zappe, Conn. B. 488:421, 1945.
- ATTAGENUS PICEUS - CANADA
Arnason et al., Can. Ins. Pest Rev. 25. 118, 1947.
Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.
Gray, Can. Food Packer 17(11):27, 1946.
Gray, Can. Ins. Pest Rev. 24:132, 1946.
- ATTAGENUS PICEUS - HABITS & BEHAVIOR
b Linsley, Pests 14(7):14, 16, 1946.
- ATTAGENUS PICEUS - INSECTICIDES
Back, J. Ec. Ent. 39:721-723, 1946.
Molnar, Soap & Sanit. Chem. 23(7). 147, 149, 1947.
Parker & Beach, Del. B. 264:17-19, 25, 1947.
Pearsall & Wallace, Soap & Sanit. Chem. 22(10):163, 1946.
Weinman & Decker, J. Ec. Ent. 40:74-75, 1947.
Stearns, Soap & Sanit. Chem. 23(1):119, 141, 1947.
- ATTAGENUS PICEUS - NUTRITION - CHOLESTEROL
b McKennis, J. Biol. Chem. 167:645-654, 1947.
- ATTAGENUS PICEUS - NYLON
Patton, J. Ec. Ent. 38:522-523, 1945.
- ATTAGENUS PICEUS - REARING
Haydak, J. Ec. Ent. 40:279-280, 1947.
A. S. T. M. Stds f. 1946 Pt. 3-A:1092, 1947.
- ATTAGENUS PICEUS - REPELLENTS
Annand, USDA EPQ R. f. 1943/44:21, 1945.
- ATTAGENUS PICEUS - SOYBEANS, STORED
Farrar, Soybean Digest 6(2):13, 1945.
- ATTAGENUS SCHAFFERI (Hbst.)
Linsley, Pests 14(7):12, 14, 16, 1946.
- ATTELABUS BIPUSTULATUS (F.) - GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:11, 1947.
- ATTELABUS COCCOLOBAE Wolc. (SEA-GRAPE LEAF ROLLER)
Martorell, P. R. Univ. J. Agr. 29:448, 451, 1945.
- ATTELABUS SEXMACULATUS Chevr. (GUAVA LEAF ROLLER)
Martorell, P. R. Univ. J. Agr. 29:451-452, 1945.

ATTRACTANTS FOR INSECTS

- Baker et al., Wash. B. 497:15-17, 1947.
- Curry, N. Mex. R. 57:29, 1947?
- bi Dethier, Chem. Ins. Attractants & Repellents: 1-200,233-289, 1947.
- i Eyer, J. Ec. Ent. 38:344-346, 1945.
- Hoskins, Pest Control & Sanit. 2(1): 14-15, 1947.
- Howard et al., USDA Misc. Pub. 526 rev.:12-13, 1945.
- Langford & Cory, J. Ec. Ent. 39:245-247, 1946.
- b Muma et al., J. Ec. Ent. 38:658-660, 1945.
- b Scott & Milam, USDA EPQ E-735: 12-16, 1947.
- Walton & Whitehead, J. Ec. Ent. 38: 455-456, 1945.
- Weiss, N. Y. Ent. Soc. J. 55:114, 1947.
- Willis, J. Ec. Ent. 40:769-778, 1947.
- ATTRACTANTS FOR INSECTS - AM-MONIUM CARBONATE
- Gunderson, Iowa St. Hort. Soc. Trans. 80:123, 1945.
- Richardson, Iowa R. f. 1944/45 Pt. 1: 249.
- ATTRACTANTS FOR INSECTS - AMYL SALICYLATE
- Annard, USDA EPQ R. f. 1943/44:14, 1945.
- ATTRACTANTS FOR INSECTS - ANE-THOLE
- Annard, USDA EPQ R. f. 1943/44:27; f. 1944/45:35.
- Muma et al., J. Ec. Ent. 38:658-660, 1945.
- ATTRACTANTS FOR INSECTS - BEER
- Hiscox, Henley's Twentieth Century Formulas: 425, 1946.
- La Rivers, Pan-Pac. Ent. 22:117, 1946.
- ATTRACTANTS FOR INSECTS - CA-PROIC ACID
- Langford & Cory, Sci. News Let. 48: 375, 1945.
- ATTRACTANTS FOR INSECTS - CA-PROIC ACID & OIL
- Muma et al., J. Ec. Ent. 38:658-660, 1945.
- ATTRACTANTS FOR INSECTS - CA-PROIC ACID & PHENYL ETHYL BUTYRATE
- Langford & Cory, J. Ec. Ent. 39:245-247, 1946.
- ATTRACTANTS FOR INSECTS - CITRAL
- Muma et al., J. Ec. Ent. 38:658-660, 1945.
- ATTRACTANTS FOR INSECTS - DIA-MALT & TERPINYL ACETATE & BENTONITE
- Davis, Oreg. Dept. Agr. Bien. R. f. 1944/46:41.
- Davis, Oreg. St. Hort. Soc. R. 38:26, 1946.
- ATTRACTANTS FOR INSECTS - ETHYL CAPROATE & OIL
- Muma et al., J. Ec. Ent. 38:658-660, 1945.

ATTRACTANTS FOR INSECTS - GRAPEFRUIT RIND

- Curtis, East. Sts. Chrysanthemum Soc. B. 2(3):6, 1946.
- ATTRACTANTS FOR INSECTS - INSECT EXTRACTS
- Sparhawk, Amer. Perfumer & Essential Oil Rev. 48(5):40, 1946.
- ATTRACTANTS FOR INSECTS - NICO-TINE SULFATE & OIL OF SASSA-FRAS & SUGAR (BROWN)
- Steiner, Va. Fruit 34:137, 1946.
- ATTRACTANTS FOR INSECTS - PAINT, WET
- Dethlefsen, Pan-Pac. Ent. 23:36, 1947.
- ATTRACTANTS FOR INSECTS - PHENYL BUTYRATE & OIL
- Muma et al., J. Ec. Ent. 38:658-660, 1945.
- ATTRACTANTS FOR INSECTS - PLANT CONSTITUENTS
- Howard et al., USDA Misc. Pub. 526 rev.:12-13, 1945.
- ATTRACTANTS FOR INSECTS - ROSE GERANIUM OIL
- Filinger, Kans. C. 235:14, 1946.
- ATTRACTANTS FOR INSECTS - SEX ATTRACTANTS
- Annard, USDA EPQ R. f. 1944/45:36; f. 1945/46:34-35; f. 1946/47:38-39.
- Slate, Conn. R. f. 1944/45:24.
- ATTRACTANTS FOR INSECTS - SMOKE
- Weiss, N. Y. Soc. J. 55:146, 1947.
- ATTRACTANTS FOR INSECTS - TER-PINYL ACETATE
- Va. Ext. B. 131 rev.:20-21, 1947.
- ATTRACTANTS FOR INSECTS - TER-PINYL ACETATE MIXTURES
- Chisholm et al., J. Ec. Ent. 39:399, 1946.
- ATTRACTANTS FOR INSECTS - TER-PINYL ACETATE MIXTURES; see also DIAMALT & TERPINYL ACETATE & BENTONITE
- ATYPUS BICOLOR Lucas
- Muma & Muma, Ent. News 56:122-125, 1945.
- AUBAEANETIA ANORBITALIS Brooks
- n Brooks, Can. Ent. 77:96, 1945.
- AUCHENORHYNCHA
- i Fennah, Ent. Soc. Wash. P. 47:120-128, 1945.
- AUCHMERO MYIA LUTEOLA (F.) (CON-GO FLOOR MAGGOT) & MYIASIS
- i James, USDA Misc. Pub. 631:78-79, 1947.
- AUGOCHLORA Smith, AUGOCHLORELLA Sandh., AUGOCHLOROPSIS Ckll.
- bk Dreisbach, Mich. Acad. Sci. Papers 30:221-227, 1945.
- AULACASPIS PENTAGONA Targ., see PSEUDOLACASPIS PENTAGONA (Targ.)
- AULACASPIS ROSAE (Bouché) (ROSE SCALE)*
- i Boyd, N. J. Dept. Agr. C. 355:95-96, 1945.
- Butterfield, Cal. Ext. C. 80 rev.:46, 1947.
- i Filinger, Kans. C. 239:20, 1947.

- AULACASPIS ROSAE--Continued.
Wildon, Mich. Sp. B. 222 rev.:21,
1946.
- AULICUS TERRESTRIS Lins.
Frick, Pan-Pac. Ent. 22:55, 1946.
Mansfield & Tilden, Pan-Pac. Ent. 23.
34, 1947.
- AULOCARA ELLIOTTI (Thos.)
Hill, Wyo. R. 54:24-25, 1946?, 56:12,
1947.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:21.
- *AUSTRALIAN COCKROACH, see PERI-
PLANETA AUSTRALASIAE (F.)
- *AUSTRALIAN-PINE BORER, see CHRY-
SOBOTHIRIS TRANQUEBARICA
(Gmel.)
- AUTOGRAPHA Hbn. - DUSTS
bi Brannon, J. Ec. Ent. 38:403-404,
1945.
Kulash, J. Ec. Ent. 40:927-928, 1947.
i Smith, N. C. Res. & Farm. 4((Prog.
R. 3):7,9, 1946.
- AUTOGRAPHA BRASSICAE (Riley), see
TRICHOPLUSIA NI (Hbn.)
- AUTOGRAPHA CHALCITES (Esp.), see
CHRYSOIDEIXIS CHALCITES
(Esp.)
- AUTOGRAPHA EGENA (Guen.), see
AUTOPLUSIA EGENA (Guen.)
- AUTOGRAPHA SELECTA Wlkr., see
SYNGRAPHA SELECTA (Wlkr.)
- AUTOMERIS IO (F.) (IO MOTH)*
i Dillon & Dillon, Mengel Nat. Hist.
Soc. Leaf. 2:4, 1945.
- AUTOMOLIS INEXPECTATA (Rothsch.)
Swezey, Hawaiian Ent. Soc. P. 12:364,
1945.
- AUTOPLUSIA EGENA (Guen.)
Lange, Pan-Pac. Ent. 21:13, 1945.
- AUTOSERICA CASTANEA (Arrow)
(ASIATIC GARDEN BEETLE)*
i Boyd, N. J. Dept. Agr. C. 355:12-13,
1945.
Hadley & Fleming, USDA EPQ E-645:
6, 1945.
Hamilton, Natl. Chrysanthemum Soc.
B. 3(2):8, 1947.
Johnson, Conn. B. 488:419, 1945.
- AUTOSERICA CASTANEA - PREDATORS
Robinson, Ent. News 58:258, 1947.
- AVICULARIA CALIFORNICA Banks
Baerg, Conn. Acad. Arts & Sci. Trans.
36:109, 1945.
- AVOCADO INSECTS
Boyce, Cal. Avocado Soc. YB f. 1946:
84-85.
Ebeling, Cal. Avocado Soc. YB f. 1946:
86-87.
i Ebeling, Cal. Ext. C. 43 rev.:44-52,
1947.
Lockwood, Cal. Dept. Agr. B. 35:199,
1946.
Steinweden, Cal. Dept. Agr. B. 34:183,
1945.
Tinoco Corona, Fitófilo 4:352-363,
1945.
b Wolfe et al., Fla. Ext. B. 129:85-91,
1946.
Wolfenbarger, Fla. R. f. 1946/47:248.
- AVOCADO LACEBUG, see PSEUDA-
CYSTA PERSEAE (Heid.)
- AVOCADO LEAF ROLLER, see GRA-
CILARIA PERSEAE Busck
- AVOCADO MITE OF CALIFORNIA, see
PARATETRANYCHUS COITI McG.
- *AVOCADO RED MITE, see PARATE-
TRANYCHUS YOTHERSI (McG.)
- *AVOCADO WHITEFLY, see TRIALEU-
RODES FLORIDENSIS (Quaint.)
- *AZALEA BARK SCALE, see ERIOCOC-
CUS AZALEA Comst.
- AZALEA INSECTS
Laurie & Kiplinger, Ohio Bimo. B. 30:
185-186, 1945.
i Westcott, Sun-up 1(8):16,31, 1947.
- *AZALEA LACEBUG, see STEPHANITIS
PYRIODES Scott
- *AZALEA LEAF MINER, see GRACIL-
ARIA AZALEELA Brants
- AZALEA STEM BORER, see OBEREA
MYOPS Hald.
- *AZALEA WHITEFLY, see ALEYRODES
AZALEAE Baker & Moles
- AZOCHIS GRIPUSALIS Wlkr.
Condit, Fig:180, 1947.
- AZOCHIS RUFDISCALIS Hampis.
i Martorell, P. R. Univ. J. Agr. 29:
520-521,532, 1945.
- AZTECA sp.
Snyder, Wood Preserv. News 25:38,
1947.
- AZYA sp.
Plank & Bartlett, P. R. (Mayaguez) R.
f. 1945:39, 1946.
- BACCHA CLAVATA (F.)
i Martorell, P. R. Univ. J. Agr. 29
380-382, 1945.
i Needham, Natl. Geog. Mag. 90:350,
354-356, 1946.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana),
Caña de Azúcar en Cuba:551, 1946.
- BACCHA DIMIDIATA (F.)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:551, 1946.
- BACCHA SCUTELLATA (Loew)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:551, 1946.
- BACCHARIS LEAF GALL MITE, see
ACERIA BACCHARICES Keif.
- BACTERIAL BLIGHT OF WALNUTS, see
CARPOCAPSA POMONELLA &
BACTERIAL BLIGHT OF WALNUTS
- BACTERIAL DISEASES OF INSECTS, see
DISEASES OF INSECTS - BACTER-
IAL
- BACTRA TRUCULENTA Meyr. - PARA-
SITES
Swezey, Hawaiian Ent. Soc. P. 12:475,
1946.
- BAEOANUSIA MINOR (Silv.) - EGGS &
LARVAE
Maple, Cal. Univ. Pub. Ent. 8:66, 1947.
- BAEOANUSIA OLEAE (Silv.) - EGGS &
LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:66-67,
1947.
- BAEUS CALIFORNICUS Pierce
Bianchi, Hawaiian Ent. Soc. P. 12:245-
246,478, 1945.

- BAEUS CALIFORNICUS**--Continued.
Woodson, *Frontiers* 12:6-7, 29, 31, 1947.
- BAEUS LATRODECTI** Doz.
Baerg, *Conn. Acad. Arts & Sci. Trans.* 36:103, 1945.
- BAGISARA REPANDA** (F.)
Martorell, *P. R. Univ. J. Agr.* 29:505, 1945.
- ***BAGWORM**, see **THYRIDOPTERYX EPHEMERAEFORMIS** (Haw.)
- BAIT**, see **INSECTS AS FISH BAIT**; **POISON BAIT**; **TRAPS FOR INSECTS - BAIT**
- BAKERELLA** Crawford
nik Beamer, *Kans. Ent. Soc. J.* 18: 149-154, 1945.
- BAKER'S MEALYBUG**, see **PSEUDOCOCCUS MARITIMUS** (Ehrh.)
- BAKERY INSECTS**
Haas, *Can. Baker* 60(11/12):51, 54, 56, 1947.
i Hodler, *Food Indus.* 18:1865-1867, 1946.
i Holmes, *Baker's Digest* 20(4):31, 40, 1946.
Holmes, *Pests* 14(8):29-30, 32, 34, 36, 1946.
i Holmes, *Bakers' Helper* 86(1070):48-49, 56; (1072):54-55, 78, 80; (1074):42-43, 80, 82-83, 1946; 87(1088):67-68, 1947.
Holmes, *Cracker Baker* 36(1):35-37; (11):57-58, 1947.
Holmes, *Pest Control & Sanit.* 2(9): 15, 22-23, 1947.
i Ostrolenko & Kramer, *Baker's Digest* 21:63-64, 1947.
Skovholt & Hanschka, *Cracker Baker* 35(2):33-34; (4):35-36; (6):29-30; (7):35-36; (8):33; (11):39-40, (12): 37-38, 1946, 36(1):36, 1947.
Somers, *Baker's Digest* 20(2):39, 1946.
- BAKERY INSECTS - INSECTICIDES**
Dawson, *Bakers' Helper* 88(1095):45-46, 62, 1947.
Fisher, *Baker's Helper* 86(1069):48-49; (1071):52, 55, 1946.
Gerberg, *J. Ec. Ent.* 39:676, 1946.
Skovholt & Hanschka, *Bakers' Wkly.* 131(3):41-42, 1946.
- BALANINUS BACULI** Chitt., see **CURCULIO BACULI** (Chitt.)
- BALDULUS MAIDIS** (DeLong & Wolc.)
STREAK DISEASE OF CORN
Frazier, *USDA PISAE Plant Dis. Rptr.* 29:213, 1945.
- BALDULUS MAIDIS & STUNT OF CORN**
Kunkel, *Natl. Acad. Sci. P.* 32:246-247, 1946.
- BALIOSUS CALIFORNICUS** (Horn)
(**CEANOTHUS LEAF MINER**)
Cal. Dept. Nat. Resources Div. For., *For. Ins. Conditions in Cal. during* 1946:11, 1947.
- BALIOSUS RUBER** (Weber) (**BASSWOOD LEAF MINER**)
bi Adrien Robert, (Brother) *Quebec Soc. Protect. Plants R.* 30:118-124, 1947.
Connaughton, *USDA FS South. For. Expt. Sta. R.* 27:63-64, 1947.
- BALIOSUS RUBER**--Continued.
Lambert, *Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f.* 1944:19, 1945.
Rice, *Amer. Mid. Nat.* 35:166, 1946.
Watson & Raziene, *Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f.* 1946: 38, 1947.
- ***BALSAM-FIR SAWFLY**, see **NEODIPRION ABETIS** (Harr.)
- BALSAM GALL MIDGE**, see **CECIDOMYIA BALSAMICOLA** Lint.
- ***BALSAM TWIG APHID**, see **MINDARUS ABIETINUS** Koch
- BALSAM WOOLLY APHID**, see **CHERMES PICEAE** Ratz.
- BALTIMORES**, see **EUPHYDRYAS PHAETON** (Drury)
- BAMBOO BORER**, see **DINODERUS MINUTUS** (F.)
- BAMBOO INSECTS**
Jardine et al., *USDA OES R. f.* 1944/45: 55, 1946.
b Myers, *USDA EPQ Ins. Pest Surv. Sp. Sup.* (1947, No. 2), 10 p.
Trullinger, *USDA OES R. f.* 1946/47:M.
- BAMBOO POWDER-POST BEETLE**, see **DINODERUS MINUTUS** (F.)
- BAMBOO SCALE**, see **ASTEROLECANIUM BAMBUSAE** (Bdvl.)
- ***BANANA ROOT BORER**, see **COSMOPOLITES SORDIDUS** (Germ.)
- BANDARA** Ball
nik Knull, *Ent. Soc. Amer. Ann.* 39: 259-264, 1946.
- BANDED BLOWFLY**, see **CHRYSONOMYIA ALBICEPS** (Wied.)
- ***BANDED CUCUMBER BEETLE**, see **DIABROTICA BALTEATA** Lec.
- ***BANDED GREENHOUSE THRIPS**, see **HERCINOTHRIPS FEMORALIS** (Reut.)
- ***BANDED WOOLLYBEAR**, see **ISIA ISABELLA** (Abbott & Smith)
- BANDS FOR TREES**, see **TREE BANDING**
- BARATHRA CONFIGURATA** (Wlkr.), see **MAMESTRA CONFIGURATA** Wlkr.
- BARK BEETLES**
i Anderson, *Tex. For. Serv. B.* 33, 8 p., 1947?
Annand, *USDA EPQ R. f.* 1945/46:4, 11; f. 1946/47:34-35.
Biggar, *For. Situation in Cal.*:32-36, 1945.
Filmer, *Home Gard. (N. Y.)* 6(3):95, 1945.
i O'Byrne, *Va. Ext. C.* 403, 8 p., 1946.
Powell et al., *Ill. Ext. C.* 610:20, 1947.
Underhill & Fronk, *Va. R. f.* 1945/46: 37.
Upton, *Tex. Acad. Sci. P. & Trans.* 28: 100-102, 1945. (Abs.)
Watts, *USDA FS R. f.* 1947:20.
Weiss, *N. J. Dept. Agr. R.* 32:164-165, 1947.
Cal. Dept. Nat. Resources Div. For., *For. Ins. Conditions in Cal. during* 1946:7, 1947.
- BARK BEETLES**, see also **ELM BARK BEETLES**; **SCOLYTOIDEA**
- BARK BEETLES - CANADA**
Lejeune, *Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f.* 1945:46, 1946.

- BARK BEETLES - CANADA--Continued.**
 Lejeune, Can. Ins. Pest Rev. 24:77, 1946.
 Martineau, Quebec Min. Lands & For. R. f. 1943/44:95-98, 1945.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:54-55, 1946.
 Richmond, B. C. Lumberm. 31(4):65, 1947.
- BARK BEETLES - CANADA (ROCKY MOUNTAIN REGION)**
 Hopping, Can. Dept. Agr. Div. Ent. Processed Pub. 49, 8 p., 1946.
- BARK BEETLES - LOSSES CAUSED BY**
 i Hall, Timberm. 48(2):52,54,62, 1946.
- BARK BEETLES - NORTH CAROLINA**
 blk Beal & Masseu, Duke Univ. School For. B. 10,178 p., 1945.
- BARK BEETLES & DUTCH ELM DISEASE**
 Annand, USDA EPQ R. f. 1944/45:25-26; f. 1945/46:42-43.
 i Quackenbush, Flower Grow. 33.479-480,508-509, 1946.
 i Welch, N. Y. (G.) Farm Res. 12(1). 11-12, 1946.
- BARK BEETLES & FUNGUS DISEASE**
 Beal & Massey, Duke Univ. School For. B. 10:30-35, 1945.
- BARLEY INSECTS**
 Quisenberry & Webster, Neb. St. Bd. Agr. R. f. 1945:210-211.
- *BARNACLE SCALE, see CEROPLAS- TES CIRRIPIEDIFORMIS Comst.**
- BARRIERS FOR INSECTS**
 Annand, USDA EPQ R. f. 1943/44.44; f. 1944/45:12,21,40-41, f. 1945/46: 37; f. 1946/47:41.
 Back, USDA Leaf. 147 rev.:7, 1946.
 i Decker et al., Ill. Ext. C. 590:3-14, 1945.
 Hixson & Muma, J. Ec. Ent. 40:596, 1947.
 Jaynes & Marucci, J. Ec. Ent. 40:19-20, 1947.
 King, Tex. Ext. B. 151:4-5, 1947.
 Lincoln & Isely, Ark. Ext. C. 436:8, 1945.
 Lincoln & Miner, Ark. Ext. C. 437: 5-6,14, 1945.
 Ludvik & Decker, J. Ec. Ent. 40:98, 1947.
 Muma, Neb. Ext. C. 1537:11-12, 1946.
 Wallace et al., Cal. Dept. Agr. B. 34: 169, 1945.
 i Walton, USDA FB 739 rev.:6-7, 1946.
 Walton & Packard, USDA FB 1850 rev.:10, 1947.
- BARRIERS FOR INSECTS - BENZENE HEXACHLORIDE**
 Brooks & Anderson, J. Ec. Ent. 40: 225-226, 1947.
 Walton, J. Ec. Ent. 40:393-395, 1947.
- BARRIERS FOR INSECTS - CHLORDANE**
 Brooks & Anderson, J. Ec. Ent. 40: 225-226, 1947.
- BARRIERS FOR INSECTS - CREOSOTE**
 Haseman, Mo. B. 510:32, 1947.
 Walton, J. Ec. Ent. 38:713-714, 1945; 40:393-395, 1947.
- BARRIERS FOR INSECTS - DDT**
 Brooks & Anderson, J. Ec. Ent. 40: 225-226, 1947.
 Walton, J. Ec. Ent. 38:713-714, 1945.
- BARRIERS FOR INSECTS - DINITRO DUSTS**
 Tate & Bare, Neb. R. 58:56-57, 1945.
- BARRIERS FOR INSECTS - DINITRO-O-CRESOL**
 Bryson, Kans. Bien. R. 13:63, 1946.
 Walton, J. Ec. Ent. 38:713-714, 1945.
- BARRIERS FOR INSECTS - ELECTRIC**
 i Bruce, J. Ec. Ent. 40:276-277, 1947.
- BARRIERS FOR INSECTS - HOT WIRE**
 Finney et al., Hilgardia 17:459-460, 1947.
- BARRIERS FOR INSECTS - PAPER**
 bi Snyder & Hansen, Mycologia 38.455-462, 1946.
- BARRIERS FOR INSECTS - SABADILLA**
 Walton, J. Ec. Ent. 38:713-714, 1945, 40:393-395, 1947.
- BARYPEITHES PELLUCIDUS (Boh.) - CALIFORNIA**
 Van Dyke, Pan-Pac. Ent. 23:96, 1947.
- BARYPOLYNEMA SAGA (Gir.)**
 Swezey, Hawaiian Ent. Soc. P. 13 17-18, 1947.
- BASILARCHIA ARCHIPPUS (Cram.) (VICEROY)***
 i Knight, Iowa Conserv. 4.139, 1945.
- BASSUS sp.**
 Drake et al., Iowa Dept. Agr. YB 47 129, 1947.
- BASSUS AGILIS (Cress.)**
 Arbuthnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:31, 1947.
 Clark, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 1):3-4; (1945, No. 3): 2.
 Drake, Iowa Dept. Agr. YB 46:176, 1946.
- BASSUS BUTTRICKI Vier.**
 Satterthwait & Swain, J. Ec. Ent. 39: 579, 1946.
- BASSUS CARPOCAPSAE Cushman.**
 Jaynes & Marucci, J. Ec. Ent. 40:11-12, 1947.
- BASSUS PUMILUS (Ratz.), see AGATHIS PUMILUS (Ratz.)**
- BASSUS STIGMATERUS (Cress.)**
 Plank, Assoc. Tec. Azuc. Cuba. B. Ofic. 4:353-354, 1945.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:544, 1946.
 Scaramuzza et al., Assoc. Téc. Azuc. Cuba P. 21:5, 1947.
 Wilson, Fla. R. f. 1945/46:179.
 Wilson & Bregger, Fla. R. f. 1946/47: 189.
- *BASSWOOD LACE BUG, see GARGAPH- IA TILIAE (Walsh)**
- BASSWOOD LEAF MINER, see BALIOSUS RUBER (Weber)**
- *BASSWOOD LEAF ROLLER, see PAN- TOGRAPHIA LIMATA Grote & Rob.**
- BASSWOOD LOOPER, see ERANNIS TILIA-RIA (Harr.)**
- BATHYPLECTES CURCULIONIS (Thoms.)**
 McDuffie, Cal. Dept. Agr. Sp. Pub. 209:27, 1945.

- BATRISODES** Reitt.
bnik Park, Chicago Acad. Sci. B. 8:
45-132, 1947.
- BATS - PESTS**
ni Brennan, J. Parasit. 33:245-252,
1947.
- BATS & INSECTS**
i Heppenstall, Pa. Game News 16(11):
13,27, 1946.
Tauber & Benbrook, Iowa R. f. 1944/45
Pt. 1:255.
- BATYLE IGNICOLLIS** (Say), **BATYLE-**
OMA SUTURALE (Say)
i Knoll, Ohio Biol. Surv. B. 39:231,
1946.
- BEAKED WILLOW GALL**, *see* **PHY-**
TOPHAGA RIGIDAE O.-S.
- *BEAN APHID**, *see* **APHIS FABAE** Scop.
- BEAN CAPSID**, *see* **PYCNOTERES**
QUADRIMACULATUS Guér.
- BEAN CUTWORM**, *see* **LOXAGROTIS**
ALBICOSTA (Smith)
- BEAN INSECTS**
Gates, Neb. R. 58:61, 1945.
Hoerner, West. Colo. Hort. Soc.
Trans. f. 1944:57-59, 1945.
Mackie, Cal. B. 696:45-46, 1946.
i Mimms & Zaumeyer, USDA FB 1986:
34,36,38-42, 1947.
i Parks & King, Ohio Ext. B. 76 rev.:
6-8, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:107-108, 1947.
i Stanley & Marcovitch, Tenn. C. 97,
4 p., 1947.
- BEAN INSECTS - INSECTICIDES**
Henney, Colo. R. 58:17, 1945.
Lange, Cal. C. 365:48-51, 1946.
Wylie & Wilson, Fla. R. f. 1945/46:
170; f. 1946/47:181.
- BEAN INSECTS - INSECTICIDES - DDT**
Armand, Can. Food Indus. 18(9):25,27,
1947.
Trullinger, USDA OES R. f. 1946/47:
13-14.
- BEAN INSECTS - RESISTANT BEANS**
Gui, Ohio B. 659:112-113, 1945.
- *BEAN LEAF BEETLE**, *see* **CERO-**
TOMA TRIFURCATA (Forst.)
- *BEAN LEAF ROLLER**, *see* **URBANUS**
PROTEUS (L.)
- BEAN LEAFHOPPER (HAWAII)**, *see*
EMPOASCA SOLANA DeLong
- BEAN LEAFHOPPER (U. S.)**, *see* **EM-**
POASCA FABAE (Harr.)
- BEAN LYCAENID**, *see* **STRYMON MEL-**
INUS (Hbn.)
- BEAN MAGGOT**, *see* **HYLEMYA CILI-**
CRURA (Rond.)
- *BEAN THRIPS**, *see* **HERCOTHRIPS**
FASCIATUS (Perg.)
- *BEAN WEEVIL**, *see* **ACANTHOSCELI-**
DES OBTECTUS (Say)
- *BED BUG**, *see* **CIMEX LECTULARIUS** L.
- BED BUGS**
Doner, Pests 13(7):5-7, 1945.
Knippling, USDA YB f. 1943/47:638-
639.
i Mallis, Handb. of Pest Control:192-
205, 1945.
- BEDBUGS**, *see also* **CIMEX** L.
- BEDBUGS - INSECTICIDES - DDT**
Stage, J. Ec. Ent. 40:761, 1947.
i U. S. War Dept. TB Med. 194(PB-
2436):12,18-20, 1945.
- BEDBUGS - REPELLENTS**
PiJoan et al., U. S. Nav. Med. Bul. 46:
1519, 1946.
- BEDELLIA ORCHILELLA** Wism. (**SWEET-**
POTATO LEAF MINER)*
Holdaway et al., Hawaii R. f. 1942/44:
65-66, 1945.
- BEDELLIA ORCHILELLA - PARASITES**
Fullaway, Hawaii Bd. Commrs. Agr. &
For. Bien. R. f. 1944/46:37.
Pemberton, Hawaiian Sugar Planters'
Assoc. P. 66, Expt. Sta. R. f. 1945/46:
22, 1947.
Smith, Kans. Bien. R. 13:65, 1946.
Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f. 1944/45:
19, 1946.
- BEE TREES**
i Eddy, N. Y. Zool. Soc. B. 48:141-145,
1945.
i McPherson, Can. Bee J. 55(9):6-7,
1947.
i Moot, Gleanings Bee Cult. 73:496-
497,524, 1945.
- *BEECH SCALE**, *see* **CRYPTOCOCCUS**
FAGI (Baer.)
- BEEES**
i Fullaway & Krauss, Common Insects
of Hawaii:167-172, 1945.
i Mallis, Handb. of Pest Control:318-
322, 1945.
- BEEES - POISONING - INSECTICIDES**
Wis. Agr. Expt. Sta., Some Insectic.
in Wis. in 1947:11-12, 1947. (Sp. C.)
- BEEES - POISONING - INSECTICIDES**,
see also **APIS MELLIFERA -**
POISONING - INSECTICIDES
- BEEES - POISONING - INSECTICIDES -**
DDT
Lieberman & Hare, USDA EPQ E-671:
1,4, 1946.
Linsley, Cal. C. 365:18-22, 1946.
b Linsley & MacSwain, J. Ec. Ent. 40:
358-363, 1947.
Mitchell, N. C. Res. & Farm. 4 (Prog.
R. 3):1-2,11, 1946.
Shaw, Can. Ent. 78:110, 1946.
- BEEES - SASKATCHEWAN (NORTHERN)**
Peck & Bolton, Sci. Agr. 26:388-418,
1946.
- BEEES - STINGS**
Fairchild & Fairchild, Cats:184, 1947.
- BEEES & POLLINATION**
Annand, USDA EPQ R. f. 1946/47:29.
b Linsley & MacSwain, J. Ec. Ent. 40:
349-357, 1947.
b Peck & Bolton, Sci. Agr. 26:388-418,
1946.
i Schwarz, Audubon Mag. 47:93-99,
1945.
Vansell, Beekeepers' Mag. 10(10):8-
11, 1947.
bi Vansell & Todd, Amer. Soc. Agron.
J. 38:470-488, 1946.
- BEEES & POLLINATION**, *see also* **APIS**
MELLIFERA & POLLINATION

BEES & POLLINATION - ALFALFA
 i Bohart, Utah Farm & Home Sci. 8(4): 13-14, 1947.
 b Carlson, Amer. Soc. Agron. J. 38: 504-514, 1946.
 Drake, Iowa Dept. Agr. YB 47:141-146, 150-151, 1947.
 Lieberman & Hare, USDA EPQ E-697:1,4, 1946.
 Linsley, Cal. C. 365:18-22, 1946.
 b Linsley, J. Ec. Ent. 39:18-28, 1946.
 Roberts & Sorenson, Utah Acad. Sci. Arts & Let. P. 24:143, 1947, (Abs.)
 i Vansell & Todd, Gleanings Bee Cult. 75:136-139, 183, 1947.
BEES & POLLINATION - CRANBERRIES
 Franklin, Mass. B. 441:29, 1947.
BEES & POLLINATION - DATURA
 i Thone, Sci. News Let. 50 154-155, 1946.
BEES & POLLINATION - FEIJOA
 Schroeder, Amer. Soc. Hort. Sci. P. 49 161-162, 1947.
BEES & POLLINATION - FRUIT
 Webster, Better Fruit 41(8):10-11, 1947.
BEES & POLLINATION - LEGUMES
 Park, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:70-72, 1947.
BEES & POLLINATION - ORCHIDS
 Swezey, Hawaiian Ent. Soc. P. 12 399-401, 1945.
BEES, SOLITARY & POLLINATION
 Webster, Wash. St. Hort. Assoc. P. 42:199-200, 1946.
BEE SWAX
 DeBoth, Mod. Household Encyclop. 22, 1946.
BEE SWAX - EQUIPMENT - CAPPING MELTER
 Bray, Gleanings Bee Cult. 75:532-533, 1947.
BEE SWAX - MARKETING
 Chem. & Drug Sect., Indus. Div., U. S. Bur. Foreign & Dom. Com. Indus. Ref. Serv. Pt. 12, 5(16):1-4, 1947.
 U. S. Dept. Com. Off. Dom. Com. Indus. Rpt. Chem. & Drugs, Dec. 1947: 25.
BEE SWAX - MELIPONIDAE
 b Schwarz, N. Y. Ent. Soc. J. 53:137-144, 1945.
BEE SWAX - MELTING POINT
 Copley, Amer. Pharm. Assoc. J. Sci. Ed. 34:166, 170, 1945.
BEE SWAX - PRODUCTION
 i Deyell, Gleanings Bee Cult. 73:190-191, 1945.
 Pugh, Saskatch. Dept. Agr. R. 40:108, 1945; 41:111, 1946.
 Root, Gleanings Bee Cult. 74:477, 518, 1946; 75:708-709, 757, 1947.
 Tontz, Gleanings Bee Cult. 73:414-415, 1945.
 Whitcomb, Gleanings Bee Cult. 74:198-202, 247, 1946.
 USDA BAE, Gleanings Bee Cult. 73: 102, 1945.
BEE SWAX - RENDERING
 i Baxter, Amer. Bee J. 86:432, 434, 1945.

BEE SWAX - RENDERING--Continued.
 Kent, West. Can. Beekeeper 8(6):12, 1945.
 Kinard, Amer. Bee J. 86:370, 1946.
 i Latham, Gleanings Bee Cult. 73:134, 181, 1945.
BEE SWAX - USES
 Bradac, Gleanings Bee Cult. 73:3, 33, 1945.
 DuBois, Amer. Bee J. 85:358-359, 1945.
 i Grout, Amer. Bee J. 86:408-409, 1946.
 Grout, Pa. Beekeeper 22(3):11-13, 1947.
 Lesser, Agr. Chem. 1(4):28, 1946.
 i MacMillan, Amer. Bee J. 87:477-478, 1947.
BEE SWAX - USES - THERAPEUTIC
 Acheson & Edmeades, Science 102:199-200, 1945.
 b Geiger & Goerner, N. Eng. J. Med. 235(9):285-288, 1946.
 b Hirsh et al., J. Lab. & Clin. Med. 32 (1):34-41, 1947.
 b Kirby et al., Amer. Med. Assoc. J. 129:940-944, 1945.
 b Kolmer et al., Science 104:315-317, 1946.
 b Nichols & Haunz, Mayo Clin. Proc. Staff Mtgs. 20:403-407, 1945.
 b Romansky & Rittman, N. Eng. J. Med. 233:577-582, 1945.
BEE SWAX - USES - THERAPEUTIC - NONANTIGENIC PROPERTY
 b Gay, J. Allergy 16:192-195, 1945.
***BEE TARMY WORM. see LAPHYGMA EXIGUA (Hbn.)**
BEE T INSECTS
 i Parks & King, Ohio Ext. B. 76 rev.: 9, 1947.
 Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:108, 1947.
***BEE T LEAFHOPPER, see CIRCULIFER TENELLUS (Baker)**
***BEE T WEBWORM, see LOXOSTEGE STICTICALIS (L.)**
BEE TLES, see COLEOPTERA
BEGONIA INSECTS
 Krauss, Begonias for Amer. Homes & Gard. 189-193, 1947.
BELLAMIRA SCALARIS (Say)
 i Knoll, Ohio Biol. Surv. B. 39:182, 1946.
BELOSTOMA - PREY - PRECIPITIN TEST
 Brooke & Proske, Natl. Malar. Soc. J. 5:51-55, 1946.
BEMBECIA MARGINATA (Harr.) (RASP-BERRY ROOT BORER)* (RASP-BERRY CROWN BORER)
 Arnason et al., Can. Ins. Pest Rev. 24:89, 1946.
 Callenbach, Mont. Ext. Ser. A-45, 1 p., 1945.
 Cannon, Can. Ins. Pest Rev. 25:99, 1947.
 Downes, Can. Ins. Pest Rev. 24:127, 1946.
 Keifer, Cal. Dept. Agr. B. 35:209, 1946.
 Martin, N. J. R. 67:49-50, 1947?
 i Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:17-18, 1946.

BEMBECEIA MARTINATA--Continued.

i Slate et al., N. Y. (G.) C. 153 rev.: 59-61, 1945.

i Slate et al., N. Y. (C.) Ext. B. 719: 62-63, 1947.

BEMBECINUS NANUS (Hndl.)

Shappirio, Ent. News 57:229-230, 1946.

Shappirio, Sci. Month. 64:350, 1947.

BEMBLIX CINEREA Hndl., **B. SIMILANS**

Fox

Fattig, Emory Univ. Mus. B. 4:5, 1946.

BEMBLIX SPINOLAE Lep.

Fattig, Emory Univ. Mus. B. 4:5, 1946.

Leaver, R. I. Dept. Agr. & Conserv. R. 11:41, 1946.

BENEFICIAL INSECTS, see **INSECTS** -

BENEFICIAL

BEPHRATA CUBENSIS Ashm. (**ANNONA SEED CHALCID**)

i Martorell, P. R. Univ. J. Agr. 29: 557-558, 1945.

i Osorio, Control de Plagas 8 [i.e. 7]: 92-96, 1945.

BEROTHIDAE - **EARLY STAGES**

bi Gurney, Psyche 54:145-169, 1947.

***BERTHA ARMYWORM**, see **MAMESTRA CONFIGURATA** Wlkr.**BESSA HARVEYI** (Towns.)

DeGryse, For. Ent. in Can. 4, 1947.

Gardiner, Can. Min. Agr. R. f. 1945/46: 74; f. 1946/47:93.

Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:18-22, 1947.

Lejeune, Can. Dept. Agr. Div. Ent.

For. Ins. Surv. R. f. 1945:49, 1946.

Lejeune, Can. Ent. 79:133, 1947.

McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 61, 1947.

Reeks, Can. Ins. Pest Rev. 24:26, 1946.

Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:7, 1945; f. 1945:9, 1946; f. 1946:9, 1947.

BESSA SELECTA (Meig.)

Briand, Quebec Soc. Protect. Plants 30:56-57, 1947.

bi Hawboldt, Can. Ent. 79:84-104, 1947.

BETHYLUS sp.

Baker & Doucette, Wash. B. 470:149, 1945.

BIBIJAGUA, see **ATTA INSULARIS****BIBIONIDAE** - **NEARCTIC**

nik Hardy, Kans. Univ. Sci. B. 30 Pt. 2:367-547, 1945.

BIBLE, **INSECTS OF**, see **INSECTS OF THE BIBLE****BI-COLORED COCKROACH**, see **PYC-NOSCELUS SURINAMENSIS****BIG SPRUCE WEEVIL**, see **HYPOMO-LYX PICEUS** Deg.**BIG-VEIN OF LETTUCE**, see under

GENERA MACROSIPHUM; MYZUS

BIGONICHETA SETIPENNIS (Fall.)

Knowlton, Utah Ext. N. S. C. 145:4, 1945.

Spencer, B. C. Ent. Soc. P. 43:8-9, 1947.

BIOLOGICAL CONTROL

Annand, USDA EPQ R. f. 1944/45:23-25; f. 1945/46:22-24; f. 1946/47:25-27.

BIOLOGICAL CONTROL--Continued.

Annand, J. Ec. Ent. 40:466, 1947.

Annand, Southeast. Cotton Ins. Control Conf. R. P. 1:6, 1947.

Beal & Massey, Duke Univ. School For. B. 10:39-40, 1945.

Bishopp & Stage, N. J. Mosq. Exterm. Assoc. P. 34:23-24, 1947.

Buchanan, Rocky Mountain Conf. Ent. R. 18:6-7, 1947.

Clausen, in Wilson, New Crops for the New World:161-177, 1945.

Connola et al., N. Y. (C.) B. 841:35, 1947.

i DeBach & Fleschner, Cal. Citrog. 33: 22-24, 1947.

DeBach & Fleschner, Cit. Leaves 27 (11):9,27, 1947.

Flanders, Cal. Citrog. 30:267-268,275, 1945.

b Gerberich, Amer. Mid. Nat. 36:87-131, 1946.

Jardine et al., USDA OES R. f. 1944/45: 54-55, 1946.

Martin, N. J. R. 66:50, 1946.

Martin, Pests 15(10):42, 1947.

Omer-Cooper & Glaholm, Cit. Leaves 26(5):10,28-30, 1946.

Parker et al., Man. for Cit. Grow. ed. 3:52-53, 1947.

i Smith, Cal. Citrog. 31:414-415,452-453, 1946, 32:494-495, 1947.

Smith et al., in Hutchison, Cal. Agr.: 249-255, 1946.

Steinhaus, Cal. Cult. 94:437, 1947.

Steinhaus, Cit. Leaves 27(7):10, 1947.

i Steinhaus, Pop. Mech. Mag. 8(2): 116-120, 1947.

Woglum & Smith, Cal. Citrog.32:413, 1947.

i Woodson,Frontiers 12:6-7,29,31, 1947.

BIOLOGICAL CONTROL - **CANADA**

Baird, Ent. Soc. Ont. R. 77:5-7, 1947.

Boyce, Quebec Soc. Protect. Plants R. 30:96-100, 1947.

Burnett, Quebec Soc. Protect. Plants R. 29:84-86, 1945?

b Fulton, B. C. Ent. Soc. P. 43:25-27, 1947.

Gardiner, Can. Min. Agr. R. f. 1944/45: 65-67; f. 1945/46:78-80; f. 1946/47: 89-90,92,96-98.

Lévesque, For. Québécoise 11:531-534, 1946.

Picard, Quebec Min. Lands & For. R. f. 1944/45:113, 1946.

Wilkes, Can. Ent. 78:82-86, 1946.

b Wishart, Ent. Soc. Ont. R. 77:35-37, 1947.

Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites, 83 p., 1947.

BIOLOGICAL CONTROL - **CUBA**

Osorio, Control de Plagas [Habana] 8: 60-62, 1946.

Scaramuzza, Inst. Cubano de Suelos y Abonos 5:839-845, 1946.

Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:534,536,538,540, 544,546-548,551,553, 1946.

BIOLOGICAL CONTROL - CUBA--Continued.

Scaramuzza & Fernández Pérez, Asoc. Téc. Azuc. Cuba P. 20:35-41, 1946.
b Scaramuzza et al., Asoc. Téc. Azuc. Cuba P. 21:1-6, 1947.

BIOLOGICAL CONTROL - HAWAII

Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1944/46:36-38, 43-45.

Zimmerman, Hawaiian Planters' Rec. 50:113-115, 1946.

BIOLOGICAL CONTROL - INTERNATIONAL COOPERATION

Clausen, in Wilson, New Crops for the New World:176-177, 1945.

BIOLOGICAL CONTROL - PAN AMERICAN COOPERATION

Barreda, Conf. Interamer. Agr. Com. Perm., Mexico 2(1942) Sec. 3A, 26 p., 1943.

BIOLOGICAL CONTROL & INSECT MICROBIOLOGY

Steinhaus, J. Ec. Ent. 38:591-596, 1945.

BIOLOGICAL CONTROL & TAXONOMY
b James, Quebec Soc. Protect. Plants R. 30:51-53, 1947.

BIOLOGICAL CONTROL OF WEEDS

Annand, USDA EPQ R. f. 1944/45:23, 1946; f. 1945/46:22, f. 1946/47:25.
Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1944/46:36.

Smith, Ent. Soc. Wash. P. 49:169-170, 1947.

BIOLOGICAL CONTROL OF WEEDS, see also WEEDS AS INSECT HOSTS

BIOLOGICAL LABORATORIES

Burns Compiling & Res. Organ., Directory of Biol. Lab., 120 p., Dec. 1946.

BIOLOGY - CANAL ZONE BIOLOGICAL AREA

Wetmore, Science 102:27, 1945.

BIOLOGY - STAINING MATERIALS

b Conn, Biol. Stains, ed. 5, 346 p., 1946.

***BIRCH CASEBEARER, see COLEOPHORA SALMANI Heintz.**

BIRCH INSECTS

Harrison, N. S. Dept. Lands & For. R. f. 1944:47, 1945.

BIRCH INSECTS & DIEBACK OF BIRCH

i Nash, Timber of Can. 6(11):61-65, 78, 1946.

Peterson & Nutting, Maine For. Serv. C. 6, 10 p., 1945.

***BIRCH LEAF MINER, see FENUSA PUSILLA (Lep.)**

BIRCH LEAF-MINING SAWFLY, see HETERARTHUS NEMORATA (Fall.)

BIRCH SAWFLY, see ARGE PECTORALIS (Leach)

***BIRCH SKELETONIZER, see BUCCULATRIX CANADENSISELLA Chamb**

BIRD-DROPPING SPIDER, see MASTOPHORA CORNIGERA (Hentz)

BIRD-NEST CARPET BEETLE, see ANTHRENUS LEPIDUS Lec.

***BIRD TICK, see HAEMAPHYSALIS CHORDEILIS (Pack.)**

BIRDS - FOOD OF, see BIRDS & INSECTS

BIRDS - PESTS

b Beaudette, N. J. Mosq. Exterm. Assoc. P. 33:31-36, 1946.

Edminster, Ruffed Grouse:245-250, 1947.

Shaw, Oreg. TB 11:6, 13, 1947.

Ussinger, Pan-Pac. Ent. 23:140, 1947.

BIRDS & INSECTS

Berry, J. Ec. Ent. 40:708-709, 1947.

Blackman, Nat. Hist. 54:298-299, 1945.

Bohart, Hilgardia 17:293, 1947.

Buchanan, Wash. B. 482:42, 1946.

Connell & Beacher, Del. B. 265:25, 27, 1947.

b Evans & Emlen, Condor 49:5-7, 9, 1947.

b Fitch, Condor 49:140-144, 148, 150, 1947.

Foxlee, B. C. Ent. Soc. P. 42:14, 1945.

b Kendeligh, Ont. Dept. Lands & For. Div. Res. Biol. B. 1:36-45, 96-97, 99, 1947.

Knowlton, J. Ec. Ent. 38:707, 1945.

Knowlton, Kans. Ent. Soc. J. 19:71-72, 1946.

Knowlton & Harmston, J. Ec. Ent. 39:384, 1946.

Knowlton et al., J. Ec. Ent. 39:547-548, 1946.

bi Mills, Mont. Ext. B. 229, 48 p., 1945.

i Teale, Audubon Mag. 49:322-331, 1947.

Underhill & Bodenstein, Va. TB 97, 18 p., 1946.

b Wright, Tenn. Acad. Sci. J. 21:63-64, 1946.

BIRDS & INSECTS - CROW

Leech, Can. Ent. 79:4, 1947.

Morisset, Quebec Soc. Protect. Plants R. 30:204-205, 1947.

BIRDS & INSECTS - DUCKS

Wright, Sci. News Let. 50:12, 1946.

BIRDS & INSECTS - GROUSE & QUAILS

Baumgartner, Tex. Acad. Sci. P. & Trans. 29:235, 237, 1946.

Edminster, Ruffed Grouse:107, 110, 146, 162-167, 170, 180, 1947.

BIRDS & INSECTS - GULLS & TERNS

McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:238, 1947.

Sheppard, Wilson B. 57:204, 1945.

BIRDS & INSECTS - HAWKS

Fitch et al., Condor 48:225-233, 236, 1946.

Stevenson & Meitzen, Wilson Bul. 58:201, 203, 1946.

BIRDS & INSECTS - HUMMINGBIRDS, MEXICAN

bi Wagner, Wilson Bul. 58:69-84, 90-91, 1946.

BIRDS & INSECTS - MARTIN, PURPLE

Riggs, Wilson Bul. 59:113, 1947.

BIRDS & INSECTS - PHEASANTS

bi Hiatt & Bergeson, Relat. of Pheasants to Agr.:14-15, 17-19, 22-29, 31-32, 43-44, 47, 50, 53, 57, 60-66, 69-72, 1946.

BIRDS & INSECTS - SAGE SPARROW

Knowlton & Nye, Kans. Ent. Soc. J. 19:139, 1946.

- BIRDS & INSECTS - WOODPECKERS**
Annand, USDA EPQ R. f. 1945/46:30, 1947.
- BISTON COGNATARIA** (Guen.) (PEPPER AND SALT MOTH)*
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:56, 1946.
Peterson, Can. Ins. Pest Rev. 24:113, 1946; 25:70, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:73, 1947.
- BITING HOUSE FLY**, see **STOMOXYS CALCITRANS** (L.)
- BLABERUS CRANIIFER** Burm. - MICROORGANISMS
Bures & Dunn, Science 101:336-337, 1945.
bi Wedberg & Clarke, J. Bact. 54:447-450, 1947.
- ***BLACK ARMY CUTWORM**, see **ACTE BIA FENNICA** (Tausch.)
- ***BLACK BLISTER BEETLE**, see **EPICAUTA PENNSYLVANICA** (Deg.)
- ***BLACK BLOW FLY**, see **PHORMIA REGINA** (Meig.)
- ***BLACK CARPENTER ANT**, see **CAMPONOTUS HERCULEANUS PENNSYLVANICUS** (Deg.)
- ***BLACK CARPET BEETLE**, see **ATTAGENUS PICEUS** (Oliv.)
- ***BLACK CHERRY APHID**, see **MYZUS CERASI** (F.)
- ***BLACK CHERRY FRUIT FLY**, see **RHAGOLETIS FAUSTA** (O.-S.)
- BLACK CHRYSANTHEMUM APHID**, see **MACROSIPHONIELLA SANBORNII** (Gill.)
- ***BLACK CITRUS APHID**, see **TOXOPTERA AURANTII** (Fonsc.)
- ***BLACK CUTWORM**, see **AGROTIS YPSILON** (Rott.)
- ***BLACK ELM BARK WEEVIL**, see **MAGDALIS BARBITA** (Say)
- BLACK FLOUR BEETLE**, see **TRIBOLIUM MADENS** (Charp.)
- ***BLACK GRAIN STEM SAWFLY**, see **CEPHUS TABIDUS** (F.)
- BLACK GRASS BUG**, see **IRBISIA SOLANI** (Heid.)
- ***BLACK-HEADED BUDWORM**, see **ACLERIS VARIANA** (Fern.)
- BLACK-HEADED FIR SAWFLY**, see **NEODIPRION ABIETIS** (Harr.)
- ***BLACK-HEADED FIREWORM**, see **RHOPOBOTA NAEVANA** (Hbn.)
- ***BLACK HILLS BEETLE**, see **DENDROCTONUS PONDEROSAE** Hopk.
- ***BLACK-HORNED TREE CRICKET**, see **OECANTHUS NIGRICORNIS NIGRICORNIS** Wlkr.
- ***BLACK HORSE FLY**, see **TABANUS ATRATUS** F.
- ***BLACK LARDER BEETLE**, see **DERMESTES ATER** Deg.
- BLACK-LEG OF POTATO**, see **HYLEMIA CILICRURA** & **BLACK-LEG OF POTATO**
- ***BLACK-LEGGED TICK**, see **IXODES RICINUS SCAPULARIS** Say
- ***BLACK-MARGINED APHID**, see **MONELLIA COSTALIS** (Fitch)
- ***BLACK PEACH APHID**, see **ANURAPHIS PERSICAE-NIGER** (Smith)
- ***BLACK PECAN APHID**, see **MELANOCALLIS CARYAEFOLIAE** (Davis)
- BLACK SAWYER**, see **MONOCHAMUS SCUTELLATUS** (Say)
- ***BLACK SCALE**, see **SAISSETIA OLEAE** (Bern.)
- ***BLACK SWALLOWTAIL**, see **PAPILIO AJAX** L.
- ***BLACK THREAD SCALE**, see **ISCHNAPIS LONGIROSTRIS** (Sign.)
- ***BLACK TURPENTINE BEETLE**, see **DENDROCTONUS TEREBRANS** (Oliv.)
- ***BLACK VINE WEEVIL**, see **BRACHYRHINUS SULCATUS** (F.)
- ***BLACK WIDOW SPIDER**, see **LATRODECTUS MACTANS** (F.)
- BLACK WILLOW APHID**, see **CLAVIGERUS SMITHIAE** (Monell)
- BLACKBERRY LEAF MINER**, see **METALLUS RUBI** Forbes
- BLACKBERRY INSECTS**
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:10-19, 1946.
i Thompson, Ont. Dept. Agr. B. 355 rev.:28-33, 1947.
- ***BLACKBERRY LEAF MITE**, see **PHYLOCOPTES GRACILIS** (Nal.)
- BLACKBERRY MITE**, see **ERIOPHYTES ESSI** Hassan
- BLACKFLIES**, see **SIMULIIDAE**
- BLACKHEART OF CELERY**, see **LYGUS CAMPESTRIS** & **BLACKHEART OF CELERY**
- BLAPSTINUS** Dej.
Harned, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:16, 1946.
Konkright & Lange, Cal. C. 365:33-34, 1946.
i Lange, Spreckels Sugar Beet Bul. 11:4, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:21.
Parker, Ariz. St. Ent. R. f. 1946/47:26.
i Vorhies & Wehrle, Ariz. B. 203:17-18, 1946.
- BLAPSTINUS** sp. - SOIL TREATMENT
Roberts, J. Ec. Ent. 40:571-572, 1947.
- BLAPSTINUS AURIPILIS** Horn
Loftin, USDA EPQ E-657:6, 1945.
- BLAPSTINUS DILATATUS** Lec.
Jensen, Hawaiian Ent. Soc. P. 12:465, 1946.
- BLAPSTINUS RUFIPES** Casey
Condit, Fig:185, 1947.
Donohoe, Pests 14(10):16, 1946.
- BLASTOPHAGA PSENES** (L.) (FIG WASP)
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:68, 1947.
- BLASTOPHAGA PSENES & POLLINATION OF FIGS**
bi Condit, Fig:42-48, 1947.
Condit & Flanders, Science 102:128-130, 1945.
Simmons et al., Cal. Dept. Agr. B. 36:115-121, 1947.

- BLASTOTHRIX LONGIPENNIS** How. -
EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:67-68, 1947.
- BLASTOTHRIX SERICEA** (Dalm.) -
EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:68-69, 1947.
- BLATTA ORIENTALIS** L. (ORIENTAL COCKROACH)*
Arnason, Can. Ins. Pest Rev. 25:119, 1947.
Arnason et al., Can. Ins. Pest Rev. 24:90, 1946.
i Cotton et al., USDA C. 720:19, 1945.
McDaniel, J. Milk Technol. 8:340-341, 1945.
i Rehn, Sci. Month. 61:266-268, 1945.
- BLATTA ORIENTALIS** - BACTERIODS, INTRACELLULAR
b Gier, J. Bact. 53:174-189, 1947.
- BLATTA ORIENTALIS** - BIONOMICS
Gould & Deay, Pest Control & Sanit. 1(9):12-13, 1946.
- BLATTA ORIENTALIS** - FOOD PREFERENCES
Rau, Ent. News 56:276-278, 1945.
- BLATTA ORIENTALIS** - INSECTICIDES
Gould, Ind. R. 58:56, 1945.
Gould, Milk Plant Month. 35(7):54-55, 1946.
Henderson, Soap & Sanit. Chem. 22 (11):123, 1946.
Henderson, USDA EPQ E-701.7, 1946.
- BLATTA ORIENTALIS** - INSECTICIDES - DOSAGE & SURVIVAL
b Munson & Yeager, J. Ec. Ent. 38 634-642, 1945.
b Yeager & Munson, Ent. Soc. Amer. Ann. 38:561-600, 1945, 39:145-151, 1946.
- BLATTA ORIENTALIS** - REPELLENTS
bi Hazard, Soap & Sanit. Chem. 21(4): 131,133,135,157, 1945.
bi Sweetman et al., Soap & Sanit. Chem. 21(3):104-107,127,129,131, 1945.
- BLATTA ORIENTALIS** - SEROLOGICAL RELATIONSHIPS
Leone, Ent. Soc. Amer. Ann. 40:418-419,421-423,431, 1947.
- BLATTARIA**, see **BLATTIDAE**
- BLATTELLA GERMANICA** (L.) (GERMAN COCKROACH)*
Arnason et al., Can. Ins. Pest Rev. 24:90, 1946; 25:119-120, 1947.
Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.
McDaniel, J. Milk Technol. 8:340-341, 1945.
Mitchener, Manitoba Dept. Agr. & Im-migr. Pub. 213:1-3, 1947.
i Ostrolenk & Kramer, Baker's Digest 21:63, 1947.
i Rehn, Sci. Month. 61:268-269, 1945.
i Thompson, Can. Dairy & Ice Cream J. 25(5):28-29, 1946.
Thompson, Can. Ins. Pest Rev. 24:44, 1946.
Wagner, Macaroni J. 29(3):46-47,1947.
- BLATTELLA GERMANICA** - Continued.
Wressell, Can. Ins. Pest Rev. 24:59, 1946.
- BLATTELLA GERMANICA** - BIONOMICS
Gould & Deay, Pest Control & Sanit. 1(9):12-13,15, 1946.
- BLATTELLA GERMANICA** - DUSTS
Dewey, Cornell Univ. Abs. Theses f. 1944:152-154, 1945.
Dutsch & Smith, La. R. f. 1944/45:65, 1946.
Fisher & Stanley, J. Ec. Ent. 38:125-126, 1945.
McGovran & Piquett, Soap & Sanit. Chem. 22(8):157,159,181, 1946.
Schwitzgebel, Soap & Sanit. Chem. 22 (5):131-133, 1946.
- BLATTELLA GERMANICA** - INSECTI-CIDES
Annand, USDA EPQ R. f. 1945/46:10, 12.
Dews & Morrill, J. Ec. Ent. 39:352-353, 1946.
b Gould, Soap & Sanit. Chem. 21 113-115,121, 1945.
Gould, Milk Plant Month. 35(7):54-55, 1946.
Gould, Ind. R. 58 56, 1945, 60 72, 1947.
Gould, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:42, 1947.
b Knippling, Pests 15(2):10,12,14, 1947.
Richardson, Pests 15(9):22, 1947.
Srivastava & Wilson, J. Ec. Ent. 40 569-571, 1947.
Stearns, Soap & Sanit. Chem. 23(1) 118-119,141, 1947.
- BLATTELLA GERMANICA** - INSECTI-CIDES - DDT
Henderson, Soap & Sanit. Chem. 22(11) 121-123, 1946.
Henderson, USDA EPQ E-701.1-6, 1946.
b Picard, Essential Struct. Features of DDT....2-7, 1947. (Abs.)
b Stenburgh, U. S. Pub. Health Rpts. 62. 669-677,679-681, 1947.
U. S. Army Med. Dept. Bul. 89:16-17, 1945.
- BLATTELLA GERMANICA** - FUMIGANTS
i Parker, Food Indus. 18:334-335, 1946.
- BLATTELLA GERMANICA** - MOLTS
Fournier & Philip (Brother), Assoc. Can.-Franç. Avanc. Sci. Ann. 13:95, 1947. (Abs.)
bi Philip (Brother) & Fournier, Ent. Soc. Ont. R. 77:10-13, 1947.
b Philip (Brother) & Fournier, Quebec Soc. Protect. Plants R. 30:105-108, 1947.
- BLATTELLA GERMANICA** - NYMPHS - HATCHING
i Gould, Pests 13(4).14, 1945.
- BLATTELLA GERMANICA** - PARASITES
Van Zwailenburg, Hawaiian Planters' Rec. 50:16, 1946.
Williams, Hawaiian Ent. Soc. P. 12. 485, 1946.
- BLATTELLA GERMANICA** - POISON BAIT
Bare, J. Ec. Ent. 38:407, 1945.
Bare, Neb. R. 58:62-63, 1945.

- BLATTELLA GERMANICA - POISON BAIT**--Continued.
Marcovitch & Stanley, Tenn. R. 58: 109-113, 1946.
- BLATTELLA GERMANICA - REARING**
Bottimer, Soap & Sanit. Chem. 21(12): 151,153,155, 1945.
- BLATTELLA GERMANICA - REPELLENTS**
bi Hazard, Soap & Sanit. Chem. 21(4): 129,131,133,135,157, 1945.
bi Sweetman et al., Soap & Sanit. Chem. 21(3).104-107,127,129,131, 1945.
- BLATTELLA GERMANICA - SEROLOGICAL RELATIONSHIPS**
Leone, Ent. Soc. Amer. Ann. 40:418-419,421-428,430-433, 1947.
- BLATTELLA GERMANICA - SPRAYS**
Campbell et al., Soap & Sanit. Chem. 22(7):145,147,148E,148G, 1946.
Edwards Chem. Corp., H-4 Emulsion Concentrate:2, 1947.
Hazard, Soap & Sanit. Chem. 21(12): 159,167, 1945.
i Parker & Beacher, Del. B. 264:14, 1947.
- BLATTELLA GERMANICA - SPRAYS - DDT**
Dove, USDA EPQ E-673:13, 1945.
- BLATTELLA GERMANICA - TARSIS**
bi Hayes & Liu, Ent. Soc. Amer. Ann. 40:411-414, 1947.
- BLATTELLA GERMANICA & TEMPERATURE**
Morisset, Assoc. Can.-Franç. Avanc. Sci. Ann. 12:88-89, 1946. (Abs.)
- BLATTELLA LITURICOLLIS (Wlkr.)**
Zimmerman, Hawaiian Ent. Soc. P. 13:18, 1947.
- BLATTELLA VAGA** Heb.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.
- BLATTIDAE - QUEBEC**
k Chagnon, Can. Ent. 79:57-58, 1947.
Chagnon, Quebec Soc. Protect. Plants R. 30:129-130, 1947.
- BLATTIOSOCIUS KEEGANI** Fox
ni Fox, Ent. Soc. Amer. Ann. 40:599, 601, 1947.
- BLENNOCAMPA RUBI (Harr.)**, see **MONOPHADNOIDES GENICULATUS** (Htg.)
- BLEPHAROMASTIX EBULEALIS (Guen.)**
Martorell, P. R. Univ. J. Agr. 29:523, 1945.
- BLISSUS** sp.
Keifer, Cal. Dept. Agr. B. 34:187,1945.
- BLISSUS HIRTUS** Montd. (**HAIRY CHINCH BUG**)*
Filmer & Smith, Golfdom 19(8):9,1945.
Filmer & Smith, Greenkeepers' Rptr. 13(4):24, 1945.
Filmer & Smith, J. Ec. Ent. 39:309-313, 1946.
Trullinger et al., USDA OES R. f. 1945/46:111, 1947.
- BLISSUS LEUCOPTERUS (Say) (CHINCH BUG)***
Annand, USDA EPQ R. f. 1943/44:44; f. 1944/45:12,21,32,40-41; f. 1945/46: 37; f. 1946/47:9,41.
- BLISSUS LEUCOPTERUS**--Continued.
Davis, Ind. Acad. Sci. P. 56:148,1947?
i Decker et al., Ill. Ext. C. 590:16 p., 1945.
Jennings, R. I. Misc. Pub. 26:12-13, 1945.
i Lincoln & Miner, Ark. Ext. C. 437: 4-6, 1945.
Stirrett, Can. Ins. Pest Rev. 25:19, 1947.
Stuckey, Ga. R. 57:67, 1945.
i Wakeland, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:4, 1946.
USDA Soil Conserv. Serv. Upper Miss. Region Biol. Handb. ed. 2:73-74, 1945.
- BLISSUS LEUCOPTERUS - BARRIERS**
i Decker et al., Ill. Ext. C. 590:3-14, 1945.
i Haseman, Mo. Ext. C. 275 rev.:2-4, 1945.
Jardine et al., USDA OES R. f. 1943/44: 48, 1945.
Tate & Bare, Neb. R. 58:56-57, 1945.
Walton, J. Ec. Ent. 38:713-714, 1945, 40:393-395, 1947.
- BLISSUS LEUCOPTERUS - BARRIERS - DDT**
i Luginbill & Benton, J. Ec. Ent. 38: 283, 1945.
- BLISSUS LEUCOPTERUS - CONTROL, SUMMER**
Haseman, Mo. Ext. C. 275 rev.:4 p., 1945.
- BLISSUS LEUCOPTERUS - INSECTICIDES**
Ahlgren, N. J. B. 724:25, 1946.
Baker, USDA YB f. 1943/47:652-653.
Jardine et al., USDA OES R. f. 1944/45: 51, 1946.
Martin, N. J. R. 67:61, 1947?
Tate & Gates, J. Ec. Ent. 38:391, 1945.
Tate & Gates, Neb. R. 59:57-58, 1946.
Tate et al., Neb. R. 58:60, 1945.
- BLISSUS LEUCOPTERUS - INSECTICIDES - DDT**
i Johnson & Quackenbush, Flower Grow. 34:498,515-517, 1947.
Packard, USDA EPQ E-640:2, 1945.
Westcott, Sun-up 1(9):24, 1947.
- BLISSUS LEUCOPTERUS - IOWA**
Drake, Iowa Dept. Agr. YB 45:87, 1945; 46:168, 1946.
Drake & Harris, Iowa R. f. 1944/45 pt. 2:64; f. 1945/46 pt. 2:54; f. 1946/47 pt. 2:352.
Drake et al., Iowa Dept. Agr. YB 47: 114, 1947.
- BLISSUS LEUCOPTERUS - KANSAS**
Bryson, Kans. Bien. R. 13:63, 1946.
Dean et al., Kans. Ent. Soc. J. 18:95, 1945.
Smith et al., Kans. Ent. Soc. J. 19:46, 1946; 20:50,58, 1947.
- BLISSUS LEUCOPTERUS - LAWNS**
i Ahlgren, N. J. B. 724:25, 1946.
Knutson, R. I. Dept. Agr. & Conserv. R. 12:55, 1947.
- BLISSUS LEUCOPTERUS - MISSOURI**
Haseman, Mo. B. 490:56-57, 1945; 491:19, 1945; B. 510:32, 1947.

BLISSUS LEUCOPTERUS - NEBRASKA

Bare et al., Neb. R. 60:54, 1947.
i Muma, Neb. Ext. C. 1537:10-12, 1946.

Quisenberry & Webster, Neb. St. Bd. Agr. R. f. 1945:210.

BLISSUS LEUCOPTERUS - OUTBREAKS

Drake, in Iowa St. Col. & Iowa Agr. Expt. Sta., Cent. of Farm. in Iowa 1846-1946:82-85, 1946.

USDA EPQ, Cargill Crop B. 20(10):11, 1945.

BLISSUS LEUCOPTERUS - REPEL-LENTS

Brett, J. Ec. Ent. 39:810, 1946.

BLISSUS LEUCOPTERUS - RESISTANT CROPS

Annand, USDA EPQ R. f. 1943/44:9.

b Dahms, J. Ec. Ent. 40:841-845, 1947.

BLISSUS LEUCOPTERUS - SURVEYS

Annand, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:35-36, 1946.

Wakeland, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:85, 1946.

BLISSUS LEUCOPTERUS & PLANT NUTRITION

b Dahms, J. Ec. Ent. 40:841-845, 1947.

Haseman, J. Ec. Ent. 39:9-10, 1946.

i Haseman, in Succ. Farm., That Soil of Yours:42-43, 1947.

BLISSUS LEUCOPTERUS & WEATHER

Annand, USDA EPQ R. f. 1944/45:40-41.

BLISSUS OCCIDUUS Barber (WESTERN CHINCH BUG)*

Bird & Mitchener, Can. Ins. Pest Rev. 25:21, 1947.

BLISTER BEETLES

i Bare, Neb. Ext. C. 1516 rev., 2 p., 1945.

Buckell, Can. Ins. Pest Rev. 24:115, 1946.

Buckell et al., Can. Ins. Pest Rev. 25:2-3, 1947.

Gardiner, Can. Min. Agr. R. f. 1946/47:94.

i Lincoln & Miner, Ark. Ext. C. 437:14-15, 1945.

Price, Ky. Ext. C. 435:5-6, 1947.

Smith et al., Kans. Ent. Soc. J. 20:49, 58, 1947.

i Vorhies & Wehrle, Ariz. B. 203:13-14, 1946.

i Westcott, Home Gard. 5(3):46-47, 1945.

BLISTER BEETLES, see also MELOIDAE

BLISTER BEETLES - INSECTICIDES

Hill, Neb. Res. B. 138:12, 1945.

Howard & Rich, R. I. Misc. Pub. 29:3, 1946.

i Lehker, Ind. Ext. B. 239 rev.:8, 1947.

Sherwood & Bishop, W. Va. Ext. C. 325 rev.:14, 1945.

BLISTER BEETLES - POTATOES

i Shull & Manis, Ida. Ext. B. 150:8-9, 1945.

Werner, Neb. B. 384:75-76, 1947.

***BLOODSUCKING CONENOSE, see TRIATOMA SANGUISUGA (Lec.)**

BLOSSOM ANOMALA, see ANOMALA UNDULATA Melsh.

BLOWFLIES

Baker, Mangt. & Feeding of Sheep:215-216, 1947.

Davis, Ind. Ext. B. 105 rev.:8, 1945.

Kammlade, Ill. Ext. C. 534 rev.:35, 1946.

i Shepard, Pests 14(11):12, 1946.

Strickland, Bklyn. Ent. Soc. B. 40:57-59, 1945.

b Telford & Guthrie, Agr. Chem. 1(3):30, 1946.

BLOWFLIES - REARING

Frings, Science 105:482, 1947.

BLOWFLIES & ANIMAL DISEASE

Holdaway, Hawaiian Acad. Sci. P. 17/8:17, 1945. (Abs.)

***BLUE CACTUS BORER, see MELITARA DENTATA (Grote)**

BLUE ELM LEAF BEETLE, see ALTICA ULMI Woods

BLUE LOUSE, see LINOGNATHUS STE-NOPSIS (Burm.)

BLUE SHARPSHOOTER, see HORDNIA CIRCELLATA (Baker)

BLUE SPRUCE GALL APHID, see CHERMES COOLEYI Gill.

***BLUEBERRY BUD MITE, see ACERIA VACCINII (Keif.)**

BLUEBERRY BUDWORM, see RHYNCHAGROTIS ANCHOCLOIDES (Guen.)

BLUEBERRY FLEA BEETLE, see ALTICA SYLVIA Mall.

BLUEBERRY FRUIT FLY, see RHAGOLETIS POMONELLA (Walsh)

BLUEBERRY INSECTS

i Bailey, Mass. Ext. Leaf. 240:6-7, 1947.

Beckwith, N. J. Dept. Agr. C. 356:43-50, 1945.

i Beckwith, USDA FB 1951 rev.:34-38, 1946.

Hawkins & Lathrop, Maine B. 442:280-282, 1946.

i Lathrop & Hawkins, Maine B. 438:652-653, 1945.

Lathrop & Wyman, Maine Ext. C. 213, 8 p., 1945.

Lathrop et al., Maine Ext. C. 223:6 p., 1946.

BLUEBERRY INSECTS & STUNT DISEASE

Tomlinson, Cranberries 10(12):11, 1946.

BLUEBERRY LEAF MINER, see METAL-LUS ROHWERI MacG.

***BLUEBERRY MAGGOT, see RHAGOLETIS POMONELLA (Walsh)**

BLUEBERRY STEM BORER, see OBEBERA MYOPS Hald.

BLUEBERRY THRIPS, see FRANKLINIELLA VACCINII Morg.

BLUEGRASS INSECTS

Blackburn, Ohio B. 659:160, 1945.

***BLUEGRASS WEBWORM, see CRAMBUS TETERRELLUS (Zinck.)**

***BLUNT-NOSED CRANBERRY LEAF-HOPPER, see SCLERORACUS VACCINII (Van D.)**

BOBWHITE - INSECT FOOD, see BIRDS & INSECTS - GROUSE & QUAILS

***BODY LOUSE, see PEDICULUS HUMANUS CORPORIS Deg.**

- BOG ANT, see MYRMICA BREVINODIS BREVINODIS Emery
- BOISDUVAL'S SCALE, see DIASPIIS BOISDUVALI Sign.
- BOLBOTHRIPI, B. AZTECUS
n Crawford, Ent. Soc. Wash. P. 47:92-94, 1945.
- BOLITOPHAGUS CORTICOLA Say - PUPAE
i Daggy, Ind. Acad. Sci. P. 56:254-255, 1947?
- BOLITOTHERUS BIFURCUS (F.) - HABITS & BEHAVIOR - DEATH FEINTS
Weiss, N. Y. Ent. Soc. J. 55:277-279, 1947.
- BOLITOTHERUS CORNUTUS (Panz.) PUPAE
i Daggy, Ind. Acad. Sci. P. 56:254, 1947?
- *BOLL WEEVIL, see ANTHONOMUS GRANDIS Boh.
- *BOLLWORM, see HELIOTHIS ARMIGERA (Hbn.)
- BOMBOMIMA GROSSA (F.)
Bromley, Bklyn. Ent. Soc. B. 40:44-47, 1945.
Fattig, Emory Univ. Mus. B. No. 4:5, 1946.
- BOMBUS Latr.
i Headstrom, Horticulture 24:165-166, 1946.
Peck & Bolton, Sci. Agr. 26:399-402, 405-407, 1946.
- BOMBUS - FLIGHT
Marshall, Collier's 116(1):34, 1945.
- BOMBUS & POLLINATION - ALFALFA
Linsley, J. Ec. Ent. 39:27-28, 1946.
Parker, Kans. Bien. R. 13:43, 1946.
- BOMBUS & POLLINATION - CLOVER, RED
b McAtee, Sci. Month. 65:241-242, 1947.
- BOMBUS MIXTUS Cress.
Leech, Can. Ent. 79:134, 1947.
- BOMBYX MORI (L.) (SILKWORM)*
Bakes, Can. Business 21 [i.e. 20](2):66, 68, 1947.
Essig, Cal. C. 363, 15 p., 1945.
MacNay, Can. Dept. Agr. Div. Ent. Processed Pub. 55:2, 1946.
Mims, Natl. Farm Chemurg. Council, Chemurg. Papers 381, 4 p., 1945.
i Roberts, Silk Cult. in Amer.:29-51, 55-56, 69-77, 1945.
- BOMBYX MORI, see also SERICULTURE
- BOMBYX MORI - EGGS, CENTRIFUGED
bi Tirelli, Physiol. Zool. 19:346-354, 1946.
- BOMBYX MORI - MUTATIONS
bi Tirelli, J. Hered. 37:377-383, 1946.
- BOMBYX MORI - NERVOUS SYSTEM
bi McIndoo, J. Compar. Neurol. 83:149, 1945.
- BOMBYX MORI - REARING
Boyer, Okla. Acad. Sci. Proc. 25:21, 1945.
i Essig, Cal. C. 363:4-8, 1945.
Fletcher, Ward's Nat. Sci. B. 19:11-13, 1945.
i Life 19(15):123-124, 126, 129, 1945.
U. S. Dept. Com. Foreign Com. Wkly. 21(7):10-11, 1945.
- BOMBYX MORI AS FOOD
Hoffmann, Ent. Soc. Wash. P. 49:234, 1947.
- BONNETIA COMTA (Fall.)
Tissot, Fla. R. f. 1944/45:64.
- *BOOKLOUSE, see LIPOSCHELIS DIVINATORIUS (Müll.)
- BOOPEDON NUBILUM (Say)
Lauderdale, Ariz. St. Ent. R. f. 1945/46:21.
- BOOPHILUS Curtice
bi Cooley, U. S. Natl. Mus. Inst. Health B. 187:3-22, 1946.
- BOOPHILUS ANNULATUS (Say) (CATTLE TICK)*
Archer, Ala. Conserv. 18(6):8, 1946.
Archer, Miss. Doctor 25:177, 1947.
bi Cooley, U. S. Natl. Inst. Health B. 187:11-16, 1946.
Lyle, Shorthorn World 29(19):20, 1945.
Maas & Abraham, P. R. Agr. & Com. Inform. f. 1945/46:49-50, 144, 1947.
Simms, USDA BAI R. f. 1945/46:43-44, 56-57; f. 1946/47:52-53.
- BOOPHILUS ANNULATUS - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:9.
Bressman, Science 102(2642):10, 1945.
Cobbett, Amer. J. Vet. Res. 8:280-283, 1947.
b Roark, USDA EPQ E-655:4, 1945.
Squibb, Coastal Cattle. 11(8):23-24, 1945.
- BOOPHILUS ANNULATUS - ERADICATION
Lyle, J. Ec. Ent. 40:2, 1947.
Simms, USDA BAI R. f. 1946/47:76.
- BOOPHILUS ANNULATUS - FLORIDA
Vara, Vet. Med. 42:143, 1947.
- BOOPHILUS ANNULATUS & ANIMAL DISEASE
Miller, Cornell Vet. 37:121, 123, 126, 1947.
- BOOPHILUS ANNULATUS & BRUCELLOSIS
b Tovar, Amer. J. Vet. Res. 8:138-140, 1947.
- BOOPHILUS ANNULATUS & CATTLE TICK FEVER
i Curran, Nat. Hist. 54:213-215, 1945.
Flower, La. Comnr. Agr. & Immigr. Bien. R. 32:16-23, 1946.
Gregory, Ala. Ext. Handb. Ala. Agr. ed. 4:181, 1947.
Rickard, Westerner 9(9):70, 72-73, 1946.
Shope, Pa. Univ. B. 48(3) (School Vet. Med. Vet. Ext. Quart. 108):5-6, 1947.
- BOOPHILUS ANNULATUS & Q FEVER
Cheney, Cal. Med. 66:282, 1947.
- BOOPHILUS ANNULATUS MICROPLUS (Can.), see BOOPHILUS MICROPLUS (Can.)
- BOOPHILUS AUSTRALIS Full., see BOOPHILUS MICROPLUS (Can.)
- BOOPHILUS MICROPLUS (Can.) (TROPICAL CATTLE TICK)
bi Cooley, U. S. Natl. Inst. Health B. 187:17-22, 1946.
Simms, USDA BAI R. f. 1945/46:56-57; f. 1946/47:76.
Squibb, Coastal Cattle, 11(8):23-24, 1945.

BOOPHILUS MICROPLUS--Continued.

Squibb, J. Anim. Sci. 4:291,293-296, 1945; 5:71-79, 1946.

i Squibb, USDA OFAR Agr. in the Amers. 6:12-14, 1946.

BOOPHILUS MICROPLUS - FLORIDA

i Knapp, Fla. Cattlem. 10(5):10-11,16, 1946.

BOOPHILUS MICROPLUS - PUERTO RICO

Miller, USDA BAI R. f. 1944/45.42.

BOOPHILUS MICROPLUS & CATTLE TICK FEVER

Simms, USDA BAI R. f. 1945/46:57.

BOPIA GRANDIS Piaget

Imes et al., USDA Leaf. 13 rev.:2, 1946.

BORERS

Filmer, Home Gard. [N. Y.] 6(3):91-95, 1945.

Lincoln, Ark. Ext. C. 439,8 p., 1946. (Repr.)

Smith et al., Kans. Ent. Soc. J. 20:49, 1947.

BORERS, TREE

French, Gard. Gossip 21(4):7, 1946.

Graham, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:55, 1946.

i Musser et al., S. C. Ext. C. 301 31-32, 1947.

Wolfe et al., Fla. Ext. B. 129:90, 1946.

BORINQUOLAELAPS Fox, **B. CORONATUS**, R. DENTATUS

ni Fox, J. Parasit. 32:450-451, 1946.

BORINQUOLAELAPS MARIPOSUS Fox

n Fox, J. Parasit. 32:450, 1946.

BORINQUOLAELAPS SETULUS Fox

ni Fox, Ent. Soc. Amer. Ann. 40:599, 601, 1947.

BOSTRICHUS CAPUCINUS (L.)

Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No.1):7.

BOT FLIES, see CUTEREBRIDAE, GASTEROPHILUS, OESTRIDAE.

BOTHRIOCERA VENOSA Fowler

Martorell, P. R. Univ. J. Agr. 29:373, 1945.

BOTHRIOCYRTUM CALIFORNICUM (Cambr.)

i Van Riper, Nat. Hist. 55:70-71, 1946.

BOTHRIOTHORAX NIGRIPES How. -

EGGS & LARVAE

i Maple, Cal. Univ. Pub. Ent. 8:70, 1947.

BOTTLING PLANTS - PEST CONTROL - DDT

b Medbery, Fruit Prod. J. & Amer. Food Mfr. 25:112-115,118,122; Natl. Bottlers' Gaz. 64:70,72-74,76, 1945.

BOUND WATER IN INSECTS, see INSECTS - BOUND WATER

BOURLETIELLA HORTENSIS (Fitch) (GARDEN SPRINGTAIL)*

Oldroyd, Alaska R. 10:55, 1947.

BOVICOLA BOVIS (L.) (CATTLE BITING LOUSE)* (RED LOUSE OF CATTLE)

i Imes et al., USDA FB 909 rev.:4, 1947.

i Matthyse, N. Y. (C.) B. 832:3-9,11-27,30,35,37-38,43-47,53-54,59-62, 65, 1946.

BOVICOLA BOVIS--Continued.

i Morrison, Macdonald Col. J. 6(5) 4, 1946.

Tate, Neb. St. Bd. Agr. R. f. 1945:490-492.

Ward, Bios 18 38, 1947.

BOVICOLA BOVIS - INSECTICIDES

Dorman, Miss. R. 58:24, 1946?

b Furman, J. Ec. Ent. 40:672-675, 1947.

Matthyse, Holstein Friesian World 42 20, 1945.

Telford, J. Ec. Ent. 40:920, 1947.

BOVICOLA BOVIS - INSECTICIDES - DDT

Knapp & Aanestad, N. Dak. Bimo. B. 9 119, 1947.

Lyle & Strong, J. Ec. Ent. 38 611-612, 1945.

Munro, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:36, 1947.

Munro & Knapp, N. Dak. Bimo. B. 7(4). 21, 1945.

Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:7-8, 1947.

BOVICOLA CAPRAE (Gurli) (GOAT BITING LOUSE)* (RED LOUSE OF GOATS)

Imes, Dairy Goat J. 25(6) 6-8, 1947.

i Imes et al., USDA Leaf. 13 rev.:8 p., 1946.

Parish & Rude, J. Ec. Ent. 38 612-613, 1945.

i Rude, Better Goatkeeping 2 476-477, 1947.

BOVICOLA EQUI (L.) (HORSE BITING LOUSE)*

Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:8, 1947.

BOVICOLA LIMBATAS (Gerv.) (ANGORA GOAT BITING LOUSE)*

Brown, J. Ec. Ent. 40:605, 1947.

Imes, Dairy Goat J. 25(6):7-8, 1947.

Imes et al., USDA Leaf. 13 rev.:8 p., 1946.

U. S. Navy BUMED News Let. 8(8) 7, 1946.

BOVICOLA OVIS (L.) (SHEEP BITING LOUSE)*

i Hall et al., USDA FB 1330 rev. 3-5, 1946.

i Imes et al., USDA Leaf. 13 rev.:8 p., 1946.

MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:330, 1945.

Parish & Rude, J. Ec. Ent. 39:546, 1946.

Schwardt & Matthyse, N. Y. (G.) Farm Res. 11(2):11-12, 1945.

Stuckey, Ga. R. 57,p.36, 1945; 58:48-49, 1946.

BOVICOLA PEREGRINA Mjdb., see BOPIA GRANDIS Piaget

*BOXELDER APHID, see PERIPHYLLUS NEGUNDINIS (Thos.)

*BOXELDER BUG, see LEPTOCORIS TRIVITTATUS (Say)

BOXELDER LEAF GALL, see CONTARINIA NEGUNDIFOLIA Felt

*BOXELDER LEAF ROLLER, see GRACILARIA NEGUNDELLA Chamb.

- *BOXELDER TWIG BORER, see PROTEOTERAS WILLINGANA (Kearf.)
- BOXWOOD INSECTS**
 Pyenson, J. Ec. Ent. 39:264, 1946.
 i Weiss & St. George, USDA FB 1855 rev.:15-17, 1947.
- *BOXWOOD LEAF MINER, see MONARTHROPALPUS BUXI Laboulb.
- BOXWOOD MITE**, see PARATETRANYCHUS YOTHERSI McG.
- *BOXWOOD PSYLLID, see PSYLLA BUXI (L.)
- BRACHINUS** sp.
 i Headstrom, Horticulture 23:260, 1945.
- BRACHYACANTHA ALBIFRONS** (Say)
 Pletsch, Mont. B. 446:79, 1947.
- BRACHYCISTIS WASHINGTONIA** Mall.
 Fautin, Ecol. Monog. 16:264, 1946.
- BRACHYCOLUS HERACLEI** Tak.
 Holdaway, Hawaiian Ent. Soc. P. 12: 472-473, 1946.
- BRACHYCOLUS TRITICI** Gill. (WESTERN WHEAT APHID)
 Arnason, Can. Ins. Pest Rev. 25:21, 1947.
 Manson, Can. Ins. Pest Rev. 25:22, 1947.
 Manson et al., Can. Ins. Pest Rev. 24: 93, 1946.
 Wilson, Alberta Dept. Agr. R. f. 1944: 23, 1945; f. 1945:21, 1946.
- BRACHYCORYNE ARCAS** (Drury), see EPHYRIADES ARCAS (Drury)
- BRACHYMERIA** sp.
 Shaw, J. Ec. Ent. 40:436-437, 1947.
- BRACHYMERIA OBSCURATA** (Wlkr.)
 Van Zwallowenburg, Hawaiian Planters' Rec. 50:12, 16, 1946.
 Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45: 17-18, 1946.
- BRACHYMYRMEX** Mayr
 Steinweden, Orchid Digest 9:267, 1945.
- BRACHYPELMA** sp.
 Dexter, Nature Mag. 39:229, 1946.
- BRACHYPELMA EMILIA** (White)
 Baerg, Conn. Acad. Arts & Sci. Trans. 36:111, 1945.
- BRACHYPELMA SMITHI** (Cambr.)
 Baerg, Conn. Acad. Arts & Sci. Trans. 36:109-110, 1945.
- BRACHYRHINUS** Latr. - DISPERSAL BY AIRCRAFT
 Annand, USDA EPQ R. f. 1946/47:68.
- BRACHYRHINUS** - POISON BAIT
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:29-30, 1946.
- BRACHYRHINUS LIGUSTICI** (L.) (ALFALFA SNOUT BEETLE)*
 Buchholz, N. Y. Dept. Agr. & Mkts. R. f. 1944:102-103, 1945; f. 1945:126-128, 1947; f. 1946/47:127-128.
 Schwardt & Palm, N. Y. (C.) R. 57:120, 1945.
 Schwardt et al., N. Y. (C.) R. 58:117, 1946; 59:118-119, 1947.
- BRACHYRHINUS MERIDIONALIS** (Gyll.)
 Keifer, Cal. Dept. Agr. B. 34:188, 1945.
- BRACHYRHINUS OVATUS** (L.) (STRAWBERRY ROOT WEEVIL)*
 i Cummings, Amer. Nurserym. 84(6): 16, 1946.
- BRACHYRHINUS OVATUS**--Continued.
 Downes et al., Can. Ins. Pest Rev. 25: 101, 1947.
 Hawboldt, N. S. Dept. Lands & For. R. f. 1945/46:39, 1947.
 Hitchcock, Mont. Ext. Ser. A-50, 2 p., 1945.
 Manson, Can. Ins. Pest Rev. 25:121, 1947.
 Manson et al., Can. Ins. Pest Rev. 24: 99, 101, 1946.
- BRACHYRHINUS OVATUS** - POISON BAIT
 Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44:4-5, 1946.
 i Thompson, Oreg. C. Inform. 384:1-4, 1946.
 Webster, Wash. Ext. B. 246 rev.:22, 1946.
- BRACHYRHINUS RAUCUS** (F.) - ON-TARIO
 Hicks, Can. Ent. 79:171, 1947.
- BRACHYRHINUS SINGULARIS** (L.) (CLAY-COLORED WEEVIL)
 Downes et al., Can. Ins. Pest Rev. 25: 13, 1947.
- BRACHYRHINUS SULCATUS** (F.) (BLACK VINE WEEVIL)*
 Armitage, Cal. Dept. Agr. B. 33:242, 1945.
 Blauvelt, Can. Flor. 40:116, 1945.
 Brydon, Rhododendron YB f. 1945:88-91.
 Morrison, Cal. Dept. Agr. B. 35:136-137, 1946.
 Steinweden, Cal. Dept. Agr. B. 34:177, 1945.
 Swezey, Hawaiian Ent. Soc. P. 12:351, 1945.
 i Thompson, Oreg. C. Inform. 384:1-2, 4, 1946.
- BRACHYSTOLA** Scudd.
 Gomez, Fitófilo 4:137, 1945.
- BRACHYSTOLA MAGNA** (Gir.) (LUBBER GRASSHOPPER)*
 i Carr, Desert Parade:63-65, 1947.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:21.
 bi Riedel, Ent. Soc. Amer. Ann. 39: 298-303, 1946.
- BRACON** sp. - OVERWINTERING
 Coppel, Ent. Soc. Ont. R. 77:39, 1947.
- BRACON** sp., probably POLITIVENTRIS (Cushm.)
 Wilkes & Anderson, Ent. Soc. Ont. R. 77:41, 1947.
- BRACON ATRICORNIS** (Smith), see CREMNOPS ATRICORNIS (Smith)
- BRACON CEPHI** (Gahan)
 Manson et al., Can. Ins. Pest Rev. 24: 103, 1946.
- BRAMBLE INSECTS**
 Besse, Oreg. C. Inform. 353:25, 1945.
 i Butterfield, Cal. Ext. C. 80 rev.:43-47, 1947.
 i Filing, Kans. C. 239:19-20, 1947.
 Powell et al., Ill. Ext. C. 568 rev.:24, 1946.
- BRAMBLE INSECTS**, see also BLACKBERRY INSECTS; RASPBERRY INSECTS

- BRENTHIA PAVONACELLA** Clem.
Plank, P. R. (Mayaguez) R. f. 1944:27, 1945.
- BRENTHIS BELLONA** (F.), see CLOSSI-
ANA BELLONA (F.)
- BRENTHIS EPITHORE** Edwards
Hardy, Victoria Nat. 2:144-145, 1946.
- BRENTHIS MYRINA** Cram., see CLOSSI-
ANA BELLONA (Cram.)
- BREVICORYNE BRASSICAE** (L.) (CAB-
BAGE APHID)*
i Bissell & Dupre, Ga. B. 254:8-9, 1947.
Campbell, Tex. Farm. & Cit. 22(3):8, 1945.
Campbell, USDA EPQ Cabbage Control Cal., 3 p., 1945.
Campbell, West. Grow. & Ship. 16(6): 14,22, 1945.
Downes et al., Can. Ins. Pest Rev. 25: 29, 1947.
Gardiner, Can. Min. Agr. R. f. 1944/45. 54.
Goble & Thompson, Ont. Crop Impr. Assoc. Addresses Ann. Conv. f. 1947: 141-142.
Lauderdale, Ariz. St. Ent. R. f. 1945/46: 17.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1946/47:17.
Smith et al., Kans. Ent. Soc. J. 20:48, 58, 1947.
Thompson, Can. Ins. Pest Rev. 24:37, 1946.
Thompson, Ont. Dept. Agr. B. 449:9-10, 1947.
- BREVICORYNE BRASSICAE - AERO-
SOLS - DDT**
Owens et al., J. Ec. Ent. 40:424, 1947.
- BREVICORYNE BRASSICAE - DUSTS**
Bronson & Hall, Agr. Chem. 1(7):20-21, 1946.
Buchanan, Wash. B. 482:76, 1946.
Carlson et al., Wash. B. 470:147-148, 1945.
- b Hervey, J. Ec. Ent. 39:265, 1946.**
Hervey, N. Y. (G.) R. 65:19, 1947.
Kelsheimer, Fla. R. f. 1944/45:119.
Sun, J. Ec. Ent. 38:125, 1945.
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:11,13-14,43-44,59,69,71-74,76,78, 1946.
Sun & Hansberry, J. Ec. Ent. 40:529, 1947.
Wilson, Wis. B. 469:66, 1946.
- BREVICORYNE BRASSICAE - INSECTI-
CIDES**
Annand, USDA EPQ R. f. 1946/47:5.
Apple, Ill. Veg. Grow. B. 6(3):4-5, 1946.
Chapman et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:17-18, 1947.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:20-22, 1947.
i Clark & Hoveland, Wis. B. 472:14-16, 1947.
Glasgow & Hervey, N. Y. (G.) R. 65: 19-20, 1947.
Kelsheimer, Fla. R. f. 1945/46:112.
Nissley, N. J. St. Hort. Soc. Hort. News 27:1921, 1946.
- BREVICORYNE BRASSICAE - PARA-
SITES**
Swezey, Hawaiian Ent. Soc. P. 13:2-3, 1947.
- BREVICORYNE BRASSICAE - SPRAYS**
Bottger & Bowen, USDA EPQ E-710, 5 p., 1946.
Krone et al., Mich. Ext. B. 4 rev.:55, 1945.
Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [24], 1946.
- BREVICORYNE BRASSICAE - SPRAYS
DDT**
Essig, Cal. C. 365:77-78, 1946.
- BREVICORYNE BRASSICAE & MOSAIC
OF BEET**
Pound, J. Agr. Res. 75:37,40-41, 1947.
- BREVICORYNE BRASSICAE & VIRUS
DISEASE OF CABBAGE**
Pound, Phytopathology 36:1035-1039, 1946.
- BREVICORYNE BRASSICAE & VIRUS
DISEASE OF CELERY, RINGSPOT**
Freitag & Severin, Hilgardia 16:396-405, 1945.
- BREVICORYNE BRASSICAE & VIRUS
DISEASE OF PLANTS**
Jensen, Hawaiian Ent. Soc. P. 12:552-554,578-579,582, 1946.
- BREVIPALPUS** sp. - DUSTS
Hamilton, J. Ec. Ent. 40:735, 1947.
- *BROAD-HORNED FLOUR BEETLE, see
GNATHOCERUS CORNUTUS (F.)**
- *BROAD MITE, see HEMITARSONEMUS
LATUS (Banks)**
- *BROAD-NECKED ROOT BORER, see
PRIONUS LATICOLLIS (Drury)**
- *BROAD-NOSED GRAIN WEEVIL, see
CAULOPHILUS LATINUS (Say)**
- BROCCOLI INSECTS - AEROSOLS - DDT**
Owens et al., J. Ec. Ent. 40:423-424, 1947.
- BROCHYMENA** Amyot & Serv.
bik Ruckes, Ent. Amer. 26:143-238, 1947.
- BROCHYMENA** sp. - EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39:685-686, 1946.
- BROCHYMENA QUADRIPUSTULATA &
PEACH DEFORMITIES**
Snapp, J. Ec. Ent. 40:135-136, 1947.
- *BRONZE BIRCH BORER, see AGRILUS
ANXIUS Gory**
- BROWN APRICOT SCALE, see LECAN-
IUM CORNI Bouché**
- *BROWN-BANDED RCACH, see SUPEL-
LA SUPELLECTILUM (Serv.)**
- BROWN COTTON BUG, see EUSCHISTUS
IMPICTIVENTRIS Stål**
- BROWN COTTON ROOT APHID, RHO-
PALOSIPHUM SUBTERRANEUM
Mason**
- *BROWN DOG TICK, see RHIPICEPHA-
LUS SANGUINEUS (Latr.)**
- BROWN HOUSE MOTH, see HOFMANN-
NOPHILA PSEUDOSPRETILLA
(Staint.)**
- BROWN MITE, see BRYOBIA PRAETI-
OSA Koch**
- *BROWN SALT-MARSH MOSQUITO, see
AEDES CANTATOR (Coq.)**

- BROWN STINK BUG, see EUSCHISTUS SERVUS (Say)
- *BROWN-TAIL MOTH, see NYGMIA PHAEORRHOEA (Donov.)
- BROWN WINTER TICK, see DERMACENTOR ALBIPICTUS (Pack.)
- BRUCellosis, see under genera AMBLYOMMA; BOOPHILUS; CIMEX; CTENOCEPHALIDES
- BRUCHIDAE - AMERICA, NORTH OF MEXICO
k Bridwell, Wash. Acad. Sci. J. 36:52-57, 1946.
- BRUCHOPHAGUS GIBBUS (Boh.) (CLOVER SEED CHALCID)* (ALFALFA SEED CHALCID)
Drake, Iowa Dept. Agr. YB 47:139-140, 147, 149, 1947.
Grandfield & Throckmorton, Kans. B. 328:59, 1945.
Parker, Ariz. St. Ent. R. f. 1946/47:26.
Smith et al., Kans. Ent. Soc. J. 19:46, 1946.
Underhill & Bodenstein, Va. TB 97:11, 1946.
- BRUCHOPHAGUS FUNEBRIS How., see BRUCHOPHAGUS GIBBUS (Boh.)
- BRUCHUS BRACHIALIS Fahr. (VETCH BRUCHID)* (VETCH WEEVIL)
Davis, Oreg. Dept. Agr. Bien. R. f. 1946/48:65.
Miller et al., Tex. Ext. B. 155:13, 1947.
- BRUCHUS BRACHIALIS - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:12; f. 1945/46:5, f. 1946/47:8.
Burtner, South. Seedsm. 8(2):14, 44, 1945.
Mote, Agr. Comment (Du Pont) 1(3):3, 1946.
Packard, USDA EPQ E-640:3, 1945.
Rockwood, Oreg. Seed Grow. League P. Ann. Mtg. 4.59, 61, 63, 1945.
Rockwood & Reeher, USDA EPQ E-650, 8 p., 1945.
Rockwood et al., Oreg. C. Inform. 372, 3 p., 1946.
Steinweden, Cal. Dept. Agr. B. 34:177, 1945.
- BRUCHUS BRACHIALIS & SEED PRODUCTION - VETCH, HAIRY
Annand, USDA EPQ R. f. 1944/45:32.
Rockwood & Reeher, USDA EPQ E-650, 8 p., 1945.
- BRUCHUS GUTTALIS Rey
Keifer, Cal. Dept. Agr. B. 33:251, 1945.
- BRUCHUS OBTECTUS Say, see ACANTHOSCELIDES OBTECTUS (Say)
- BRUCHUS PISORUM (L.) (PEA WEEVIL)*
Brindley et al., Ida. B. 264:34-35, 1945.
i Brindley et al., USDA FB 1971, 24 p., 1946.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:36, 1947.
Glendenning et al., Can. Ins. Pest Rev. 25:36, 1947.
Krone et al., Mich. Ext. B. 4 rev.:78-79, 1945.
Manson et al., Can. Ins. Pest Rev. 24:95, 1946.
Mills et al., Mont. B. 425:20-21, 1945; 442:14, 1947.
- BRUCHUS PISORUM--Continued.
Thompson, Can. Ins. Pest Rev. 24:39, 1946.
Wilson, Alberta Dept. Agr. R. f. 1945:21, 1946.
Wressell, Can. Ins. Pest Rev. 24:56, 1946.
- BRUCHUS PISORUM - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:5; f. 1946/47:4, 6.
Brindley et al., Ida. B. 268:40-42, 1946, 269:33, 1947.
- BRUCHUS PISORUM - INSECTICIDES - DDT
Brindley & Schopp, USDA EPQ E-668, 10 p., 1945.
White, USDA EPQ E-642:4, 1945.
White, USDA EPQ E-692:7, 1946.
- BRUNERIA BRUNNEA (Thom.)
Arnason et al., Can. Ins. Pest Rev. 24:84, 1946.
- BRUNERIA BOREALIS Scudd.
i Rosewall, La. Acad. Sci. P. 10:67-71, 1947.
- BRUNERIA BOREALIS - OOTHECAE
i Breland & Dobson, Ent. Soc. Amer. Ann. 40:557, 560, 568-570, 1947.
- BRYOBIA PRAETIOSA Koch (CLOVER MITE)* (ALMOND MITE) (BROWN MITE)
Fautin, Ecol. Monog. 16:267, 269, 1946.
Flock, Ariz. St. Ent. R. f. 1944:18, 1945.
i Lamiman & Smith, Cal. Ext. C. 103 rev.:66-68, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:21.
Oldroyd, Alaska R. 10:55, 1947.
Richardson, Iowa R. f. 1946/47 pt. 1. 202.
Richardson, Iowa St. Hort. Soc. Trans. 81:129, 1946; 82:141, 1947.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46:17; f. 1946/47:15.
Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:23.
Smith, Cal. Ext. C. 46 rev.:44, 1947; 98 rev.:47-48, 1946.
- BRYOBIA PRAETIOSA - CANADA
Arnason et al., Can. Ins. Pest Rev. 24:90, 1946.
Manson & Arnason, Can. Ins. Pest Rev. 25:119, 1947.
Manson et al., Can. Ins. Pest Rev. 24:101, 1946.
- BRYOBIA PRAETIOSA - HOUSEHOLD PEST
Zappe, Conn. B. 488:421, 1945.
- BRYOBIA PRAETIOSA - POPULATIONS-EFFECT OF SPRAYS
Pickett, N. S. Fruit Grow. Assoc. R. 83:29-30, 1946; 84:73-74, 76, 1947.
Pickett et al., Sci. Agr. 26:594-595, 1946.
- BRYOBIA PRAETIOSA - SPRAYS
Borden, Oreg. St. Hort. Soc. R. 37:21, 23-24, 1945.
Borden, Cal. C. 365:73, 76, 1946.
Cleveland, West. Colo. Hort. Soc. Trans. f. 1944:33, 1945.

- BRYOBIA PRAETIOSA** - SPRAYS--Continued.
 Newton, Rocky Mountain Conf. Ent. R. 18:8, 1947.
 Oreg. C. Inform. 407:4, 1947.
 Wash. Ext. B. 279 rev.:13, 1946.
- BUCARE CATERPILLAR (PUERTO RICO)**, *see* AGATHODES DESIGNALIS Guen.
- BUCCULATRIX CANADENSISELLA** Chamb. (BIRCH SKELETONIZER)*
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:33, 1945.
 Bailey, Vt. Comnr. Agr. Bien. R. 23: 87, 1946.
 Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:24, 1947.
 Daviault, Can. Ins. Pest Rev. 25:61, 1947.
 Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 23, 1946.
 Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:19, 1945.
 Patterson & Neary, Can. Ins. Pest Rev. 24:17, 1946.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:10, 1945.
 Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 32, 1946.
- BUCCULATRIX THURBERIELLA** Busck (COTTON LEAF PERFORATOR)*
 Annand, USDA EPQ R. f. 1945/46:7.
 Burgess, Ariz. R. 57:45, 1947.
- BUCCULATRIX THURBERIELLA** - PARASITES
 Clancy, J. Ec. Ent. 39:328, 1946.
- ***BUCK MOTH**, *see* HEMILEUCA MAIA (Drury)
- BUCKELLACRIS** Rehn & Rehn
 nik Rehn & Rehn, Amer. Ent. Soc. Trans. 71:1-45, 1945.
- BUCKEYE LACE BUG**, *see* CORYTHUCHA AESCULI Ost. & Drake
- ***BUCKTHORN APHID**, *see* APHIS ABREVIATA Patch
- BUFFALO CARPET BEETLE**, *see* ANTHRENUS SCROPHULARIAE (L.)
- ***BUFFALO TREEHOPPER**, *see* CERESA BUBALUS (F.)
- BUFO MARINUS** - FOOD
 Bartlett, Chemurg. Digest 6:62, 1947.
 Osorio, Control de Plagas 8[i.e. 7]:62, 1945.
 Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44: 17, 1945.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:536, 1946.
 Wolcott, Sugar J. 10(6):18, 1947.
- BUFOLUCILIA ELONGATA** (Shan.)
 i James & Maslin, Wash. Acad. Sci. J. 37:366-368, 1947.
- BUFOLUCILIA SILVARUM** (Meig.) & POLIOMYELITIS
 b Power & Melnick, Yale J. Biol. & Med. 18(1):58-59, 1945.
- BULB INSECTS**
 Armitage, Cal. Dept. Agr. B. 242, 1945.
- BULB INSECTS**--Continued.
 Courtney & Breakey, South. Flor. 58 (28):9,17-18, 1945.
 Courtney & Breakey, Wash. B. 470. 120-122, 1945.
 De Mol, Flor. Exch. 105(16):21, 1945.
 Mackie, Cal. Dept. Agr. Sp. Pub. 209: 10-11, 1945.
- BULB INSECTS** - NURSERIES
 i Cummings, Amer. Nurserym. 84 (10):11-12, 1946.
- BULLIS FEVER**, *see* under genera AMBLYOMMA, EUTROMBICULA
- BUMBLE BEES**, *see* BOMBUS
- BUNCHY TOP OF PAPAYA**, *see* EMPOASCA PAPAYAE & BUNCHY TOP OF PAPAYA
- BUPRESTID COCKROACH**, *see* OXYHALOA BUPRESTOIDES (Sauss.)
- BUPRESTIDAE**
 n Knull, Ohio J. Sci. 47:174-176, 1947.
- BUPRESTIS APRICANS** Hbst. (TURPENTINE BORER)
 Flory et al., S. C. Ext. B. 107:28, 1947. (Repr.)
 Sand & Bryan, USDA FB 1989:30, 1947.
- BUPRESTIS AURULENTA** L. (GOLDEN BUPRESTID)
 Chamberlin, Oreg. C. Inform. 417, 3 p., 1947.
- BUPRESTIS CATOXANTHA** Gory
 Heller, Bklyn. Ent. Soc. B. 42:140, 1947.
- BURN BLIGHT OF PINE**, *see* APHROPHORA SARATOGENSIS & BURN BLIGHT OF PINE
- BURYING BEETLES**, *see* NICROPHORUS
- BUTTERFLIES**
 i Barbour, A Nat. in Cuba.108-109, 1945.
 b Dethier, Psyche 53:15-20, 1946.
 i Fullaway & Krauss, Common Ins. of Hawaii:135-141, 1945.
 Headstrom, Horticulture 23:333-334, 1945.
 i Knight, Iowa Conserv. 4:137,139,143, 1945.
 n Stallings & Turner, 134-137, 1946.
 i Watson & Lutz, Our Common Butterflies, ed. 8, 24 p., 1946.
- BUTTERFLIES** - AGGREGATIONS
 Rau, Ent. Soc. Amer. Ann. 40:13-14, 1947.
- BUTTERFLIES** - COLLECTION & PRESERVATION
 i Harper, Ohio Conserv. B. 11(7):23, 1947.
 MacLean, Nature Mag. 39:321-323, 1946.
- BUTTERFLIES** - EXHIBITS - NEW ENGLAND MUSEUM OF NATURAL HISTORY
 Joplin, Hobbies 50(9):24, 1945.
- BUTTERFLIES** - FLIGHT
 Hovanitz, Bklyn. Ent. Soc. B. 40:170-171, 1946.
- BUTTERFLIES** - FLORIDA
 i Chermock, Pa. Acad. Sci. P. 19:40-43, 1945.
 Murrill, Guide to Fla. Anim.:62-66, 1945.

BUTTERFLIES - KANSAS

Stallings & Turner, Kans. Ent. Soc. J. 18:111, 1945; 19:110, 1946; 20:93-94, 1947.

Weniger, Kans. Ent. Soc. J. 18:112-120, 1945.

BUTTERFLIES - LITERATURE - POETRY

Twinn, Pests 14(11):42,44,46, 1946.

BUTTERFLIES - MEXICO

Brown, N. Y. Ent. Soc. J. 53(1):31-46, 1945.

BUTTERFLIES - TROPICAL

i Portmann, Beauty of Butterflies, 11 p., 1945.

BUTTERFLIES - WASHINGTON

Leighton, Wash. St. Univ. Pubs. Biol. 9:49-63, 1946.

BUTTERNUT CURCULIO, see CONOTRACHELUS JUGLANDIS Lec.

BYTHOSCOPA ROBUSTA Uhl., see STRAGANIA ROBUSTA (Uhl.)

BYTURUS sp.

Arnason et al., Can. Ins. Pest Rev. 24: 89, 1946.

Manson et al., Can. Ins. Pest Rev. 24: 98, 1946.

Oldroyd, Alaska R. 10:55, 1947.

Peterson, Can. Ins. Pest Rev. 24:108, 1946.

BYTURUS BAKERI Barber (WESTERN

RASPBERRY FRUITWORM)*

bi Baker et al., Wash. B. 497:63 p., 1947.

Breakey, Wash. Packer 12(8):5, 1947.

BYTURUS RUBI Barbet (EASTERN

RASPBERRY FRUITWORM)*

Maxwell, Can. Ins. Pest Rev. 24:23, 1946.

Maxwell, Can. Dept. Agr. Div. Ent. Processed Pub. 66:1, 1947.

Mundinger, N. Y. (G.) R. 65:16, 1947.

Ross & Maxwell, Can. Ins. Pest Rev. 25:99, 1947.

Slate et al., N. Y. (C.) Ext. B. 719:52-53, 1947.

BYTURUS TOMENTOSUS (Deg.)

Baker et al., Wash. B. 497:60, 1947.

BYTURUS UNICOLOR Say

Baker et al., Wash. B. 497:32, 1947.

Cutright & Vogel, Ohio St. Hort. Soc. P. 78:157, 1945.

Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:10-11, 1946.

Slate et al., N. Y. (G.) C. 153 rev.:49-51, 1945.

Thompson, Ont. Dept. Agr. B. 358 rev.:32, 1947.

***CABBAGE APHID, see BREVICORYNE BRASSICAE (L.)**

CABBAGE CATERPILLARS

Annand, USDA EPQ R. f. 1946/47:5.

Cockerham et al., La. R. f. 1945/46: 113, 1947.

i Pratt et al., N. Y. (C.) Ext. B. 696 rev.:46-47, 1947.

Price, Ky. Ext. C. 435:4, 1947.

Reid, S. C. R. 57:129-132, 1945.

CABBAGE CATERPILLARS--Continued.
Roller & Bowen, S. C. R. 57:122-123, 1945.

CABBAGE FLEA BEETLE, see PHYLLOTRETA ALBIONICA (Lec.)

CABBAGE INSECTS

Bissell & Dupree, Ga. B. 254:9, 1947.

i Parks & King, Ohio Ext. B. 76 rev.: 10-11, 1947.

Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:108, 1947.

Smith et al., Kans. Ent. Soc. J. 20:49-50, 58, 1947.

White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:10-11, 1945.

CABBAGE INSECTS - INSECTICIDES

Apple, Ill. Veg. Grow. B. 6(3):4-5, 1946.

Drake et al., Iowa R. f. 1946/47 pt. 1: 200-201.

Glasgow & Hervey, N. Y. (G.) R. 65: 19-20, 1947.

Hervey, N. Y. (G.) R. 65:19, 1947.

Kelsheimer, Fla. R. 57:119, 1946?

Pepper, Pa. Ext. C. 287:11, 1946.

Smith et al., La. R. f. 1944/45:58, 1946.

i Tauber & Drake, Iowa St. Hort. Soc. Trans. 80:259-262, 1945.

CABBAGE INSECTS - INSECTICIDES - DDT

Annand, USDA EPQ R. f. 1944/45:13.

Daggy et al., Minn. Ext. B. 252:13, 1946.

Haseman et al., Mo. C. 309:5, 1946.

White, USDA EPQ E-642:1, 1945; E-692:3-4, 1946.

***CABBAGE LOOPER, see TRICHOPLUSIA NI (Hbn.)**

***CABBAGE MAGGOT, see HYLEMYA BRASSICAE (Bouché)**

CABBAGE PLUTELLA, see PLUTELLA MACULIPENNIS (Curt.)

***CABBAGE SEEDPOD WEEVIL, see CEUTORHYNCHUS ASSIMILIS (Payk.)**

***CABBAGE WEBWORM, see HELLULA UNDALIS (F.)**

CACAMA VALVATA (Uhl.)

Parker, Ariz. St. Ent. R. f. 1946/47: 28.

CACAO INSECTS - STORED CACAO BEANS

Monro & Delisle, Pests 14(9):14, 1946

CACOEZIA Hbn.

Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:87, 1945; f. 1945:64, 1946.

CACOEZIA ARGYROSPILA (Wlkr.), see ARCHIPS ARGYROSPILA (Wlkr.)

CACOEZIA MELALEUCANA (Wlkr.), see ARCHIPS MELALEUCANA (Wlkr.)

CACOEZIA PERSICANA Fitch, see ADOXOPHYES PERSICANA (Fitch)

CACOPLIA NEBULOSA (Hald.)

i Knull, Ohio Biol. Surv. B.39:239, 1946.

CACTOBROSIS FERNALDIALIS (Hulst) & NECROSIS OF CACTUS

i Burgess, Ariz. R. 55:80-82, 1945.

CACTUS INSECTS

bi Bugbee & Reigel, Amer. Mid. Nat. 33:117-126, 1945.

1 Haselton, Epiphyllum Handb.:93-96, 1946.

Horridge, Cactus & Succulent J. 18: 139, 1946.

CADDIS FLIES, see TRICHOPTERA

*CADELLE, see TENEBROIDES MAURITANICUS (L.)

CADREMA PALLIDA (Loew)

Wirth, Hawaiian Ent. Soc. P. 13:22, 1947.

CAECULIDAE

ni Mulak, Utah Univ. B. 35(17):1-23, 1945.

CAECULUS PETTITI Nevin - EARLY STAGES

1 Nevins, Ent. Soc. Amer. Ann. 38: 195-198, 1945.

CAENIS sp.

Jensen, Hawaiian Ent. Soc. P. 13:465, 1946.

Van Zwaluwenburg, Hawaiian Planters' Rec. 50:12, 1946.

CAGES FOR INSECTS, see INSECTS - CAGES

CALACARUS ADORNATUS Keif.

Morrison, Cal. Dept. Agr. B. 35:138, 1946.

CALANDRA, see SITOPHILUS Schónh.

CALENDRA Schellenb.

Muma, Neb. Ext. C. 1537:16-17, 1946.

CALENDRA - LAWN

1 Bohart, Hilgardia 17:301-302, 1947.

CALENDRA sp.

Wressell, Can. Ins. Pest Rev. 24:57, 1946.

CALENDRA AEQUALIS UNIVITTA (Chitt.)

Spencer, B. C. Ent. Soc. P. 42:23, 1945.

CALENDRA DESTRUCTOR (Chitt.) - GENITALIA - MALE

1 Bruhn, Great Basin Nat. 8:19, 1947.

CALENDRA MAIDIS (Chitt.) (MAIZE BILLBUG)*

1 Muma, Neb. Ext. C. 1537:16-17, 1946.

CALENDRA OCHREA (Lec.) - GENITALIA - MALE

1 Bruhn, Great Basin Nat. 8:19-20, 1947.

CALENDRA PARVULA (Gyll.) - GENITALIA - MALE

1 Bruhn, Great Basin Nat. 8:19, 1947.

CALENDRA PHOENICIENSIS (Chitt.) - ARIZONA

Burgess, Ariz. R. 55:51, 1945.

CALENDRA ZEAE (Walsh) - GENITALIA - MALE

1 Bruhn, Great Basin Nat. 8:20, 1947.

CALEPITRIMERUS BAILEYI Keif.

Kelfer, J. Ec. Ent. 39:565, 1946.

CALEPITRIMERUS VITIS (Can.)

Kelfer, J. Ec. Ent. 39:566, 1946.

CALICO MESQUITE BUG, see THASUS GIGAS (Burm.)

*CALICO SCALE, see LECANIUM CERSORUM Ckll.

CALICO VIRUS OF PANSIES, see under genera APHIS; ANURAPHIS, CA-VARIELLA; MACROSTELUS; MICROMYZUS, MYZUS, RHOPAL-OSIPHUM, and APHIDS & PLANT DISEASES - CALICO VIRUS OF PANSIES

CALIDOTA STRIGOSA (Wlkr.)

(STREAKED CALIDOTA)

Martorell, P. R. Univ. J. Agr. 29 501-502, 1945.

CALIFORNIA ASTER YELLOWS, see

under genera ACINOPTERUS, APHIS, CHLOROTETIX, CLO-ANTHUS; COLLADONUS, EU-SCELIS; FIEBERIELLA, GYPO-NANA, IDIODONUS; MACROS-TELES, PHELEPSIUS, TEXA-NANUS; and LEAFHOPPERS & PLANT DISEASE - CALIFORNIA ASTER YELLOWS

CALIFORNIA ASTER YELLOWS OF

FLAX, see under genera MACROS-TELES; TEXANANUS

CALIFORNIA BLACK-LEGGED TICK,

see IXODES CALIFORNICUS Banks

CALIFORNIA BROWN LACEWING, see

SYMPHEROBIUS CALIFORNICUS Banks

CALIFORNIA CASEBEARER, see COLE-

OPHORA SACRAMENTA Heinr.

CALIFORNIA DEATHWATCH BEETLE,

see HADROBREGMUS GIBBI-COLLIS (Lec.)

CALIFORNIA FIRE ANT, see SOLENO-P-

SIS XYLONI MANIOSA Wlkr.

CALIFORNIA FLATHEAD BORER, see

MELANOPHILA CALIFORNICA

Van Dyke

CALIFORNIA FUNGUS BEETLE, see

HENOTICUS CALIFORNICUS

(Mann.)

CALIFORNIA GREEN LACEWING, see

CHRYSOPE PLOERABUNDA CALI-

FORNICA Coq.

*CALIFORNIA HARVESTER ANT, see

POGONOMYRMEX CALIFORNI-

CUS (Buckl.)

*CALIFORNIA OAKWORM, see PHRY-

GANIDIA CALIFORNICA Pack.

CALIFORNIA ORCHID THRIPS, see

ANAPHOTHRIPS ORCHIDII (Moult.)

*CALIFORNIA PRIONUS, see PRIONUS

CALIFORNICUS Mots.

*CALIFORNIA RED SCALE, see AONI-

DIELLA AURANTII (Mask.)

*CALIFORNIA SALT-MARSH MOSQUITO,

see AEDES SQUAMIGER (Cog.)

CALIFORNIA TORTOISE-SHELL, see

NYMPHALIS CALIFORNICA (Bdvl.)

CALIROA AETHIOPS (F.), see ENDE-

LOMYIA AETHIOPS (F.)

CALIROA CERASI (L.) (PEAR-SLUG)*

(CHERRY SLUG)

Callenbach, Mont. Ext. Ser. A-46,

2 p., 1945.

Childs et al., Oreg. Ext. B. 663:3,

1946; 664:5, 1946.

- CALIROA CERASI--Continued.
Edmondson, Wyo. Ext. C. 58 rev.:27-28, 1945.
Hilborn et al., Maine Ext. B. 358:3, 1947.
i Smith, Cal. Ext. C. 46 rev.:40-41, 1947.
Oreg. C. Inform. 407:4-5, 1947.
- CALIROA CERASI - CANADA
Cannon, Can. Ins. Pest Rev. 24:11, 1946.
Downes et al., Can. Ins. Pest Rev. 25:82, 1947.
Manson, Can. Ins. Pest Rev. 25:106, 1947.
Manson & Gauthier, Can. Ins. Pest Rev. 25:97, 1947.
Manson et al., Can. Ins. Pest Rev. 24:99, 1946.
Ross, Can. Ins. Pest Rev. 24:47-48, 1946.
Thompson, Can. Ins. Pest Rev. 24:41, 1946.
- CALLARCTIA BLAKEI (Grote) (WHEAT TIGER MOTH)
Mills et al., Mont. B. 425:22, 1945; 442:17, 1947.
- CALLIBAETIS Eaton - OVOVIVIPARITY
Edmunds, Ent. News 56:169-171, 1945.
- CALLIDIUM ANTENNATUM Newm, C. VIOLACEUM (L.), C. SCHOTTI Schaeff.
i Knull, Ohio Biol. Surv. B. 39:208-209, 1946.
- CALLIEPHIALTES VARIATIPES (Prov.)
Jaynes & Marucci, J. Ec. Ent. 40:11, 1947.
- CALLIGRAPHA Er. - CANADA
bni Brown, Can. Ent. 77:117-133, 1945.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:72, 1947.
- CALLIGRAPHA MULTIPUNCTATA BIGSBYANA (Kby.)
Peterson, Can. Ins. Pest Rev. 24:109, 1946.
Peterson & Hammon, Can. Ins. Pest Rev. 25:79, 1947.
- CALLIGRAPHA SCALARIA (Lec.) (ELM CALLIGRAPHA)*
i Dean, Kans. C. 234, 7 p., 1946.
Dean et al., Kans. Ent. Soc. J. 18:93, 1945.
Smith et al., Kans. Ent. Soc. J. 19:47, 1946, 20:51, 58, 1947.
Yapp, Kans. Ent. Comn. Bien. R. 20:6, 1946.
- CALLIGRAPHA VERRUCOSA Suffr.
Peterson, Can. Ins. Pest Rev. 25:79, 1947.
- CALLIMANTIS Stal - DISTRIBUTION
Rehn, Ent. Soc. Wash. P. 49:163-164, 1947.
- CALLIMOXYS SANGUINICOLLIS (Oliv.)
i Knull, Ohio Biol. Surv. B. 39:203, 1946.
- CALLIOPSIS ANDRENIFORMIS Smith & POLLINATION
Crandall & Tate, Amer. Soc. Agron. J. 39:161-163, 1947.
Gates, Neb. R. 58:61, 1945.
- CALLIPHORA Rob.-Desv. - INSECTICIDES
Savit et al., Soc. Expt. Biol. & Med. P. 62:44-48, 1946.
- CALLIPHORA CROCEIPALPIS Jaenn. & MYIASIS
James, USDA Misc. Pub. 631:91-92, 1947.
- CALLIPHORA ERYTHROCEPHALA (Meig.), see CALLIPHORA VICINA Rob.-Desv.
- CALLIPHORA VICINA Rob.-Desv. & ATMOSPHERIC PRESSURE
Wellington, Can. J. Res. Sect. D 24:105-117, 1946.
- CALLIPHORA VICINA & MYIASIS
James, USDA Misc. Pub. 631:90-91, 1947.
- CALLIPHORA VICINA & POLIOMYELITIS
b Power & Melnick, Yale J. Biol. & Med. 18:64-66, 68-69, 1945.
- CALLIPHORA VOMITORIA (L.) & ATMOSPHERIC PRESSURE
Wellington, Can. J. Res. Sect. D 24:105-117, 1946.
- CALLIPHORA VOMITORIA & MYIASIS
James, USDA Misc. Pub. 631:92, 1947.
- CALLIPHORA VOMITORIA & POLIOMYELITIS
b Power & Melnick, Yale J. Biol. & Med. 18:64-65, 68-69, 1945.
- CALLIPHORIDAE
i Baker & Schwartz, U. S. Pub. Health Rpts. 62:800-807, 1947.
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:331-332, 1945.
Peters & Deyoe, Raising Livestock: 284, 1946.
b Roark, USDA EPQ E-652:6-11, 1945.
- CALLIPHORIDAE - DIGESTIVE SYSTEM
b Abbott, Ent. News 56:44-47, 1945.
- CALLIPHORIDAE - POETRY
Twinn, Pests 14(1):16, 18, 20, 1946.
- CALLIPHORIDAE & MYIASIS
bik James, USDA Misc. Pub. 631:57-92, 1947.
- CALLISPA DUODECIMMACULATA Chap Swezey, Hawaiian Ent. Soc. P. 12:354-355, 1945.
- CALLISTO GEMINATELLA (Pack.) (UNSPOTTED TENTIFORM LEAF MINER)
Dewey, N. Y. St. Hort. Soc. P. 92:58, 1947.
- CALLISTO GEMINATELLA - PARASITES
Beacher, Ent. Soc. Amer. Ann. 40:537, 543, 1947.
- CALLITHOMIA LAUTA, C. ZINGIBER
ni Fox, Amer. Mus. Nov. 1295:4-6, 1945.
- CALLITROGA Brauer
i Hixson, Okla. Ext. C. 387 rev.:16-20, 1946.
- CALLITROGA - INSECTICIDES
Annand, USDA EPQ R. f. 1943/44:21; f. 1945/46:14.
Haller, Indus. & Engin. Chem. Indus. Ed. 39:468-469, 1947.
Hixson, Okla. Ext. C. 387 rev.:19-20, 1946.

- CALLITROGA - INSECTICIDES--Continued.
 Rude & Graham, Sheep & Goat Raiser 27(6):10, 1947.
 Rude & Graham, Tex. Vet. Bul. 9(1) 3-4, 1947.
 Telford & Guthrie, Agr. Chem. 1(3). 29-30, 1946.
- CALLITROGA AMERICANA (Cush. & Pat.) (SCREW-WORM)* (PRIMARY SCREW-WORM)
 Annand, New Internatl. YB 1944:295, 1945.
 Annand, USDA EPQ R. f. 1944/45:34.
 Baker, Mangt. & Feeding Sheep:228-229, 1947.
 Dean et al., Kans. Ent. Soc. J. 18:92, 1945.
 i Dove, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944.17, 1945.
 Drake & Tauber, Iowa R. f. 1944/45 pt. 1:248.
 i Hall et al., USDA FB 1330 rev. 11-12, 1946.
 Smith et al., Kans. Ent. Soc. J. 19:47, 1946; 20:52-53,58, 1947.
 Swanson, U. S. Livestock Sanit. Assoc. P. 50:94-95, 1947.
 USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:21-22, 1946.
- CALLITROGA AMERICANA - ARIZONA
 Deonier, J. Ec. Ent. 38:90-95, 1945.
 Deonier, Kans. Ent. Soc. J. 19:26-29, 1946.
- CALLITROGA AMERICANA - ERADICATION
 Lyle, J. Ec. Ent. 40 7, 1947.
- CALLITROGA AMERICANA - HOUSEHOLD PEST
 b Jones, Iowa Acad. Sci. P. 52:299-301, 1946.
- CALLITROGA AMERICANA - INSECTICIDES
 Cameron, Cal. Ext. C. 130:26-27, 1945
 Carr, Cal. Dairym. 26(20):32, 1946.
 Dove, USDA Agr. Res. Adm. R.A.S. 15 (E), 2 p., 1945.
 Dove, USDA EPQ E-673:9, 1945.
 Fauks, Sheep & Goat Raiser 25(5):18, 1945.
 Gertler, USDA EPQ E-705:11, 1946; E-732:11, 1947.
 Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev.:334, 1946.
 Rude, Sheep & Goat Raiser 26(11):38, 1946.
 Rude & Graham, USDA EPQ E-708 rev.,3 p., 1947.
 Wermelskirchen, in Davis et al., Livestock Enterprises rev.:136, 1946.
- CALLITROGA AMERICANA - INSECTICIDES - DDT
 Dove, USDA EPQ E-673:9, 1945.
 b Telford & Guthrie, Agr. Chem. 1(3): 29-30, 1946.
- CALLITROGA AMERICANA - OHIO
 Koutz, Amer. Vet. Med. Assoc. J. 110: 385, 1947.
- CALLITROGA AMERICANA - OVER-WINTERING
 b Brody & Rogers, J. Ec. Ent. 38 85-89, 1945.
 Lindquist & Barrett, J. Ec. Ent. 38 77-83, 1945.
 Parish, J. Ec. Ent. 38:83-84, 1945.
 b Parman, J. Ec. Ent. 38 66-76, 1945.
- CALLITROGA AMERICANA - REPELLENTS
 Sobell & Doner, Soap & Sanit. Chem. 21.108, 1945.
- CALLITROGA AMERICANA - RESISTANCE TO FUMIGANTS
 Quayle, Cal. Citrog. 30.98, 1945.
- CALLITROGA AMERICANA - SOUTH-EASTERN STATES
 i Bruce, J. Ec. Ent. 38:327-329, 1945.
- CALLITROGA AMERICANA - TRAPS
 Deonier, Kans. Ent. Soc. J. 19:26-29, 1946.
 Lindquist & Barrett, J. Ec. Ent. 38 77-78, 1945.
 Parman, J. Ec. Ent. 38:66-67, 1945.
- CALLITROGA AMERICANA & JOINT ILL IN CALVES
 Emmel, Amer. Vet. Med. Assoc. J. 106:223, 1945.
- CALLITROGA AMERICANA & MYIASIS
 bi James, USDA Misc. Pub. 631:63-65, 1947.
 Kelman, Vet. Med. 40:282-283, 1945.
 Simpson, Memphis Med. J. 21:112, 1946.
- CALLITROGA MACELLARIA (F.) (SECONDARY SCREW-WORM)*
 i Hall et al., USDA FB 1330 rev. 11-12, 1946.
 Rude et al., USDA EPQ E-633,2 p., 1946.
- CALLITROGA MACELLARIA - OVER-WINTERING
 Parish, J. Ec. Ent. 38:83-84, 1945.
- CALLITROGA MACELLARIA & MYIASIS
 bi James, USDA Misc. Pub. 631:65-66, 1947.
- CALLOIDES NOBILIS (Harr.)
 i Knoll, Ohio Biol. Surv. B. 39:214, 1946.
- CALLOSAMIA ANGULIFERA (Wlkr.)
 i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2:3, 1945.
- CALLOSAMIA PROMETHEA (Drury) (PROMETHEA MOTH)*
 i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2:2, 1945.
 i Harrod, Can. Nature 9:90-91, 1947.
 i Urquhart, Can. Nature 8:64-65, 1946.
- CALLOSAMIA PROMETHEA - DIA-PAUSE
 bi Ludwig, Physiol. Zool. 19:355-359, 1946.
 bi Williams, Biol. Bul. 90:235-243, 1946.
- CALLOSBRUCHUS MACULATUS (F.) (COWPEA WEEVIL)*
 Botting & Levin, USDA EPQ E-738.1, 6,8, 1947.
 Dunavan, S. C. R. 58:58, 1946; 59.68, 1947.

- CALLOSOBRUCHUS MACULATUS**--Continued.
 Gertler, USDA EPQ E-705:4-5, 1946.
 Mayer & Gahan, USDA EPQ E-646:4, 13-14, 1945.
 Monro & Delisle, Sci. Agr. 25:797-816, 1945; abridged in Pests 14(9): 14, 16-17, 20-22, 1946.
 Watson, Fla. Grow. 55 [i.e. 54] (9):15, 1946.
- CALLOSOBRUCHUS MACULATUS - CEPHALOGENESIS**
 bi Brauer, J. Morph. 78(1):155-179, 1946.
- CALLOSOBRUCHUS MACULATUS - PARASITES**
 Bissell, Ent. Soc. Amer. Ann. 38:439, 1945.
- CALLOSOBRUCHUS PHASEOLI** (Gyll.)
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):4.
- CALOCORIS BIPUNCTATUS** (F.), *see* **CALOCRIS NORVEGICUS** (Gmel.)
- CALOCORIS NORVEGICUS** (Gmel.)
 (STRAWBERRY MIRID)
 Gardiner, Can. Min. Agr. R. f. 1944/45: 59; f. 1946/47:83.
 Neary, N. S. Dept. Agr. R. f. 1943/44: 103, 1945; f. 1944/45:105, 1946; f. 1945/46:94, 1947.
 Neary, N. S. Fruit Grow. Assoc. R. 83:25, 1946; 84:117, 1947.
 Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946; 25:100, 1947.
- CALOCORIS NORVEGICUS & LEAFROLL OF POTATO**
 Jensen, Hawaiian Ent. Soc. P. 12:599, 1946.
- CALOMYCTERUS SETARIUS** Roel.
 Slate, Conn. B. 484:66, 1945.
- CALOPTERYGIDAE - INDIANA**
 bi Montgomery, Ind. Acad. Sci. P. 56: 163-165, 1947?
- CALOSOMA** sp.
 Connaughton, USDA FS South. For. Expt. Sta. R. 27:63, 1947.
 Wyhe, Fla. R. f. 1945/46:189.
- CALOSOMA ARGENTINENSE** (Csiki)
 Annand, USDA EPQ R. f. 1943/44:24; f. 1945/46:22.
- CALOSOMA CALIDIUM** (F.) (FIERY HUNTER)*
 Walton & Packard, USDA FB 1850 rev.8, 1947.
- CALOSOMA LUGUBRE** Lec. - QUEBEC
 Smith, B. C. Ent. Soc. P. 42:23, 1945.
- CALOSOMA SCRUTATOR** (F.) - MORPHOLOGY
 bi Bostick, Ent. Soc. Amer. Ann. 38: 14-32, 1945.
- CALOSOMA SYCOPHANTA** (L.)
 Friend, Conn. Acad. Arts & Sci. Trans. 36:821, 1945.
- CALOTERMES** Hagen, *see* **KALOTERMES** Hagen
- CALYCOMYZA ARTEMISIAE** (Kltb.)
 Wirth, Hawaiian Ent. Soc. 13:21, 1947.
- CAMELLIA BUD MITE**, *see* **ACERIA CAMELLIAE** Keif.
- CAMELLIA INSECTS**
 Bradley, Home Gard. So. 7:131, 1947.
- CAMELLIA INSECTS**--Continued.
 i English, Amer. Camellia YB 1:31-42, 1946.
 Fueglein, Amer. Camellia YB 2:89, 1947.
 i Hume, Camellias in Amer.:173-181, 1946.
 b Morrison, Cal. Dept. Agr. B. 35:131-140, 1946.
 Wilmot, Fla. Ext. B. 130:17-18, 1946.
- *CAMELLIA SCALE**, *see* **LEPIDOSAPHES CAMELLIAE** Hoke
- CAMNULA PELLUCIDA** (Scudd.)
 (CLEAR-WINGED GRASSHOPPER)*
 Flock, Ariz. St. Ent. R. f. 1944:14, 1945.
 Neatby et al., Line Elevators Farm Serv. B. 5:10-18, 1945.
 Shockley, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:2-3, 1945.
 Wakeland, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:3, 1946.
 Wilson, Cal. Dept. Agr. B. 36:101-102, 1947.
- CAMNULA PELLUCIDA - CANADA**
 Arnason et al., Can. Ins. Pest Rev. 24: 83, 1946.
 Bird & Mitchener, Can. Ins. Pest Rev. 24:68, 1946.
 Buckell, Can. Ins. Pest Rev. 24:115, 1946.
 Buckell et al., Can. Ins. Pest Rev. 25: 7-8, 1947.
 Cornwall, B. C. Dept. Agr. R. 41: W155, 1947.
 Manson et al., Can. Ins. Pest Rev. 24: 92, 1946.
 Twinn, Can. Ins. Pest Rev. 23:2, 1945.
 Ward, B. C. Dept. Agr. R. 40:V75, 1946.
- CAMNULA PELLUCIDA - INSECTICIDES**
 Brown, J. Ec. Ent. 40:606, 1947.
 Hinman & Cowan, USDA EPQ E-722: 4-21, 1946.
 Wallace et al., Cal. Dept. Agr. B. 33: 239, 1945.
- CAMNULA PELLUCIDA - GYNANDROMORPHS**
 i Friauf, Mich. Univ. Mus. Zool. Occas. Papers 501:2-4, 1947.
- CAMNULA PELLUCIDA - PARASITES**
 Smith, Quebec Soc. Protect. Plants R. 29:114-115, 1945.
- CAMNULA PELLUCIDA & TEMPERATURE**
 Scott, J. Ec. Ent. 38:460, 1945.
- CAMP INSECTS**
 i Guyton, Pa. Game News 17(1):13,31, 1946.
 i Longworth, Camping Mag. 19(4):17-19; (6):15-16, 27, 1947.
 i Tower, Maine For. Serv. C. 7,8 p., 1947.
- CAMP INSECTS - INSECTICIDES - DDT**
 Balch & Reeks, N. B. Dept. Lands & Mines R. 109:125, 1946.
 Lewis, Camping Mag. 18(6):13, 1946.

CAMP INSECTS - INSECTICIDES - DDT
--Continued.

- Twinn & Balch, Can. Dept. Agr. Div.
Ent. Processed Pub. 38,8 p., 1946;
39,3 p., 1946.
- CAMPONOTUS** Mayr
Haskins, Can. Nature 8:142, 1946.
- CAMPONOTUS - DUSTS - DDT**
Dove, USDA EPQ E-673:12, 1945.
- CAMPONOTUS - TELEPHONE POLES**
Potter, Conn. B. 512:111, 1946.
- CAMPONOTUS** sp.
Fautin, Ecol. Monog. 16:269,274,290,
1946.
- CAMPONOTUS CASTANEUS** (Latr.) -
HABITS & BEHAVIOR
Rau, Ent. News 56:118, 1945.
- CAMPONOTUS ETIOLATUS** Whlrr.
Haskins, Can. Nature 8:142, 1946.
- CAMPONOTUS HERCULEANUS PENN-
SYLVANICUS** (Deg.) (**BLACK CAR-
PENTER ANT**)
i Back, USDA Leaf. 147 rev.:5, 1946.
i Berger, Ill. Nat. Hist. Surv. C. 41:
6-9, 1947.
Bird & Mitchener, Can. Ins. Pest Rev.
24:73, 1946.
Mitchener, Manitoba Dept. Agr. & Im-
migr. Pub. 213:7-9, 1947.
Wressell, Can. Ins. Pest Rev. 24:59,
1946.
- CAMPONOTUS HERCULEANUS PENN-
SYLVANICUS - BIBLIOGRAPHY**
Townsend, Ky. C. 59,27 p., 1945.
- CAMPONOTUS HERCULEANUS PENN-
SYLVANICUS - HABITS & BEHAV-
IOR**
Rau, Ent. News 56:118, 1945.
- CAMPONOTUS MACULATUS VICINUS**
Mayr, *see* **CAMPONOTUS SANSA-
BEANUS VICINUS** Mayr
- CAMPONOTUS SANSABEANUS VICINUS**
Mayr
Fautin, Ecol. Monog. 16:274, 1946.
- CAMPONOTUS USTUS** Forel
i Martorell, P. R. Univ. J. Agr. 29:
559-561, 1945.
- CAMPOPLEGIDEA FLAVESCENS** Walley
Krauss, Hawaiian Ent. Soc. P. 13:9,
1947.
- CAMPOPLEX** Grav.
Arbuthnot, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:30, 1947.
- CAMPOPLEX** sp.
Deay, Ind. R. 60:68, 1947.
- CAMPOPLEX ALKAE** (Ell. & Sacht.)
Arbuthnot et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 6):3.
Clark & Jones, USDA EPQ Ins. Pest
Surv. Sp. Sup. (1946, No. 3):3, 1946.
- CAMPOPLEX HYALINUS** (Prov.)
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:12, 1947.
- CAMPOPLEX MULTICINCTUS** Grav.
Arbuthnot et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 6):3.
Clark & Jones, USDA EPQ Ins. Pest
Surv. Sp. Sup. (1946, No. 3):3, 1946.

CAMPOPLEX MUTABILIS (Holmg.)

- Graham, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:69,71,74, 1947.
- CAMPOPLEX PYRAUSTAE** Smith
Arbuthnot et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 6):3.
- CAMPOPLEX RUFIFEMUR** (Thoms.)
Graham, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:69-70,73-74, 1947.
- CAMPSOMERIS PLUMIPES** (Drury) &
POLLINATION - ALFALFA
Linsley, J. Ec. Ent. 39:27-28, 1946.
- CAMPSOMERIS TRIFASCIATA** (F.)
i Martorell, P. R. Univ. J. Agr. 29:
432, 1945.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:536, 1946.
- CAMPTOCLADIUS ATERRIMUS** (Meig.)
see **SMITTIA ATERRIMUS** (Meig.)
- CAMPYLENCHIA LATIPES** (Say)
Leech, B. C. Ent. Soc. P. 42:8, 1945.
- CAMPYLOMMA VERBASI** (Meyer)
(**MULLEIN LEAF BUG**)
Neary, N. S. Dept. Agr. & Mktg. R. f.
1944/45:104, 1946.
Neary, N. S. Fruit Grow. Assoc. R.
82:36, 1945.
Patterson & Neary, Can. Ins. Pest
Rev. 24:15, 1946; 25:89, 1947.
- CANDY INSECTS**
Allured et al., Mfg. Confect. 26(10):
27-30, 1946.
Feiner, Internatl. Confect. 55(5):36-
37,64, (9):52,54; (11):38,40, 1945.
- CANE FRUIT INSECTS, see BRAMBLE
INSECTS**
- CANKER OF CACAO, see under genera
LAGOCHIRUS; LEPTURGES**
- CANKER OF PEACH, see under genera
GRAPHOLITHA; SANNINOIDEA,
SCOLYTUS; SYNANTHEDON, and
PEACH INSECTS & PLANT DIS-
EASE - CANKER OF PEACH**
- CANKERWORMS**
Conklin, N. H. B. 363,42, 1945.
i Curran, Nat. Hist. 55:155, 1946.
Dean et al., Kans. Ent. Soc. J. 18:93,
1945.
Howard & Brooks, Cal. Ext. C. 117
rev.:35, 1947.
Leaver, R. I. Dept. Agr. & Conserv.
R. 11:32, 1946.
Seifert, Ill. Dept. Agr. R. 30:220,
1947.
Smith, Cal. Ext. C. 46 rev.:42, 1947.
Smith et al., Kans. Ent. Soc. J. 19:
45, 1946; 20:50,58, 1947.
i Westcott, Home Gard. 5(3):54-55,
1945.
- CANKERWORMS - INSECTICIDES**
Eddy, R. I. Dept. Agr. & Conserv. R.
10:43, 1945.
Lecrone, Okla. Ext. C. 108 rev.:17,
1946.

- CANKERWORMS - INSECTICIDES - DDT
Borden, Cal. C. 365:75-76, 1946.
Rex, Shade Tree 20(2):1-3; (4):4, 1947.
Zappe et al., Conn. B. 501:39-40, 1946.
- CANNING PLANTS - PEST CONTROL
Bishopp, Canner 102(10):18, 1946.
Evans, Canner 103(9):32,34, 1946.
i Fisher, Food Packer 27(2):49-50, 1946.
Steinweden, Cal. Dept. Agr. B. 34:178, 1945.
- CANTHARIASIS
b Palmer, J. Parasit. 32:54-55, 1946.
- CANTHARIDAE
i Fender, Can. Ent. 77:37-39, 1945.
Fender, Coleopterists' Bul. 1:30, 1947.
- CANTHARIS VESICATORIA (L.), see
LYTTA VESICATORIA (L.)
- CANTHON NIGRICORNIS (Say) - AB-
NORMALITIES
i Robinson, Ent. News 58:259, 1947.
- CANTHON PILULARIUS (L.)
Cooper, Ky. R. 58:49, 1946.
- CAPITOPHORUS CHRYSANTHEMI Theob.
Jensen, Hawaiian Ent. Soc. P. 12:487, 1946.
- CAPITOPHORUS FRAGAEFOLII (Ckll.)
(STRAWBERRY APHID)*
Webster, Wash. Ext. B. 246 rev.:21, 1946.
- CAPITOPHORUS GILLETTEI Theob., C.
LONGINECTARIUS Gill. & Palm.,
C. MAGNAUTENSIS Knowlt. &
Smith, C. OESTLUNDI Knowlt.
Knowlton, Kans. Ent. Soc. J. 20:26, 1947.
- CAPITOPHORUS RIBIS (L.) (CURRANT
APHID)*
Arnason et al., Can. Ins. Pest Rev. 24: 89, 1946.
Bird & Mitchener, Can. Ins. Pest Rev. 24:71, 1946.
Manson et al., Can. Ins. Pest Rev. 24: 98, 1946; 25:93, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:32-33, 1946.
Peterson, Can. Ins. Pest Rev. 24:106, 1946.
i Quaintance & Porter, USDA FB 1398 rev.:15-16, 1946.
Ross, Can. Ins. Pest Rev. 24:47, 1946.
Thompson, Can. Ins. Pest Rev. 24:41, 1946.
- CAPITOPHORUS UTENSUS Pack., C.
WASATCHII Knowlt. & Knowlt., C.
XANTHII (Oest.), C. ZOOMON-
TANUS Knowlt. & Smith
Knowlton, Kans. Ent. Soc. J. 20:26, 1947.
- CAPNIIDAE
bni Hanson, Amer. Mid. Nat. 35:193-249, 1946.
- CAPNOBOTES OCCIDENTALIS (Thos.)
Fautin, Ecol. Monog. 16:265, 1946.
- CAPPARIS LEAF WEBBER, see DI-
CHOGAMA REDTENBACHERI Led.
- CAPPARIS POD BORER, see DICHOG-
AMA GUDMANNI Hedem.
- CARABIDAE - IOWA
i Jaques & Redlinger, Iowa Acad. Sci. P. 52:293-298, 1946.
- CARABIDAE - VANCOUVER ISLAND
Guppy, Coleopterists' Bul. 1:51-52, 1947.
- CARABINAE - NEVADA
b La Rivers, South. Cal. Acad. Sci. B. 45:133-140, 1947.
- CARABUNIA MYERSI Watrst. - EGGS &
LARVAE
Maple, Cal. Univ. Pub. Ent. 8:70, 1947.
- CARABUS L. - NORTH AMERICA
Hatch, Bklyn. Ent. Soc. B. 41:71, 1946.
nik Van Dyke, Ent. Amer. 24:87-137, 1945.
- CARAGANA APHID, see MACROSIPHUM
CARAGANAE Cholodk.
- CARAGANA BLISTER BEETLES, see
LYTTA NUTTALLI Say; L. VIRI-
DANA Lec.
- *CARAGANA PLANT BUG, see LOPIDEA
DAKOTA Kngt.
- CARCELIA AMPLEXA (Coq.)
Madden & Chamberlin, USDA TB 896: 48, 1945.
- CARDIOCHILES Nees - MEXICO
nik Mao, Pan-Pac. Ent. 21:125-134, 1945.
- CARIBLATA STENOPHYS Rehn & Heb
Martorell, P. R. Univ. J. Agr. 29:357, 1945.
- CARNATION INSECTS - AEROSOLS
Blauvelt & Hoffman, N. Y. St. Flower
Grow. B. 29:5, 1947.
- CARNEOCEPHALA FULGIDA Nott. &
ALFALFA DWARF DISEASE
Hewitt et al., Phytopath. 36:117-128, 1946.
- CARNEOCEPHALA FULGIDA &
PIERCE'S DISEASE OF GRAPE-
VINES
Hewitt et al., Phytopath. 36:117-128, 1946.
Freitag et al., Wine Rev. 13(2):20,22, 28, 1945.
Houston et al., Phytopathology 36:401-402, 1946. (Abs.)
b Houston et al., Phytopathology 37: 247-253, 1947.
McComb, Cal. Fruit & Veg. Rev. 6(1): 21, 1945.
- CARNEOCEPHALA TRIGUTTATA Nott.
& PIERCE'S DISEASE OF GRAPE-
VINES
b Frazier & Freitag, Phytopathology 36:634-637, 1946.
- CARNIVOROUS PLANTS, see INSEC-
TIVOROUS PLANTS
- *CAROLINA GRASSHOPPER, see DIS-
SOSTEIRA CAROLINA (L.)
- *CAROLINA MANTIS, see STAGMOMAN-
TIS CAROLINA Johann.
- CAROLINAIA CYPERI Ainsl. & MOSAIC
OF SUGAR CANE
Jensen, Hawaiian Ent. Soc. P. 12:563-564, 1946.
- CARPENTER ANTS, see CAMPONOTUS
Mayr
- *CARPENTERWORM, see PRIONOXY-
TUS ROBINIAE (Peck)
- *CARPET BEETLE, see ANTHRENUS
SCROPHULARIAE (L.)

CARPET BEETLES

- Gardiner, Can. Min. Agr. R. f. 1946/47:96.
 Michelbacher, Pests 15(6):8,10,12, 1947.
 Warrick, Water & Sewage Works 93: 331, 1946.
 CARPET BEETLES, *see also* ANTHREUS F; ATTAGENUS Latr.
 CARPET BEETLES - STORED GRAIN
 Cotton, Pest Control & Sanit. 2(12) 13, 1947.
 *CARPET MOTH, *see* TRICHOPLAGA TAPETZELLA (L.)
 CARPHOBORUS BICRISTATUS Chap.
 Beal & Massey, Duke Univ. School For. B. 10:74-75, 1945.
 CARPHOBORUS BIFURCUS Eichh.
 Beal & Massey, Duke Univ. School For. B. 10:75, 1945.
 CARPOCAPSA POMONELLA (L.) (CODLING MOTH)*
 Annand, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:37, 1946.
 Baker, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945-6-7, 1946.
 Baker & Michelbacher, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944-5-6, 1945.
 Cooper, Ky. R. 57:30, 1945.
 Davis, Ind. Acad. Sci. P. 56:150, 1947?
 Dewey, N. Y. St. Hort. Soc. P. 92:56, 59, 1947.
 Edmondson, Wyo. Ext. C. 58 rev.:27, 1945.
 Flock, Ariz. St. Ent. R. f. 1944:19, 1945.
 Hamilton, N. Y. St. Hort. Soc. P. 90: 207-210, 1945, 92:161-162, 1947.
 Henney, Colo. R. 58:18, 1945.
 Houser, Ohio St. Hort. Soc. P. 100:20-22, 1947.
 i Mills & Dewey, N. Y. (C.) Ext. B. 711:11-15,30,33-37,48-49,52,75, 1947.
 bi Porter, Smithsn. Inst. R. f. 1944: 347-355, 1945.
 Ragland & Overcash, Miss. Farm Res. 10(12):8, 1947.
 Rasmussen et al., N. H. Ext. C. 280:5, 1947.
 Ritcher, Ky. Fruit Notes 3(3):1, 1946.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:8; f. 1945/46: 16-17; f. 1946/47:15-16.
 Slate, Conn. B. 484:62-63, 1945.
 Townsend, Conn. B. 512:83-84, 1946.
 i U. S. Camera 8(1):37, 1945.
 CARPOCAPSA POMONELLA - BANDS
 Davis, Ind. Hort. Soc. Trans. 84:17, 1945.
 Graham et al., Md. Ext. B. 105:5-6, 1945.
 Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:70,73-75, 1945.
 i Porter, Smithsn. Inst. R. f. 1944:348-349, 1945.
 Ritcher, Ky. Fruit Notes 2(11):7-8, 1945.
 CARPOCAPSA POMONELLA - BANDS, CHEMICAL
 Graham et al., Md. Ext. B. 112:5-6, 1946.

CARPOCAPSA POMONELLA - BANDS, CHEMICAL--Continued.

- Lecrone, Okla. Ext. C. 108 rev.:18-19, 1946.
 Sherwood, W. Va. Ext. C. 320 rev.: 23-24, 1946.
 i Ohio B. 655:52-53, 1945.
 CARPOCAPSA POMONELLA - BARK REMOVAL
 Chandler, Ill. St. Hort. Soc. News Let. No. 3:1, 1945.
 Farrar, Ill. St. Hort. Soc. Trans. 78: 73-75, 1945.
 Olney, Ky. Fruit Notes 3(4):2-3, 1947.
 Overley, Wash. B. 470:86-87, 1945.
 CARPOCAPSA POMONELLA - BIOLOGY
 Armstrong, Can. Ent. 77:231-233, 1945.
 Basinger & Smith, Cal. Dept. Agr. B. 35:37-38, 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46: 69.
 Townsend, Conn. B. 501:82-83, 1946.
 CARPOCAPSA POMONELLA - CANADA
 Cannon, Can. Ins. Pest Rev. 24:11, 1946.
 Downes, Can. Ins. Pest Rev. 24:126, 1946.
 Downes et al., Can. Ins. Pest Rev. 25: 88, 1947.
 Gardiner, Can. Min. Agr. R. f. 1945/46: 17,63,67-69; f. 1946/47:84-86.
 Gauthier, Can. Ins. Pest Rev. 24:30, 1946.
 Maxwell, Can. Ins. Pest Rev. 24:22, 1946.
 Neary, N. S. Dept. Agr. R. f. 1943/44: 102, 1945; f. 1944/45:104, 1946; f. 1945/46:92, 1947.
 Neary, N. S. Fruit Grow. Assoc. R. 82:35, 1945; 83:23, 1946; 84:114, 1947.
 Patterson & Neary, Can. Ins. Pest Rev. 24:14, 1946.
 Robertson, B. C. Dept. Agr. R. 41: W74-W76, 1947.
 Ross, Can. Ins. Pest Rev. 24:45, 1946.
 Thompson, Can. Ins. Pest Rev. 24:40, 1946.
 Twinn, Can. Ins. Pest Rev. 23:5, 1945.
 Venables, Can. Ins. Pest Rev. 24:119, 1946.
 Wressell, Can. Ins. Pest Rev. 24:57, 1946.
 CARPOCAPSA POMONELLA - CHERRIES
 Smith, Cal. Ext. C. 46 rev.:43, 1947.
 CARPOCAPSA POMONELLA - CONTROL
 i Ayars, Amer. Fruit Grow. 65(6):9, 18-19,21, 1945.
 Chandler, Ill. St. Hort. Soc. Trans. 78:294-295, 1945; 79:126-128, 1946; 80:133-134, 1947.
 i Chandler, Ill. B. 519:295-330, 1946.
 Childs et al., Oreg. Ext. B. 663:2-3, 1946.
 Cutright & Vogel, Ohio St. Hort. Soc. P. 78:48-66, 1945.
 Cutright et al., Ohio Bimo. B. 30:195-199, 1945.

CARPOCAPSA POMONELLA - CONTROL--Continued.

- Davis, Ind. Hort. Soc. Trans. 84:16-18, 1945.
 Dewey, N. Y. St. Hort. Soc. P. 90:33-35, 1945.
 Fillinger, Kans. C. 235:12-15, 1948.
 Frederickson, Md. Agr. Soc. R. 29:117, 1945.
 Graham et al., Md. Ext. B. 105:3-6, 1945.
 Haseman, Mo. B. 491:19-20, 1946.
 Kelley, Ill. St. Hort. Soc. Trans. 79:246,262-263, 1946.
 i Lechrone, Okla. Ext. C. 108 rev.:17-19, 1946.
 Raffensperger, Md. St. Hort. Soc. P. 47:19-20, 1945; 48:22-25, 1946.
 Sherwood, W. Va. Ext. C. 320 rev.:7-23, 1946.
 i Simpson, Amer. Fruit Grow. 65(3):15,36-37, 1945.
 Slate, Conn. R. f. 1944/45:19-20; f. 1945/46:10.
 i Talbert, Gen. Hort.:178-181, 194, 1946.
 i Va. Ext. B. 131 rev.:11-12, 1947.
 Wash. Ext. B. 279 rev.:3-12, 1946.

CARPOCAPSA POMONELLA - CULTURAL CONTROL

- Cooper, Fruit Varieties & Hort. Digest 1(1):16, 1946.
 b Whitehead, J. Ec. Ent. 39:69-76, 1946.

CARPOCAPSA POMONELLA - DELAWARE

- Stearns, Cumberland-Shenandoah Fruit Workers' Conf. P. 23. [14], 1946.

CARPOCAPSA POMONELLA - DUSTS

- Brown, N. Y. St. Hort. Soc. P. 90:210-213, 1945.
 Evans et al., N. Y. (C.) R. 57:121-122, 1945.
 Hamilton, N. Y. St. Hort. Soc. P. 91:200-205, 1946.
 Harman, N. Y. (G.) Farm Res. 11(3):10,12, 1945.

CARPOCAPSA POMONELLA - ERADICATION

- Lyle, J. Ec. Ent. 40:4, 1947.

CARPOCAPSA POMONELLA - EVALUATING DAMAGE

- Graham, Iowa St. Col. J. Sci. 22:33-35, 1947.

CARPOCAPSA POMONELLA - FUMIGANTS

- i Bord & Dawson, Amer. Fruit Grow. 65(11):14-15,24,31-32, 1945.

CARPOCAPSA POMONELLA - FUNGUS DISEASES

- Jaynes & Marucci, J. Ec. Ent. 40:23-25, 1947.

CARPOCAPSA POMONELLA - HIBERNATION

- bi Siegler, J. Agr. Res. 72:329-340, 1946.

CARPOCAPSA POMONELLA - INDIANA
 Gilbert, N. J. St. Hort. Soc. Hort. News 26:1674,1677, 1945.

CARPOCAPSA POMONELLA - INSECTICIDES

- Annand, USDA EPQ R. f. 1943/44:2-3; f. 1944/45:11; f. 1945/46:2,11; f. 1946/47:10,12,22,27.
 Barnes, N. Y. St. Hort. Soc. P. 91:153-155, 1946.
 Bourne & Whitcomb, Mass. B. 436:37-38, 1946.
 Harman, N. Y. St. Hort. Soc. P. 90:46-53, 1945; 92:37-41, 1947.
 Harman, N. Y. (G.) R. 64:31-32, 1946.
 Harman & Brann, N. Y. (G.) R. 63:22, 1945; 65:15, 1947.
 Mayer & Gahan, USDA EPQ E-646:1, 1945.
 Overley, Wash. B. 470:87-88, 1945.
 Parker, Kans. Bien. R. 13:66, 1946.
 Plummer, East. Fruit Grow. 9(6):6, 1946.
 Weinman & Powell, Ill. St. Hort. Soc. Trans. 80:113,115,117-120, 1947.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:23,117-119, 1945.
 Du Pont de Nemours & Co., Oil, Paint & Drug Rptr. 150(21):81, 1946.
 W. Va. Agr. Expt. Sta. & USDA EPQ, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [6-13], 1946.

CARPOCAPSA POMONELLA - INSECTICIDES - DDT

- Annand, New Internatl. YB 1944:296, 1945.
 Baker & Porter, USDA EPQ E-637:1-4, 1945.
 Brann, N. Y. St. Hort. Soc. P. 92:172-179, 1947.
 Buchanan, Wash. B. 482:40, 1946.
 Chandler, Ill. St. Hort. Soc. Trans. 79:127-128, 1946.
 Conklin, N. H. Hort. Soc. J. 9:50, 1946.
 Dewey, N. Y. St. Hort. Soc. P. 91:78, 1946.
 Goodrich, N. Y. St. Hort. Soc. P. 92:42-45, 1947.
 Graham, J. Ec. Ent. 38:272-273, 1945.
 Harman, J. Ec. Ent. 38:280-281, 1945.
 Hough, Mountaineer Grow. 15(156):17, 19-21,24, 1945.
 Hubbard, Jr., N. Y. St. Hort. Soc. P. 91:209-212, 1946.
 Hutson et al., Mich. St. Hort. Soc. R. 75:19-29, 1946.
 Jardine et al., USDA OES R. f. 1944/45:52,53, 1946.
 Ross, Can. Hort. Grow. Ed. 68:34, 1945.
CARPOCAPSA POMONELLA - INSECTICIDES - DDT - RELATED COMPOUNDS
 Haller, Indus. & Engin. Chem. Indus. Ed. 39:468-469, 1947.
CARPOCAPSA POMONELLA - KANSAS
 Dean et al., Kans. Ent. Soc. J. 18:95, 1945.
 Smith et al., Kans. Ent. Soc. J. 19:46, 1946; 20:50,58, 1947.

- CARPOCAPSA POMONELLA - LAR-VAE - RESPIRATION & TOXICOLOGY**
 bi Graham, Roy. Soc. Can. Trans. 40 Sect. 5:43-76, 1946.
- CARPOCAPSA POMONELLA - LOSSES CAUSED BY**
 Hodson, Minn. Hort. 73:102-103, 1945.
 Marshall, Ind. Hort. Soc. Trans. 84: 23-24, 1945.
 Marshall, Ind. R. 59:64, 1946.
 Miller, East. Fruit Grow. 8(10):5, 1945
- CARPOCAPSA POMONELLA - MEXICO**
 Gomez, Fitófilo 4:144, 1945.
- CARPOCAPSA POMONELLA - ORCHARD SANITATION**
 Borden, Pear Grow. League Ann. Mar. 1946:24.
 Burkholder, Ohio St. Hort. Soc. P. 78: 85-91, 1945.
 Chandler, Hoosier Hort. 27:24-25, 1945.
 i Chandler, Ill. B. 519:302-305, 1946.
 Chandler, Ill. St. Hort. Soc. Trans. 79: 126-127, 1946.
 Cutright et al., Ohio Bimo. B. 30:196-198, 1945.
 Davis, Ind. Hort. Soc. Trans. 84:16-17, 1945.
 Farrar, Ill. St. Hort. Soc. Trans. 78: 73-75, 1945.
 Graham et al., Md. Ext. B. 112:6-7, 1946.
 Marshall, East Fruit Grow. 8(5):12, 17, 1945.
 Marshall, Hoosier Hort. 27:26-27, 1945.
 Porter, Smithsn. Inst. R. f. 1944:348-349, 1945.
 Powell et al., Ill. Ext. C. 568 rev.:3-5, 1946.
 Sherwood, W. Va. Ext. C. 320 rev.:22-23, 1946.
 Ohio B. 655:53-54, 1945; 670:54, 1947.
- CARPOCAPSA POMONELLA - OVIPOSITION**
 Basinger & Smith, Cal. Dept. Agr. B. 35:37-38, 1946.
 Van Leeuwen, J. Ec. Ent. 40:744-745, 1947.
- CARPOCAPSA POMONELLA - PACKING SANITATION**
 Davis, Ind. Hort. Soc. Trans. 84:17, 1945.
 Graham et al., Md. Ext. B. 105:6, 1945
 Williams, Conn. Pom. Soc. P. 55:33, 1946.
- CARPOCAPSA POMONELLA - PARASITES**
 Annand, USDA EPQ R. f. 1944/45:24.
 b Boyce, Quebec Soc. Protec. Plants R. 30:96-100, 1947.
 Gardiner, Can. Min. Agr. R. f. 1945/46: 79; f. 1946/47:97.
 b Haussler, J. Ec. Ent. 38:103-106, 1945.
 Jaynes & Marucci, J. Ec. Ent. 40:9-13, 23-25, 1947.
 Porter, Smithsn. Inst. R. f. 1944:352-353, 1945.
 Simmonds, Can. Ent. 79:41-44; 227-232, 1947.
- CARPOCAPSA POMONELLA - PEARS**
 Armstrong, Can. Ent. 77:231-233, 1945.
 Borden, Pear Grow. League Ann. Mar. 1946:23-25.
 Rasmussen et al., Mich. Ext. B. 154 rev.:41-42, 1945.
- CARPOCAPSA POMONELLA - POPULATIONS**
 Miller, East. Fruit Grow. 8(10):5, 1945.
 Miller, Va. Fruit 34(1):124, 1946.
- CARPOCAPSA POMONELLA - POPULATIONS - EFFECT OF SPRAYS**
 Childs, J. Ec. Ent. 40:452, 1947.
 Pickett, N. S. Fruit Grow. Assoc. R. 84:74-77, 1947.
- CARPOCAPSA POMONELLA - PREDATORS**
 Jaynes & Marucci, J. Ec. Ent. 40:9-10, 13-23, 25, 1947.
- CARPOCAPSA POMONELLA - PRUNING TREES**
 Burkholder, East. Fruit Grow. 8(10): 10-11, 14-15, 18, 1945.
 Burkholder, Ill. St. Hort. Soc. Trans. 78:77-80, 1945.
 Burkholder, Ohio St. Hort. Soc. P. 78: 86-88, 1945.
- CARPOCAPSA POMONELLA - RESISTANCE TO INSECTICIDES**
 Chandler, Ill. B. 519:326, 1946.
 Cutright et al., Ohio Bimo. B. 30:195-196, 1945.
 Cutright & Vogel, Ohio St. Hort. Soc. P. 78:49, 51, 1945.
 Porter, Md. St. Hort. Soc. P. 47.11, 1945.
 Porter, Smithsn. Inst. R. f. 1944:353-354, 1945.
 Quayle, Cal. Citrog. 30:98, 1945.
 Slate, Conn. R. f. 1944/45:19-20; f. 1945/46:10.
 Steiner et al., Ind. Hort. Soc. Trans. 85:45, 1946.
 Whitehead, Okla. Acad. Sci. Proc. 25: 30-33, 1945.
 Whitehead & Bewick, Okla. Acad. Sci. P. 27:41, 1947.
- CARPOCAPSA POMONELLA - SPRAYS**
 Armstrong, Ky. Fruit Notes 3(1):1-3, 1946.
 Bacon et al., Cal. C. 365:85, 1946.
 i Batchelor et al., Cal. C. 364:21-23, 1945.
 Beaulieu, Quebec Soc. Protect. Plants R. 29:38-39, 1945?
 Borden, Cal. C. 365:72-73, 75-76, 1946
 Bourne et al., Mass. B. 441:34-35, 1947.
 Burkholder, Md. Fruit Grow. 15(3):1-2, 4, 8, 1945.
 Burkholder & Ford, Ind. R. 58:71, 1945.
 Chandler, Ill. St. Hort. Soc. Trans. 78: 125-139, 1945; 79:274-288, 1946;
 80:179-189, 1947.
 Childs, Oreg. St. Hort. Soc. P. 39:65-68, 1947.
 Clark & Hoveland, Wis. B. 466:20-21, 1945; 472:23-24, 1947.

CARPOCAPSA POMONELLA - SPRAYS--
Continued.

- Cleveland, Amer. Pom. Soc. P. 60: 152-164, 1945?
Cleveland, Va. Fruit 33(1):170-183, 1945.
Cleveland, West. Colo. Hort. Soc. Trans. f. 1944:35-36, 1945.
Curry, N. Mex. R. 56:44-45, 1946? 57: 27-29, 1947?
Cutright, Amer. Fruit Grow. 66(2):14, 1946.
Cutright, Ohio B. 665:24-25, 1946.
Cutright & Vogel, Ohio St. Hort. Soc. P. 78:54-66, 1945.
Dustan et al., Sci. Agr. 26:107-108, 1946.
Eyer & Enzie, N. Mex. B. 338, 24 p., 1947.
Faeth, Iowa St. Hort. Soc. Trans. 80: 81-82, 1945.
Firor, Ga. Ext. B. 518:13, 1945; rev.: 14, 1946.
Fluke, Wis. Hort. 35:132, 1946.
Ford & Marshall, Ind. R. 58:7, 1945.
Gertler, USDA EPQ E-705:3-4, 1946; E-732:9-10, 1947.
Gould et al., Cumberland-Shenandoah Fruit Workers' Conf. P. 22: [13-17], 1945.
Graham, Md. Fruit Grow. 15(1):4, 1945.
Frederickson, Md. St. Hort. Soc. P. 47:19, 1945.
Graham, Iowa St. Col. J. Sci. 33, 1947.
Graham, Md. St. Hort. Soc. P. 47:15-19, 1945; 48:15-17, 1946.
Graham, Md. Agr. Soc. R. 31:116-122, 1947.
Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [18], 1946.
Graham & Cory, J. Ec. Ent. 40:752-754, 1947.
i Graham et al., Md. Ext. B. 112:3-5, 1946.
Guengerich, Iowa St. Hort. Soc. Trans. 80:82-83, 1945.
Haseman, Mo. B. 490:57, 1945; 510: 33-34, 1947.
Haseman, Mo. St. Hort. Soc. Hort. News 5(11):4-5, 1946.
Hockey et al., N. S. Fruit Grow. Assoc. R. 84:153-154, 1947.
Hopperstead, Agr. Chem. 2(6):26, 1947.
i Hough, Amer. Fruit Grow. 65(2):11, 30, 1945.
Hough, Amer. Pom. Soc. P. 60:178-185, 1945?
Hough, Cumberland-Shenandoah Fruit Growers' Conf. P. 22: [27-29], 1945.
Hough, N. Y. St. Hort. Soc. P. 90:190-194, 1945.
Hough, Md. St. Hort. Soc. P. 48:11-15, 1946.
i Hough, Va. B. 388, 11 p., 1946.
Hough, Mountaineer Grow. 17(163):7-8, 1947.
Hough & Hill, Va. R. f. 1946/47:32.
Hough et al., Va. R. f. 1945/46:34-35.
Howard & Brooks, Cal. Ext. C. 117 rev.:34,65,74,79, 1947.

CARPOCAPSA POMONELLA - SPRAYS--
Continued.

- Hutson, Mich. St. Hort. Soc. R. 75:29-30, 1946.
Ingerson, Can. Hort. Grow. Ed. 68: 92, 1945.
Kemp, Md. R. 60:15, 1947.
i Lathrop et al., Maine Ext. B. 353:9, 1947.
Lininger et al., Pa. B. 475:27-28, 1945.
List et al., West. Colo. Hort. Soc. Trans. f. 1945:145, 1946.
Marcovitch & Stanley, Tenn. R. 59: 93-94, 1947.
Marshall, Ind. Hort. Soc. Trans. 84: 23-25, 1945.
Marshall, Ind. R. 58:53, 1945; 59:63-64, 1946; 60:71, 1947.
b Marshall, Sci. Agr. 25:546-550, 1945.
Marshall, Can. Hort. Grow. Ed. 69: 201-202, 1946.
Marshall et al., Ind. Hort. Soc. Trans. 85:46-52, 1946; 86:23-26, 1947.
Martin, N. J. R. 66:51, 1946; 67:47, 1947?
Miller, East. Fruit Grow. 8(10):5-6, 17, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:14-18, 1945.
Murray, B. C. Ent. Soc. P. 43:37, 1947.
Newcomer, West. Colo. Hort. Soc. Trans. f. 1944:18-19, 1945. (Abs.)
Newcomer, Wash. St. Hort. Assoc. P. 43:21-22, 1947.
Newton, West. Colo. Hort. Soc. Trans. f. 1945:13-17, 1946.
Newton & List, West. Colo. Hort. Soc. Trans. f. 1944:15-16, 1945.
O'Neill, Oreg. St. Hort. Soc. R. 39:63-64, 1947.
O'Neill, Wash. St. Hort. Assoc. P. 43: 13-15, 1947.
Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:68-75, 1945.
Parks, Amer. Fruit Grow. 65(1):12, 28, 40, 1945.
Pepper, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [17], 1946.
Peterson, Peninsula Hort. Soc. Trans. 60:82-84, 1947.
Pickett et al., Sci. Agr. 26:591,594, 1946.
Porter, Md. Agr. Soc. R. 29:108-113, 1945.
Porter, Md. Fruit Grow. 15(1):2,4, 1945.
Porter, Md. St. Hort. Soc. P. 47:10-15, 1945.
Porter, Smithson. Inst. R. f. 1944:349-350, 1945.
Porter, Pa. St. Hort. Assoc. P. 87:86-88, 1946.
Powell et al., Ill. Ext. C. 568 rev.:14-16, 1946.
Raffensperger, Md. Agr. Soc. R. 29: 117-118, 1945; 30:115-118, 1946.
Raffensperger, Va. Fruit 34(2):4,6,8, 1946.

CARPOCAPSA POMONELLA - SPRAYS -- Continued.

- Rasmussen et al., Mich. Ext. B. 154 rev.:44-46, 1946.
 Reek, Ont. Agr. Col. & Expt. Farm R. 71:75, 1946.
 Rice, Cumberland-Shenandoah Fruit Workers' Conf. P. 22: [23, 25], 1945.
 Rice, Del. B. 259:18-19, 1945.
 Rice & Stearns, Del. B. 263:24, 1947.
 Richardson, Iowa R. f. 1944/45 pt. 1: 249; f. 1945/46 pt. 1:227-228; f. 1946/47 pt. 1:202-203.
 Richardson, Iowa St. Hort. Soc. Trans. 80:68-72, 1945, 81:129-131, 1946.
 Ritcher, Ky. Fruit Notes 2(10):4-5, 1945.
 Roark, USDA EPQ E-721:10, 1947.
 Robertson, B. C. Dept. Agr. R. 40: V50-V52, 1946.
 Ross & Armstrong, Can. Dept. Agr. Div. Ent. Processed Pub. 40, 2 p., 1946.
 Sherwood, Mountaineer Grow. 17(163): 6, 1947.
 b Slegler & Hall, J. Ec. Ent. 40:722, 1947.
 Stanley, Tenn. Hort. 25(1):3-4, 1947.
 Stark, Utah Farm. 64(10):3, 1945; 65 (6):17, 1945.
 Stearns & Parker, Peninsula Hort. Soc. Trans. 60:79-81, 1947.
 Stearns et al., J. Ec. Ent. 40:80, 1947.
 Steiner, Down to Earth 1(1):14-15, 1945.
 Steiner, N. Y. St. Hort. Soc. P. 90:195-207, 1945.
 t Steiner, Pa. B. 475 sup. 1.5-6, 1946.
 Steiner, Va. Fruit 34(1):135-153, 1946.
 Webster & O'Neill, Wash. B. 470:37-38, 1945.
 Whitehead & Bewick, Okla. Acad. Sci. P. 27:41-45, 1947.
 N. J. Ext. Spray Calendar 16:6; 17:5-6, 1946; 22:4-11, 1947.
 Ohio B. 655:2-3, 6-7, 9, 1945; 670:2, 6-7, 9, 1947.
 Oreg. C. Inform. 411:2-4, 1947.
 Wash. Ext. B. 279 rev., 16 p., 1947.

CARPOCAPSA POMONELLA - SPRAYS - DDT

- Borden, in Cal. Agr. Expt. Sta. Invest. with DDT in Cal. 1944:17-18, 1945.
 Borden, Blue Anchor 23(1):19-20, 22, 1946.
 Bourne & Whitcomb, Mass. B. 428:35, 1945.
 Brann, N. Y. St. Hort. Soc. P. 91:193-199, 1946.
 Childs, Amer. Fruit Grow. 66(2):30, 40, 1946.
 Childs, Wash. St. Hort. Assoc. P. 42: 39, 41-43, 45-47, 49-54, 1946.
 Childs, Can. Grow. 70(6):10-11, 22-23, 1947.
 Childs, J. Ec. Ent. 40:452, 1947.
 Childs, S. Dak. St. Hort. Soc. R. 44: 131-134, 1947.
 Childs & Robinson, USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946:16, 1946.

CARPOCAPSA POMONELLA - SPRAYS - DDT--Continued.

- Clark, Iowa St. Hort. Soc. Trans. 80: 75-81, 1945.
 Clark, N. Y. St. Hort. Soc. P. 91:213-214, 1946.
 Cutright, Ohio B. 673:62-63, 1947.
 Cutright & Vogel, Ohio St. Hort. Soc. P. 79:94-105, 1946.
 Decker, USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946:5-6, 1946.
 Dewey, USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946:14-15, 1946.
 Dustan & Putman, Can. Ent. 79:216, 219-220, 1947.
 Essig, Cal. C. 365:77-78, 1946.
 Farnsworth, Ohio St. Hort. Soc. P. 79: 135-136, 1946.
 Flebut et al., Rocky Mountain Conf. Ent. R. 18:7-8, 1947.
 Fleming, USDA EPQ E-724:12, 1947.
 Fluke et al., Wis. B. 469:42-43, 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46:16.
 Garman, Conn. B. 512:85-86, 1946.
 Goodrich, East. Fruit Grow. 8(9):16, 21, 25, 1945.
 Goodrich, N. Y. St. Hort. Soc. News Let. 1(5):3, 1945.
 Goodrich, N. Y. St. Hort. Soc. P. 91: 75-77, 1945.
 Gould, W. Va. B. 330:14-15, 1947.
 Graham, Md. Agr. Soc. R. 29:113-118, 1945, 30:108-110, 1946.
 Harman, N. Y. (G.) Farm Res. 11(2): 3-4, 1945, 12(2):1-2, 1946.
 Harman, J. Ec. Ent. 39:208-210, 1946; 40:256-258, 1947.
 Haseman et al., Mo. C. 309:6, 1946.
 Hixson et al., Neb. R. 60:53, 1947.
 Hough, Va. Fruit 33(1):184-191, 1945; 34:128-134, 1946.
 Hough, Can. Hort. Grow. Ed. 69:95-96, 110, 1946.
 Hough, J. Ec. Ent. 39:267, 1946.
 Hough, Md. Agr. Soc. R. 30:104-108, 1946.
 Hough, Peninsula Hort. Soc. Trans. 59:19-22, 1946.
 Hough, USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946:19, 1946.
 Hutson, Mich. Potato Grow. Exch. 26 (7):1-2, 1946.
 Jenkins, Iowa St. Hort. Soc. Trans. 80: 135-138, 1945.
 Jeppson, Cal. Citrog. 31:126, 1946.
 Lemmon, Blue Anchor 23(2):22-23, 1946.
 Lilly, Wis. Hort. 36:198, 1946.
 List, Colo. Farm B. 7(5):4, 14, 1945.
 List, USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946:4A-4B, 1946.
 List, West. Colo. Hort. Soc. Trans. f. 1945:75, 77-79, 1946; f. 1946:136-138, 140, 1947.
 i List & Newton, Colo. Farm B. 8(3): 9-12, 1946.

**CARPOCAPSA POMONELLA - SPRAYS -
DDT--Continued.**

- Lutz, Ohio St. Hort. Soc. P. 79:137-138, 1946.
Mantle, Ohio St. Hort. Soc. P. 79:136-137, 1946.
Marshall, Wash. St. Hort. Assoc. P. 42:66,68-70, 1946.
Meserve, Natl. Shade Tree Conf. P. 23:160, 1947.
bi Michelbacher, J. Ec. Ent. 38:352-355, 1945.
Michelbacher et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 29, 1945.
Michelbacher et al., J. Ec. Ent. 39: 812, 1946.
Miller, Mass. Fruit Grow. Assoc. R. 52:152-153, 1946.
Miller, Md. Agr. Soc. R. 30:110-115, 1946.
Miller, Md. St. Hort. Soc. P. 48:17-22, 1946.
Miller, Peninsula Hort. Soc. Trans. 59:32-34, 1946.
Miller, Va. Fruit 34(1):122-127, 1946.
Milliman, Better Fruit 41(8):7,36, 1947.
Newcomer, Wash. St. Hort. Assoc. P. 42:55,57-59, 1946.
Newton, West. Colo. Hort. Soc. Quart. B. 2(1):5-6, 1947.
Nichols et al., Iowa St. Hort. Soc. Trans. 80:104-105, 1945.
O'Neill, Agr. Chem. 2(6):16,71, 1947.
O'Neill & Lipovsky, Wash. St. Hort. Assoc. P. 42:61-65, 1946.
O'Neill et al., Wash. St. Hort. Assoc. Proc. 41:27-32, 1945.
Parks, Ohio St. Hort. Soc. P. 79:131-133, 1946.
Parks & Cutright, Ohio St. Hort. Soc. P. 79:133-135, 1946.
i Porter, Amer. Fruit Grow. 67(8):15, 42, 1947.
Putnam, N. Y. St. Hort. Soc. P. 92:45-49, 1947.
Rasmussen, N. Y. St. Hort. Soc. P. 92: 221, 1947.
Rice & Stearns, Peninsula Hort. Soc. Trans. 59:26-31, 1946.
b Richardson, J. Ec. Ent. 39:391-393, 1946.
Ross, Can. Dept. Agr. Div. Ent. Proc-essed Pub. 64:2, 1947.
Scarff, Ohio St. Hort. Soc. P. 79:140-141, 1946.
Stanley, Tenn. St. Hort. Soc. P. 41:78-79, 1947.
Steiner, Pa. B. 475 sup. 1:2-3, 1946.
Trullinger et al., USDA OES R. f. 1945/46:108, 1947.
Whitcomb et al., Mass. Fruit Grow. Assoc. R. 52:52-53,55, 1946.
Whitehead, Okla. Acad. Sci. P. 26:25-26, 1946.
USDA EPQ, DDT for Codling Moth Control, 3 p., 1946.

**CARPOCAPSA POMONELLA - SPRAYS -
DDT MIXTURES**

- Brannon et al., Wash. St. Hort. Assoc. P. 43:8-11, 1947.

**CARPOCAPSA POMONELLA - SPRAYS -
DDT MIXTURES--Continued.**

- Carman, Cal. Citrog. 31:126-127, 1946.
i Chandler, Ill. St. Acad. Sci. Trans. 39:132-134, 1946.
Cooper, Ky. R. 58:47, 1946; 59:48, 1947.
Dutton, Ohio St. Hort. Soc. P. 79:138-140, 1946.
Farrar, Ill. St. Hort. Soc. Trans. 78: 139-142, 1945.
Gardner, Ohio St. Hort. Soc. P. 79: 142-143, 1946.
Hough, Amer. Fruit Grow. 66(2):17, 35-36, 1946.
Hough, Mountaineer Grow. 16(160):9, 11-13,15, 1946.
Marshall & Miles, Wash. St. Hort. Assoc. P. 43:109-114, 1947.
Reed et al., Amer. Fruit Grow. 66(2): 16,41-42,44,46-47, 1946.
Richardson, Iowa St. Hort. Soc. Trans. 82:138, 1947.
**CARPOCAPSA POMONELLA - SPRAYS -
EFFECT ON APHIDS**
Michelbacher et al., Cal. C. 365:87-90, 1946.
**CARPOCAPSA POMONELLA - SPRAYS -
EFFECTIVENESS**
Cutright et al., Ohio Bimo. B. 30:199, 1945.
**CARPOCAPSA POMONELLA - SPRAYS -
TESTS**
Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77-78, 1946.
i Dean et al., J. Ec. Ent. 39:523-526, 1946.
Dustan et al., Can. Ent. 79:45,49-50, 1947.
Graham & Cory, Md. St. Hort. Soc. P. 49:27-33, 1947.
Harman, N. Y. St. Hort. Soc. P. 91: 69-75, 1946.
Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [15], 1946.
Parker & Beachor, Del. B. 264:22-23, 25, 1947.
Parker & Eshbaugh, J. Ec. Ent. 40: 861-864, 1947.
Pickett, N. S. Fruit Grow. Assoc. R. 84:76-77,79-80, 1947.
Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[23], 1946.
b Siegler & Bowen, J. Ec. Ent. 39: 673-674, 1946; 40:576-577, 1947.
Siegler & Fleck, J. Ec. Ent. 38:716-717, 1945.
Siegler & Gertler, J. Ec. Ent. 38:708-709; 715, 1945; 39:416-417; 549; 662; 670; 674, 1946.
Steiner et al., Ind. Hort. Soc. Trans. 84:26-39, 1945; 85:29-46, 1946; 86: 83-97, 1947.
Weinman, J. Ec. Ent. 40:567-568, 1947.
**CARPOCAPSA POMONELLA - SPRAYS -
TREE TRUNK**
b Carlson & Yothers, J. Ec. Ent. 38: 723, 1945; 39:408-409; 409-410, 1946.

- CARPOCAPSA POMONELLA - SPRAYS - TREE TRUNK--Continued.**
b Yothers & Carlson, J. Ec. Ent. 38: 723-724, 1945; 39:407-408, 1946.
b Yothers & Carlson, USDA EPQ E-712,7 p., 1947.
- CARPOCAPSA POMONELLA - THINNING APPLES**
Burkholder, East. Fruit. Grow. 8(10): 15,18, 1945.
Burkholder, Ohio St. Hort. Soc. P. 78: 90-91, 1945.
- CARPOCAPSA POMONELLA - TRAPS**
Childs, J. Ec. Ent. 40:452, 1947.
Marshall, East Fruit Grow. 8(5):17, 1945.
- CARPOCAPSA POMONELLA - TRAPS - BAIT**
Curry, N. Mex. R. 57:29, 1947?
i Eyer, J. Ec. Ent. 38:344-346, 1945.
i Filing, Kans. C. 235:13-14, 1946.
Gunderson, Iowa St. Hort. Soc. Trans. 80:120-124, 1945.
Miller, Peninsula Hort. Soc. Trans. 59: 32-34, 1946.
Rice & Stearns, Peninsula Hort. Soc. Trans. 59:28,31, 1946.
Whitehead, J. Ec. Ent. 39:411-413, 1946.
- CARPOCAPSA POMONELLA - TRAPS - LIGHT**
b Herms, Hilgardia 17:360-363,370, 372-373, 1947.
- CARPOCAPSA POMONELLA - WALNUTS**
Boyce, Diamond Walnut News 28(3): 12-13, 1945.
Houser, Amer. Fruit Grow. 67(6):36, 1946.
Jeppson, Cal. Citrog. 31:126, 1946.
bi Michelbacher, J. Ec. Ent. 38:347-355, 1945.
i Michelbacher & Middlekauff, Cal. Agr. 1(7):1-2, 1947.
Michelbacher & Swanson, Diamond Walnut News 28(3):6-7, 1946.
Michelbacher et al., Cal. C. 365:78-84, 1946.
- CARPOCAPSA POMONELLA & BACTERIAL BLIGHT OF WALNUTS**
bi Michelbacher, J. Ec. Ent. 38:353, 1945.
- CARPOCAPSA POMONELLA & TEMPERATURE**
Cutright & Vogel, Ohio St. Hort. Soc. P. 78:48-51,59-60, 1945.
Filing, Kans. C. 235:13, 1946.
bi Siegler, J. Agr. Res. 72:329-340, 1946.
- CARPOCAPSA POMONELLA & WEATHER**
Chandler, Ill. B. 519:301-302, 1946.
Dewey, N. Y. St. Hort. Soc. P. 90:34-35, 1945.
Parker & Eshbaugh, J. Ec. Ent. 40: 861-862, 1947.
Steiner, Va. Fruit 34(1):136-138, 1946.
- CARPOGLYPHUS LACTIS (L.) (DRIED-FRUIT MITE)***
Condit, Fig:178, 1947.
- CARPOGLYPHUS PASSULARUM Hering, see CARPOGLYPHUS LACTIS (L.)**
- CARPOPHILUS Steph. - PEANUTS, SHELLED**
Bissell & Du Pree, J. Ec. Ent. 39: 550-552, 1946.
- CARPOPHILUS - SENSE ORGANS**
bi Gillogly, Pan-Pac. Ent. 23:134-136, 1947.
- CARPOPHILUS sp.**
Lauderdale, Ariz. St. Ent. R. f. 1945/46:17,19.
- CARPOPHILUS DIMIDIATUS (F.) (CORN SAP BEETLE)***
Barnes & Lindgren, Date Grow. Inst. R. 23:34-35, 1946; 24:3-4, 1947.
Condit, Fig:184-185, 1947.
Donohoe, Pests 14(10):16, 1946.
Parker, Ariz. St. Ent. R. f. 1946/47: 27.
Stuckey, Ga. R. 59:92, 1947.
- CARPOPHILUS DIMIDIATUS - RICE, STORED**
Balzer & Cotton, USDA FB 1906 rev.: 5, 1947.
- CARPOPHILUS HEMIPTERUS (L.) (DRIED-FRUIT BEETLE)***
bi Armitage & Steinweden, Cal. Dept. Agr. B. 34:101-107, 1945.
Barnes & Lindgren, Date Grow. Inst. R. 23:34-35, 1946; 24:3-4, 1947.
Condit, Fig:184-185, 1947.
Donohoe, Pests 14(10):16, 1946.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):10-11, 1946.
Nixon, USDA C. 728:38, 1945.
Parker, Ariz. St. Ent. R. f. 1946/47: 27.
- CARPOPHILUS HUMERALIS (F.), see UROPHORUS HUMERALIS (F.)**
- CARPOPHILUS LUGUBRIS Murr.**
Monroe et al., Ohio B. 673:48, 1947.
- CARRHENES CANESCENS (Feld.)**
Freeman, Can. Ent. 77:201, 1945.
- CARRION BEETLES, see NICHOPHORUS SILPHA; SILPHIDAE**
- *CARROT BEETLE, see LIGYRUS GIBBOSUS (Deg.)**
- CARROT INSECTS**
Annand, USDA EPQ R. f. 1944/45:29.
i Daggy et al., Minn. Ext. B. 252:13-14, 1946.
Clark & Hoveland, Wis. B. 472:18-19, 1947.
- *CARROT RUST FLY, see PSILA ROSAE (F.)**
- CARROT RUST MITE, see VASATES EURYNOTUS (Nal.)**
- *CARROT WEEVIL, see LISTRONOTUS OREGONENSIS (Lec.)**
- CARTOSYRPHUS Bigot, see CHELOSIA (CARTOSYRPHUS) Bigot**
- CARYOBORUS GONAGRA (F.), see CARYODON FUSCUS (Goeze)**
- CARYODON FUSCUS (Goeze)**
Holdaway, Hawaiian Ent. Soc. P. 13: 27, 1947.
- *CASEMAKING CLOTHES MOTH, see TINEA PELLIONELLA (L.)**
- CASINARIA Holmg. - AMERICA, NORTH OF MEXICO**
nik Walley, Sci. Agr. 27:364-395, 1947.

- CASSIDA BIVITTATA (Say), see AGRO-
ICONOTA BIVITTATA (Say)
- CASSTIA CRONIS CORNINGII Edwards
Swezey, Hawaiian Ent. Soc. P. 12:362-
364, 1945.
- CASSTIA THERAPON Koll.
Swezey, Hawaiian Ent. Soc. P. 12:362,
1945.
- CASTOR BEAN INSECTS
Weibel & Burlison, Chemurg. Digest
5:171, 1946.
- *CAT FLEA, see CTENOCEPHALIDES
FELIS (Bouché)
- CAT WILLOW MOTH, see WALSHIA
AMORPHELLA Clem.
- CATABENA ESULA (Druce)
Flock, Ariz. St. Ent. R. f. 1944:20,
1945.
- CATALINA CHERRY MOTH, see MELIS-
SOPUS LATIFERREANUS (Wism.)
- CATALINOVORIA DISCALIS Brooks
n Brooks, Can. Ent. 77:81, 1945.
- *CATALPA SPHINX, see CERATOMIA
CATALPAE (Bdvl.)
- CATERPILLARS
Cumming, Hardy Chrysanthemums
rev.:126-127, 1945.
Leech, Can. Ins. Pest Rev. 25:73,
1947.
Musser et al., S. C. Ext. C. 301:27,
1947.
- CATERPILLARS - HABITS & BEHAVIOR
bi Frings, J. Expt. Zool. 99:115-140,
1945.
- CATERPILLARS & URTICARIA
Berkowitz, U. S. Army Med. Dept. Bul.
4:464-467, 1945.
- CATERPILLARS AS FOOD OF MAN
Hoffmann, Ent. Soc. Wash. P. 49:234,
1947.
- CATHARTUS QUADRICOLLIS (Guér.)
(SQUARE-NECKED GRAIN BEE-
TLE)*
b Plank, J. Ec. Ent. 39:315-319, 1946.
Stuckey, Ga. R. 58:82, 1946.
- CATOCALA Schrank - COLLECTION &
PRESERVATION
Brower, Lepidopterists' News 1:19-
20, 1947.
- CATOCALA sp.
Peterson, Can. Ins. Pest Rev. 24:112,
1946.
- CATOCHINI - NORTH AMERICA
bnk Pritchard, Ent. Soc. Amer. Ann.
40:663-671, 1947.
- CATOLACCUS Thoms.
Brett, J. Agr. Res. 73:84, 1946.
- CATOLACCUS AENEIVIRIDIS (Gir.)
Clancy, J. Ec. Ent. 39:328, 1946.
- CATOLACCUS TOWNSENDI Cwfd.
Berry, J. Ec. Ent. 40:801,803-804,
1947.
- CATORAMA HERBARIUM (Forh.)
Flock, Ariz. St. Ent. R. f. 1944:21,
1945.
- CATORAMA NELTUMAE Fisher
Martorell, P. R. Univ. J. Agr. 29:424-
425, 1945.
- CATORAMA PUSILLA Sharp, not Lec.,
see CATORAMA SHARPI Pic
- CATORAMA SHARPI Pic
Swezey, Hawaiian Ent. Soc. P. 13:,11,1947.
- CATOTRICHINI - NORTH AMERICA
bnk Pritchard, Ent. Soc. Amer. Ann.
40:662-663, 1947.
- CATS - INSECT FOOD, see INSECTS AS
FOOD OF CATS
- CATS - PESTS
Bequaert, Bklyn. Ent. Soc. B. 41:154,
1946.
b Dikmans, Amer. J. Vet. Res. 6:232-
233,240-241, 1945.
i Fairchild & Fairchild, Cats.116-
122,184,190-193,197-199,201, 1947.
Gay, How to Live with a Cat:131-142,
1946.
- CATS - PESTS - HAWAII
Alicata, Pac. Sci. 1:78, 1947.
- CATTLE - PESTS
Anderson, Ida. Ext. B. 159:11-12,
1947. (Repr.)
Baker, U. S. Livestock Sanit. Assoc.
P. 50:84-90, 1947.
i Field & McDowell, Dairy Enter-
prises:290-292,356,360-362, 1946.
Hammonds & Tabb, Farm. Handb..
121-122, 1947.
i Hixson, Okla. Ext. C. 387 rev.,29 p.,
1946.
Leffingwell & Lesser, Amer. Cattle
Prod. 27(7):25-26, 1945.
Lyle, Miss. Farm Res. 8(9):7, 1945.
MacEwan & Ewen, Sci. & Pract. Can.
Anim. Husb. rev.255-257, 1945.
Muma & Derrick, Neb. Ext. CC 93,
1 p., 1946.
Searls, Sealtest Dairym. 1(2):10-11,
1947.
i Shull et al., Ida. Ext. B. 155,11 p.,
1945.
Wermelskirchen, in Davis et al.,
Livestock Enterprises rev.136-138,
1946.
- CATTLE - PESTS - CONTROL - CAT-
TLE CHUTE
i Kemper, USDA FB 980 rev.:6-8,
1947.
- CATTLE - PESTS - HAWAII
b Alicata, Pac. Sci. 1:73-74,79, 1947.
- CATTLE - PESTS - INSECTICIDES
i Albaugh, West. Dairy J. 3(27):19,76,
1947.
Gunderson, Amer. Assoc. Econ. Ent.
N. Cent. Sts. Branch P. 25:49, 1946.
i Smith, Colo. Ext. B. 389-A:30-34,
1946.
b Squibb, J. Anlm. Sci. 4:291-296,
1945.
Weaver et al., S. Dak. Ext. Leaf. 102,
8 p., 1946. (Repr.)
- CATTLE - PESTS - INSECTICIDES -
DDT
Brett & Fenton, South. Dairy Prod. J.
40(1):62-63, 1946.
Clyburn, S. C. R. 59:95, 1947.
Cory, Md. Agr. Soc. R. 30:174-175,
1946.
i Cuff, Agr. Chem. 1(6):23-26, 1946.
i Cuff, Soap & Sanit. Chem. 22(8):135-
137,181, 1946.
Fouracre, Md. Agr. Soc. R. 30:173,
1946.
Gerlach, Milk Dealer 36(10):156-160,
1947.

CATTLE - PESTS - INSECTICIDES -
DDT--Continued.
i Morris, Tex. Livestock J. 4(10):20-21; (11):32-33, 1945.
i Tissot, Coastal Cattleman. 13(5):12-14, 1947.
i Tissot, Fla. PB 630,4 p., 1947.
Sanders & Tissot, Fla. R. f. 1946/47: 61.
*CATTLE BITING LOUSE, see BOVICOLA BOVIS (L.)
*CATTLE FOLLICLE MITE, see DEMODEX BOVIS Stiles
*CATTLE TAIL LOUSE, see HAEMATOPINUS QUADRIPERTUSUS Fahrnh.
*CATTLE TICK, see BOOPHILUS ANNU-LATUS (Say)
CATTLE TICK FEVER, see under genus BOOPHILUS
CATTLEFLY FLY, see EURYTOMA ORCHIDEARUM (Westw.)
CAULIFLOWER INSECTS
i Parks & King, Ohio Ext. B. 76 rev.. 10-11, 1947.
Talmage, Conn. Veg. Grow. Assoc. P. 34:83, 1946.
CAULOCAMPUS ACERICAULIS (MacG.) (MAPLE PETIOLE BORER)*
i Boyd, N. J. Dept. Agr. C. 355.141-142, 1945.
CAULOPHILUS LATINASUS (Say) (BROAD-NOSED GRAIN WEEVIL)*
Cotton, Pest Control & Sanit. 2(12):11, 1947.
CAULOPSIS CUSPIDATUS (Scudd.)
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.
CAVARIELLA AEGOPODII (Scop.) & VIRUS DISEASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552, 554,579, 1946.
CAVARIELLA CAPRAE (F.) (YELLOW WILLOW APHID) & CALICO VIRUS OF PANSIES
Severin, Hilgardia 17:586-587, 1947.
CAVE INSECTS
i Chopard, Ciencia 8:67-80, 1947.
Milne & Milne, A Multitude of Living Things:154-155,158-159,161-165, 1947.
*CAYENNE TICK, see AMBLYOMMA CAJENNENSE (F.)
CEANOTHUS LEAF MINER, see BALIOSUS CALIFORNICUS (Horn)
CEBRIO BICOLOR F., see SELONODON BICOLOR (F.)
CECIDOMYIA BALSAMICOLA Lint. (BALSAM GALL MIDGE)
Davault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:24, 1947.
Davault et al., Can. Ins. Pest Rev. 25:55, 1947.
Reeks, Can. Ins. Pest Rev. 24:26, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:13, 1946; f. 1946:14, 1947.
CECIDOMYIIDAE, see ITONIDIDAE

CECIDOPHYTES RIBIS (Nal.) (CURRANT BUD MITE)*
Keller, J. Ec. Ent. 39:567, 1946.
CECIDOSTIBA DENDROCTONI Ashm.
Fronk, Va. TB 108:10, 1947.
*CECROPIA MOTH, see HYALOPHORA CECROPIA (L.)
CEDAR SHOOT BORER, see HYPISIPYLA GRANDELLA (Zell.)
*CEDAR TREE BORER, see SEMANOTUS LIGNEUS (F.)
CEDIOPSYLLA SIMPLEX (Baker)
MacCreary, J. Ec. Ent. 38:127, 1945.
b Roark, USDA EPQ E-654:3, 1945.
CELAENORRHINUS FRITZGAERTNERI (Bailey)
Freeman, Can. Ent. 77:201, 1945.
CELERIO LINEATA (F.) (WHITE-LINED SPHINX)*
i Cassell, Nat. Hist. 54.278, 1945.
Flock, Ariz. St. Ent. R. f. 1944:20, 1945.
Wellington, Utah St. Bd. Agr. Bien. R. 13:31, 1947?
CELERY APHID, see APHIS APII Theob.
CELERY APHID (HAWAII), see BRACHYCOLUS HERACLEI Tak.
CELERY INSECTS
i Parks & King, Ohio Ext. B. 76 rev.. 13-14, 1947.
Russell, Fla. R. f. 1946/47.140-141, 143.
CELERY LEAF APHID, see APHIS APIGRAVEOLENS Essig
*CELERY LEAF TIER, see PHLYCTAENIA RUBIGALIS (Guen.)
CELERY PLANT BUG, see LYGUS CAMPESTRIS (L.)
CELERY RUST MITE, see VASATES EURYNOTES (Nal.)
CELERY YELLOWS, see under genera APHIS, PHLEPSIUS, and INSECTS & PLANT DISEASE - CELERY YELLOWS
*CELERYWORM, see PAPILIO AJAX L.
CELIA CALIFORNICA (Dej.)
i Bohart, Hilgardia 17:293-294, 1947.
CENTETER CINEREA Ald.
Adams & Wheeler, N. Y. (G.) R. 63: 25, 1945.
Eddy, R. I. Dept. Agr. & Conserv. R. 10:45, 1945.
Schread, Conn. B. 488:339, 1945; 512: 49, 1946; 505:13-14,17-20, 1947.
Slate, Conn. R. f. 1944/45:17.
Slate, Conn. B. 484:60, 1945.
CENTIPEDES
Cameron, Parasites of Man ed. 2:165, 1946.
i Carr, Desert Parade:61,63-64, 1947.
CENTIPEDES - AEROSOLS - DDT
Smith et al., Agr. Chem. 2(12):61, 1947.
CENTIPEDES - ALASKA
bnk Chamberlin, Ent. Soc. Amer. Ann. 39:177-189, 1946.
CENTIPEDES - GEORGIA
nk Chamberlin, Can. Ent. 77:215-216, 1945.

- CENTRINASPIS** sp.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:17.
- CENTRODERA DECOLORATA** (Harr.),
C. PICTA (Hald.)
Knull, Ohio Biol. Surv. B. 39:174-175, 1946.
- CENTRODERA SPURCA** Lec.
i Hardy, Victoria Nat. 2:90, 1945.
- CENTRODERA SUBLINEATA** Lec.
Knull, Ohio Biol. Surv. B. 39:175, 1946.
- CENTRUROIDES GERTSCHI** Stahnke
i Carr, Nat. Hist. 55:82-84, 86, 1946.
i Stahnke & Roney, Ariz. Ext. C. 132, 14 p., 1947.
- CENTRUROIDES LIMPIDUS LIMPIDUS**
Karsch
Roark & McIndoo, USDA EPQ E-728: 150, 1947.
- CENTRUROIDES NOXIUS** Hoffm. - **VENOM**
bi Pozo & Anguiano L., Rev. Inst. Salub. y Enferm. Trop. Mex. 8:231-263, 1947.
Ramirez L., Mex. Esc. Nac. Cien. Biol. An. 4:379-381, 383-385, 1947.
- CENTRUROIDES SCULPTURATUS** Ewing
i Carr, Nat. Hist. 55:82-84, 86, 1946.
i Dodge, Poisonous Dwellers of the Desert:10-11, 1947.
i Stahnke & Roney, Ariz. Ext. C. 132, 14 p., 1947.
- CENTRUROIDES SUFFUSUS SUFFUSUS**
POCOCK - VENOM
bi Pozo & Anguiano L., Rev. Inst. Salub. y Enferm. Trop. Mex. 8:231-263, 1947.
- CENTRUROIDES VITTATUS** (Say) (**COMMON STRIPED SCORPION**)
Hallis, Handb. of Pest Control:451-452, 1945.
- CEPHALOSPHERA** Endrln.
Hardy, Kans. Ent. Soc. J. 19:136-137, 1946.
- CEPHENEMYIA** Latr. & **MYIASIS**
i James, USDA Misc. Pub. 631:104, 1947.
- CEPHENEMYIA** sp.
i Shaw, Oreg. TB 11:15, 1947.
- CEPHENEMYIA JELLISONI** Towns. (**DEER BOTFLY**)
b Cowan, Can. J. Res. Sect. D 24:75, 88-89, 1946.
Hermann, Pan-Pacific Ent. 21:120, 1945.
i Herman, Cal. Fish & Game 32(1):17-18, 1946.
- CEPHENEMYIA PRATTI** Hunter
i Herman, Cal. Fish & Game 32(1):17-18, 1946.
- CEPHUS CINCTUS** Nort (**WHEAT STEM SAWFLY**)*
Arnason et al., Can. Ins. Pest Rev. 24: 81, 1946.
Bird & Mitchener, Can. Ins. Pest Rev. 24:69, 1946.
Gardiner, Can. Min. Agr. R. f. 1944/45: 53; f. 1945/46:64, 67, 111; f. 1946/47: 78.
- CEPHUS CINCTUS** - Continued.
Manson et al., Can. Ins. Pest Rev. 24: 92, 1946; 25:23-24, 1947.
Mills, Mont. War C. 6 rev. 6 p., 1945.
Mills, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:5, 1946.
Mills et al., Mont. B. 425:15-16, 1945, 442:15, 1947.
Ogilvie, Saskatch. Dept. Agr. R. 40: 70-72, 1945.
i Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan:91-92, 97, 1945.
Twinn, Can. Ins. Pest Rev. 23:1, 1945.
Wilson, Alberta Dept. Agr. R. f. 1944: 23, 1945; f. 1945:20, 1946; f. 1946: 22, 1947.
- CEPHUS CINCTUS - CONTROL, CULTURAL**
Callenbach & Hansmeier, Mont. Ext. C. 164, 4 p., 1945.
- CEPHUS CINCTUS - DIAPAUSE**
Callenbach, Mont. Acad. Sci. P. 6:48, 1946. (Abs.)
b Salt, Can. J. Res. Sect. D 25:66-86, 1947.
- CEPHUS CINCTUS - LOSSES CAUSED BY**
Arnason & McDonald, Saskatch. Dept. Agr. R. 42:91-92, 1947.
Munro, Grain & Feed Jours. Consol. 94:465, 1945.
i Munro, N. Dak. Bimo. B. 7(4):12-16, 1945.
i Munro et al., N. Dak. Bimo. B. 10: 46-51, 1947.
b Seamans et al., Ent. Soc. Ont. R. 75: 10-15, 1945.
- CEPHUS CINCTUS - RESISTANT BARLEY**
b Farstad & Platt, Sci. Agr. 26:216-224, 1946.
- CEPHUS CINCTUS - RESISTANT WHEAT**
i Howard, Rotarian 71(1):14-16, 1947.
Packard et al., USDA YB f. 1943/47: 648-649.
b Platt & Farstad, Sci. Agr. 26:231-247, 1946.
i Pratt, Can. Geog. J. 33:138-141, 1946.
Salter, USDA PISAE R. f. 1946/47:25.
- CEPHUS CINCTUS & CLIMATE**
bi Seamans, Sci. Agr. 25:432-457, 1945.
- CEPHUS CINCTUS & HUMIDITY**
Salt, Sci. Agr. 26:622-639, 1946.
- CEPHUS PYGMAEUS** (L.) (**EUROPEAN WHEAT STEM SAWFLY**)*
Stirrett, Can. Ins. Pest Rev. 25:24, 1947.
Thompson, Can. Ins. Pest Rev. 24:40, 1946.
- CEPHUS TABIDUS** (F.) (**BLACK GRAIN STEM SAWFLY**)*
Houser, Ohio Bimo. B. 30:166, 1945.
- CERAMBYCIDAE**
bik Knull, Ohio Biol. Surv. B. 39:133-354, 1946.
n Swezey, Hawaiian Ent. Soc. P. 12: 621-623, 1946.

- CERAMBYCIDAE--Continued.
Tilden, Pan-Pacific Ent. 21:30-31, 1945.
- CERAMBYCIDAE - GEORGIA
b Fattig, Emory Univ. Mus. B. 5:48 p, 1947.
- CERAMBYCIDAE - SOUTH CAROLINA
Sherman, Ent. News 57:125-127, 1946.
- CERAMBYCIDAE - VANCOUVER ISLAND
i Hardy, Victoria Nat. 2:82-83, 88-92, 1945.
- CERAMBYCOBIUS CUSHMANI (Cwfd.),
see EUPELMUS CUSHMANI (Cwfd.)
- CERAMICA PICTA (Harr.) (ZEBRA
CATERPILLAR)*
Arnason et al., Can. Ins. Pest Rev. 24:83, 1946.
Cannon, Can. Ins. Pest Rev. 24:10, 1946.
Gauthier, Quebec Min. Agr. R. f. 1944/45:60.
Gauthier, Macdonald Col. J. 5(12):14, 1945.
Gauthier, Can. Ins. Pest Rev. 24:31, 1946.
Gorham, Can. Dept. Agr. Div. Ent. Processed Pub. 45:5, 1946.
Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944.19, 1945.
Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946.
Perron, Can. Ins. Pest Rev. 25:27, 1947.
Thompson, Can. Ins. Pest Rev. 24:38, 1946.
- CERAPTEROCERUS MIRABILIS Westw. -
EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:71, 1947.
- CERASPHORUS CINCTUS (Drury)
i Knull, Ohio Biol. Surv. B. 39:191, 1946.
- CERATAGALLIA ARTEMISIA Oman
Fautin, Ecol. Monog. 16:267, 1946.
- CERATAGALLIA DONDIA (Oman)
Fautin, Ecol. Monog. 16:269, 1946.
- CERATAPHIS LATANIAE (Bdvl.)
Martorell, P. R. Univ. J. Agr. 29:382-383, 1945.
Swezey, Hawaiian Ent. Soc. P. 12:372, 1945.
- *CERATITIS CAPITATA (Wied.) (MEDITERRANEAN FRUITFLY)*
Annand, USDA EPQ R. f. 1945/46:60; f. 1946/47:68.
Condit, Fig.183, 1947.
Cooley, J. Ec. Ent. 40:130, 1947.
Lyle, J. Ec. Ent. 40:3, 1947.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:5.
Zimmerman, Hawaiian Planters' Rec. 50:116, 1946.
- CERATITIS CAPITATA - QUARANTINE
Dodd, USDA EPQ SRA 166:3-5, 1947.
Faxon, Hawaiian Ent. Soc. P. 12:291-292, 1945.
- CERATOGRAPHIS BIGUTTATA (Lec.)
i Knull, Ohio Biol. Surv. B. 39:255-256, 1946.
- CERATOMEGILLA VITTIGERA (Mann.),
see PARANAEMIA VITTIGERA (Mann.)
- CERATOMIA CATALPAE (Bdvl.) (CATALPA SPHINX)*
i Baerg & Lincoln, Ark. Ext. C. 448. 7-8, 1947.
i Boyd, N. J. Dept. Agr. C. 355:29-30, 1945.
Craighead & Brown, USDA EPQ E-649:6, 1945.
Davis, Ind. Acad. Sci. P. 56:151, 1947?
- CERATOPHYLLUS FASCIATUS Bosc.,
see NOSOPSYLLUS FASCIATUS (Bosc.)
- CERATOPHYLLUS GALLINAE (Schr.) (EUROPEAN CHICKEN FLEA)*
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:11-12, 1947.
- CERATOPHYLLUS NIGER Fox (WESTERN CHICKEN FLEA)*
Gregson, Can. Ins. Pest Rev. 24:129, 1946.
i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:166, 1947.
Seiden, Poult. Handb. 404, 1947.
- CERATOXYLS LATIUSCULA (Loew) -
HOUSEHOLD PEST
b Jones, Iowa Acad. Sci. P. 52:299-301, 1946.
- CERCERIS Latr. - WEST COAST
nik Banks, Psyche 54:1-35, 1947.
- CERCOEPHALINAE
nik Gahan, USNM P. 96:349-376, 1946.
- CERCOPEUS ARTEMISIAE Pierce
Fautin, Ecol. Monog. 16:267, 1946.
- CERCOPIDAE
i Fisher & Allen, Wis. B. 469:15-16, 1946.
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev. 26-27, 1946.
Morofsky & Muncie, Amer. Potato J. 24:162-166, 1947.
Mundinger, N. Y. (G.) R. 64:34, 1946.
Webster, Wash. Ext. B. 246 rev.:22, 1946.
- CERCOPIDAE - MISSOURI
bnik Froeschner, Kans. Ent. Soc. J. 19:30-35, 1946.
- CEREAL INSECTS, see BARLEY INSECTS; CORN INSECTS, FIELD CROP INSECTS; RICE INSECTS; STORED GRAIN INSECTS; STORED PRODUCTS INSECTS; WHEAT INSECTS
- CEREAL PSOCID, see LIPOSCELIS DIVINATORIUS (Müll.)
- CERESA Amyot & Serv. - OVIPOSITION
b Frost, J. Ec. Ent. 38:403, 1945.
- CERESA BASALIS Wlkr.
Leech, B. C. Ent. Soc. P. 42:8, 1945.
- CERESA BUBALUS (F.) (BUFFALO TREEHOPPER)*
Dean et al., Kans. Ent. Soc. J. 18:94, 1945.
Dewey, N. Y. St. Hort. Soc. P. 92:59, 1947.
Gauthier, Can. Ins. Pest Rev. 24:30, 1946.
Headstrom, Horticulture 24:340, 1946.
Marshall & Gauthier, Can. Ins. Pest Rev. 25:80, 1947.
Venables, Can. Ins. Pest Rev. 24:119, 1946.
Wildon, Mich. Sp. B. 222 rev.:21, 1946.

- CERESA BUBALUS - SPRAYS - DDT**
Gardiner, Can. Min. Agr. R. f. 1946/47:86.
Marshall, Wash. St. Hort. Assoc. P. 42:69-70, 1946.
Robertson, B. C. Dept. Agr. R. 41: W72-W73, 1947.
- CEROMASIA AURICAUDATA** Towns.
Annand, USDA EPQ R. f. 1945/46:24; f. 1946/47:26.
Balch & Reeks, N. B. Dept. Lands & Mines R. 110:66, 1947.
Coppel, Ent. Soc. Ont. R. 77:39, 1947.
Davault, Quebec Min. Lands & For. R. f. 1945/46:114, 1947.
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 61, 1947.
Wilkes, Can. Ent. 78:83-86, 1946.
Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:14-17, 1947.
Wilkes, Quebec Soc. Protect. Plants R. 30:111-112, 1947.
- CEROMASIA BOREALIS** Brooks
n Brooks, Can. Ent. 77:89-90, 1945.
- CEROPLASTES CERIFERUS** (Anders.)
(JAPANESE WAX SCALE) (MEXI-CAN WAX SCALE)
Martorell, P. R. Univ. J. Agr. 29:395, 1945.
Morrison, Cal. Dept. Agr. B. 35:135, 1946.
- CEROPLASTES CIRRIPIEDIFORMIS**
Comst. (BARNACLE SCALE)*
Martorell, P. R. Univ. J. Agr. 29:396, 1945.
- CEROPLASTES DENUATUS** Ckll.
Martorell, P. R. Univ. J. Agr. 29:396, 1945.
- CEROPLASTES FLORIDENSIS** Comst.
(FLORIDA WAX SCALE)*
Martorell, P. R. Univ. J. Agr. 29:396, 1945.
- CEROPLASTES RUBENS** Mask.
Carter, Hawaiian Ent. Soc. P. 12:489, 1946.
- CEROPSYLLA MARTORELLI** Cald.
Martorell, P. R. Univ. J. Agr. 29:375-378, 1945.
- CEROPSYLLA SIDEROXYLI** Riley
Martorell, P. R. Univ. J. Agr. 29:375, 1945.
- CEROSIPHA CALIFORNICA** Essig, see
RHOPALOSIPHUM SUBTERRANEUM Mason
- CEROTAINIA MACROCERA** (Say)
Fattig, Emory Univ. Mus. B. No. 4:5, 1946.
- CEROTOMA DENTICORNIS** (Oliv.) see
CEROTOMA RUFICORNIA (Oliv.)
- CEROTOMA RUFICORNIS** (Oliv.)
Osorio, Control de Plagas 8:157, 163, 1946.
Plank, P. R. (Mayaguez) R. f. 1944:15-16, 27, 1945; f. 1945:22, 1946.
Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Ser. 4:77-78, 1947.
- CEROTOMA TRIFURCATA** (Forst.)
(BEAN LEAF BEETLE)*
Bissell & Dupree, Ga. B. 254:6-7, 14, 1947.
Dean et al., Kans. Ent. Soc. J. 18:91, 1945.
Lincoln, Ark. Ext. C. 438:10, 1945.
i Lincoln & Miner, Ark. Ext. C. 437: 16-17, 1945.
Smith et al., Kans. Ent. Soc. J. 19:45, 1946.
i Stanley & Marcovitch, Tenn. C. 97. 3, 1947.
Stearns, Del. B. 263:28, 1947.
- CERVICOLA PARALLELUS** (Osb.)
Cowan, Can. J. Res. Sect. D 24:78, 1946.
- CERVICOLA VIRGINIANUS** (Peters)
Cowan, Can. J. Res. Sect. D 24:78, 1946.
- CERVOPHTHIRIUS FERRISI** Fahrenh., see **SOLENOPOTES FERRISI** (Fahrenh.)
- CETONINAE - NORTH AMERICA**
bik, Ritcher, Ky. B. 476:39 p., 1945.
- CEUTHOPHILUS FOSSOR** Hubb.
Fautin, Ecol. Monog. 16:265, 1946.
- CEUTORHYNCHUS ASSIMILIS** (Payk.)
(CABBAGE SEEDPOD WEEVIL)*
(TURNIP SEED WEEVIL)
Beese, Oreg. C. Inform. 353 6, 1945.
Brannon, Wash. Farm. 71:197, 1946.
Downes et al., Can. Ins. Pest Rev. 25. 30, 1947.
Glendenning, Can. Ins. Pest Rev. 24 117, 1946.
Hagen, Pan-Pac. Ent. 22 73, 1946.
Twin, Can. Ins. Pest Rev. 23:4, 1945.
Ward, B. C. Dept. Agr. R. 40 V78, 1946.
- CEUTORHYNCHUS ASSIMILIS - INSEC-TICIDES**
Buchanan, Wash. B. 482:74-75, 1946.
Carlson et al., Wash. B. 470:144-146, 1945.
Robertson, B. C. Dept. Agr. R. 40: V49, 1946.
White, USDA EPQ E-642:4, 1945.
- CEUTORHYNCHUS ASSIMILIS - BIOL-OGY**
Doucette, Wash. B. 470:148-149, 1945.
- CEUTORHYNCHUS ASSIMILIS - FOOD & HOST PLANTS**
Doucette, J. Ec. Ent. 40:838-840, 1947.
- CEUTORHYNCHUS ASSIMILIS - PARA-SITES**
Carlson et al., Wash. B. 470:146, 1945.
Webster & Shenefelt, Wash. B. 470: 39, 1945.
- CEUTORHYNCHUS ASSIMILIS & SEED PRODUCTION**
Carlson et al., Wash. B. 470:147-148, 1945.
- CEUTORHYNCHUS SULCICOLLIS** (Payk.) - GENTILIA - MALE
i Bruhn, Great Basin Nat. 8:18, 1947.
- CHAETANAPHOTHRIPS ORCHIDII** (MOULT.), see **ANAPHOTHRIPS ORCHIDII** (Moult.)

- CHAETEXORISTA JAVANA Brauer & Bergstm.
b Dowden, Ent. Soc. Amer. Ann. 39: 225-241, 1946.
- CHAETOCNEMA CONFINIS Crotch (SWEETPOTATO FLEA BEETLE)*
i Marcovitch, Tenn. B. 202 3, 1946.
Marcovitch, Tenn. St. Hort. Soc. P. 41:59-61, 1947.
- CHAETOCNEMA ECTYPA Horn (DESSERT CORN FLEA BEETLE)*
Flock, Ariz. St. Ent. R. f. 1944:15, 1945.
- CHAETOCNEMA PERPLEXA Blake
Osorio, Control de Plagas 8:163-164, 1946.
- CHAETOCNEMA PULICARIA Melsh. (CORN FLEA BEETLE)*
Annand, USDA EPQ R. f. 1944/45:32, f. 1945/46:5.
Packard, USDA EPQ E-640:5, 1945.
Poos, J. Ec. Ent. 38:197, 1945.
- CHAETOCOCCUS BAMBUSAE (Mask.), see ANTONINA BAMBUSAE (Mask.)
- CHAETOGEAIDIA MONTICOLA (Bigot)
Blanchi, Hawaiian Ent. Soc. P. 12:469, 1946.
Rosa, Hawaiian Ent. Soc. P. 12:478, 1946.
Van Zwailuwbung, Hawaiian Planters' Rec. 50:14,16, 1946.
- CHAETOPHLEPSIS POLITA, C. SEMI-OTHISAE
n Brooks, Can. Ent. 77:82-83, 1945.
- *CHAFF SCALE, see PARLATORIA PERGANDII Comst.
- CHAGAS' DISEASE, see under genus TRIATOMA
- *CHAIN-SPOTTED GEOMETER, see CINGILIA CATENARIA (Drury)
- CHALCIDOIDEA - GENOTYPES
Gahan & Peck, Wash. Acad. Sci. J. 36: 314-317, 1946.
- CHALCODERMUS AENEUS Boh. (COWPEA CURCULIO)*
i Bissell & Dupree, Ga. B. 254:14-15, 1947.
Hetrick, Va. R. f. 1945/46:35; f. 1946/47:33.
i Hetrick, Va. B. 409,23 p., 1947.
- CHALCODERMUS AENEUS - BIOLOGY - VIRGINIA
Hetrick, J. Ec. Ent. 39:405, 1946.
- CHALCODERMUS AENEUS - INSECTICIDES
Dunavan, S. C. R. 57:61-62, 1945; 58: 58-60, 1946.
Hetrick, J. Ec. Ent. 39:268-269, 1946.
Jardine et al., USDA OES R. f. 1944/45:58, 1946.
Stuckey, Ga. R. 57:59-60, 1945.
Trullinger et al., USDA OES R. f. 1945/46:106, 1947.
- CHALCODERMUS AENEUS - PARASITES
bi Bissell, Ent. Soc. Amer. Ann. 38: 417-440, 1945.
- CHALCODERMUS AENEUS - RESISTANT COWPEAS
Dunavan & Hughes, S. C. R. 59:69, 1947.
- CHALCODERMUS COLLARIS Horn - PARASITES
Bissell, Ent. Soc. Amer. Ann. 38:418, 439, 1945.
- CHALCODERMUS INAEQUICOLLIS Horn - PARASITES
Bissell, Ent. Soc. Amer. Ann. 38:419, 439, 1945.
- CHALCOLEPIDIUS SILBERMANNI Chevrr.
i Martorell, P. R. Univ. J. Agr. 29: 442-443, 1945.
- CHALCOPHORA sp. - GUAYULE
Homney, J. Ec. Ent. 39:671, 1946.
- CHALEPUS DORSALIS Thunb. (LOCUST LEAF MINER)*
i Boyd, N. J. Dept. Agr. C. 355:13-14, 1945.
Davis, Ind. Acad. Sci. P. 56:151, 1947?
Foss, N. Y. St. Conserv. Dept. R. 36: 79, 1946.
French, Gard. Gossip 21(8):17-18, 1946; 22(3):19-20, 1947.
Sheppard, Can. Ins. Pest Rev. 24:51-52, 1946.
- CHALYBION CAERULEUM (L.), see CHALYBION CALIFORNICUM (Sauss.)
- CHALYBION CALIFORNICUM (Sauss.)
Baerg, Conn. Acad. Arts & Sci. Trans. 36:103, 1945.
bi Muma & Jeffers, Ent. Soc. Amer. Ann. 38:245-255, 1945.
Pemberton, Hawaiian Planters' Rec. 50:129,131-132,134,138-139, 1946.
- CHAMELEON CATERPILLAR, see ANOMOGENA ELIMATA (Guen.)
- *CHANGA, see SCAPTERISCUS VICINUS Scudd.
- CHAOBORUS Licht.
Smith, Acadian Nat. 2:100, 1946.
- CHAOBORUS ASTICTOPUS D. & S. (CLEAR LAKE GNAT)*
Annand, USDA EPQ R. f. 1946/47:19.
bi Lindquist & Deomer, J. Ec. Ent. 39:11-14, 1946.
- CHARACOMA NILOTICA (Rogenh.) (WILLOW LEAF WEBBER)
Martorell, P. R. Univ. J. Agr. 29:505, 1945.
- CHARISTERUS ANTENNATOR (F.) & PEACH-SCARRING
Woodside, J. Ec. Ent. 39:160, 1946.
- CHARIPS sp.
Hoffmann, J. Ec. Ent. 38:376, 1945.
- CHARIPS BRASSICAE (Ashm.) - HAWAIIAN ISLANDS
Swezey, Hawaiian Ent. Soc. P. 13:2-3, 1947.
- CHARISALIA AMERICANA (Hald.)
i Knoll, Ohio Biol. Surv. B. 39:163, 1946.
- CHATIA Brennan; C. SETOSA
ni Brennan, J. Parasit. 32:132-135, 1946.
- CHAULIOGNATHUS sp
Jaynes & Marucci, J. Ec. Ent. 40:15-17, 1947.
- CHAULIOGNATHUS MARGINATUS (F.)
Jaynes & Marucci, J. Ec. Ent. 40:16, 1947.

CHAULIOGNATHUS PENNSYLVANICUS (Deg.)

Jaynes & Marucci, J. Ec. Ent. 40:15, 23, 1947.

CHAULIOGNATHUS PENNSYLVANICUS & POLLINATION

Drake, Dept. Agr. YB 47:143, 1947.

CHEESE MITE, see ACARUS SIRO L.

***CHEESE SKIPPER, see PIOPHILA CASEI (L.)**

CHEILONEURUS INIMICUS Comp. - EGGS & LARVAE

i Maple, Cal. Univ. Pub. Ent. 8:71, 1947.

CHEILONEURUS NOXIUS Comp. - EGGS & LARVAE

Maple, Cal. Univ. Pub. Ent. 8:71, 1947.

CHEILOSLIA (Cartosyrphus) Bigotnik Fluke & Hull, Wis. Acad. Sci. Trans. 37:221-263, 1945.

CHEIROPACHYS COLON (L.)

Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:63-65, 1947.

CHELIFERINI

bmk Hoff, Chicago Acad. Sci. B. 7:485-490, 1946.

CHELONETHIDA

Bird & Mitchener, Can. Ins. Pest Rev. 24:73, 1946.

ni Hoff, Amer. Mid. Nat. 34:511-522, 1945.

bi Hoff, Ill. Acad. Sci. Trans. 38:103-110, 1945.

Rapp, Ent. News 57:197, 1946.

CHELONETHIDA - ARKANSAS

bi Hoff, Amer. Micros. Soc. Trans. 64:34-57, 1945.

CHELONETHIDA - NORTH CAROLINA

bi Hoff, Amer. Micros. Soc. Trans. 64:311-327, 1945.

b Pearse, Ecology 27:257-258, 1946.

CHELONETHIDA - PREY

Russell, Victoria Nat. 2:113, 1946.

CHELONETHIDA - TYPES - NATHAN BANKS

bni Hoff, Wash. Acad. Sci. J. 36:195-205, 1946.

CHELONUS ALTITUDINUS Vier.

Satterthwait & Swain, J. Ec. Ent. 39:578-579, 1946.

CHELONUS ANNULIPES Wesm.

Arbuthnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:30-33, 1947.

Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):1-3.

Buchholz, N. Y. Dept. Agr. & Mkts. R. f. 1945:131, 1947.

Carruth, N. Y. (G.) Farm Res. 11(4):5-6, 1945.

Clark, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 1), 5 p.; (1945, No. 3):2-4.

Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 4), 2 p.; (1946, No. 2), 10 p.; (1946, No. 3):3.

Cory, Md. Agr. Soc. R. 30:147-148, 1946.

Deay, Ind. R. 60:68, 1947.

Drake, Iowa Dept. Agr. YB. 46:171, 173-174, 176, 1946.

CHELONUS ANNULIPES--Continued.

Drake et al., Iowa R. f. 1944/45 pt. 2: 68.

i Drake et al., Iowa Dept. Agr. YB 45: 106-107, 1945; 47:125,129, 1947.

Jones et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 3):2-6.

MacCreary, Del. B. 263:26, 1947.

Rice & Wolfenbarger, Del. B. 259:21, 1945.

Weiss, N. J. Dept. Agr. R. 31:153, 1946.

CHELONUS BLACKBURNI Cam.

Tanada, Hawaiian Ent. Soc. P. 12:477, 1946.

Van Zwaluwenburg, Hawaiian Ent. Soc. P. 13:25, 1947.

CHELONUS GUAMENSIS Fullaw.

n Fullaway, B. P. Bishop Mus. B. 189: 224-225, 1946.

CHELONUS INSULARIS Cress.

Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.

CHELONUS PHTHORIMAEAE Gahan

Fullaway, Hawaiian Ent. Soc. P. 13:2, 1947.

CHELONUS SULCATA (Nees) - BIOLOGY

b Abdel-Malek, Ohio J. Sci. 47:206-216, 1947.

CHELONUS TEXANUS Cress.

Osorio, Control de Plagas 7:41, 1945.

Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.

CHELYSOMA GUTTATUM (H.-S.)

Hoffmann, J. Ec. Ent. 38:358, 1945.

CHERMES L.

Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:66, 1945.

Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:56, 1945.

CHERMES ABIETIS L. (EASTERN SPRUCE GALL APHID)*

i Boyd, N. J. Dept. Agr. C. 355:82-83, 1945.

i Callenbach, Mont. Ext. Ser. A-47, 2 p., 1945.

i Cummings, Amer. Nurseryman. 83(7): 13, 1946.

Slate, Conn. R. f. 1944/45:21-22.

Slate, Conn. B. 484:65, 1945.

i Westcott, Home Gard. (N. Y.) 5(5): 69-70, 1945.

CHERMES ABIETIS - CANADA

Cannon, Can. Ins. Pest Rev. 24:12, 1946.

Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:24, 1947.

Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 21, 1946.

Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:17, 1945.

Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:47, 1946.

Lejeune, Can. Ins. Pest Rev. 24:79, 1946.

McGuffin & Barker, Can. Dept. Agr. Div. For. Ins. Surv. R. f. 1946:60, 1947.

Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:56, 1946.

CHERMES ABIETIS - CANADA--Continued.

- Peterson, Can. Ins. Pest Rev. 24:106, 1946.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:67, 1947.
 Peterson et al., Can. Ins. Pest Rev. 25:53, 1947.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:10, 1945.
 Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:46, 1945.
 Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:29, 1946.
 Watson & Raizenne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:35, 1947.

CHERMES ALNI L.

- Caldwell, Ohio J. Sci. 46:71-72, 1946.
 Russell, Ent. Soc. Wash. P. 48:249-250, 1946.

CHERMES COOLEYI GILL. (COOLEY SPRUCE GALL APHID)* (BLUE SPRUCE GALL APHID) (SITKA SPRUCE GALL APHID)

- i Boyd, N. J. Dept. Agr. C. 355:84-85, 1945.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:82, 1947.
 Manson et al., Can. Ins. Pest Rev. 24:100, 1946.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:56, 1946.
 Peterson, Can. Ins. Pest Rev. 24:106, 1946.
 Peterson & Manson, Can. Ins. Pest Rev. 25:53, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:67, 1947.
 Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:32, 1946.
 i Westcott, Home Gard. (N. Y.) 5(5):70, 1945.

CHERMES PICEAE Ratz. (BALSAM WOOLLY APHID)

- Balch & Reeks, N. B. Dept. Lands & Mines R. 108:110, 1945; 109:125, 1946; 110:65-66, 1947.
 Cannon, Can. Ins. Pest Rev. 24:12, 1946.
 DeGryse, For. Ent. in Can.:5, 1947.
 Harrison, N. S. Dept. Lands & For. R. f. 1944:40, 1945.
 Hawboldt, N. S. Dept. Lands & For. R. f. 1945 46:37, 1947.
 Reeks, Can. Ins. Pest Rev. 24:26, 1946.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:5-6, 1945; f. 1945:8, 1946; f. 1946:8, 1947.
 Reeks et al., Can. Ins. Pest Rev. 25:53, 1947.

CHERMES PICEAE - MAINE

- bi Brower, J. Ec. Ent. 40:689-694, 1947.

CHERMES STROBILOBIUS Kltb. (WOOLLY LARCH APHID)

- Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:31, 1946.

*CHERRY CASEBEARER, see COLEOPHORA PRUNIELLA Clem.

CHERRY CURCULIO, see TACHYPTE-RELLUS CONSOR CERAISI List

*CHERRY FRUIT FLY, see RHAGOLETIS CINGULATA (Loew)

*CHERRY FRUIT SAWFLY, see HOP-LOCAMPA COCKEI (Clarke)

*CHERRY FRUITWORM, see GRAPHOLITHA PACKARDI (Zell.)

CHERRY INSECTS

- Dewey, N. Y. St. Hort. Soc. P. 90:42-43, 1945; 91:87, 1946; 92:60, 1947.
 Frost, J. Ec. Ent. 38:617-618, 1945.
 Gardner, Cherry & Its Cult. rev.:96, 100-103, 1946.
 Kuhlman & Mumford, Oreg. C. Inform. 395:2, 1946.
 List et al., Rocky Mountain Conf. Ent. R. 18:8, 1947.
 i Mills & Dewey, N. Y. (C.) Ext. B. 711:55-63, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.:32-36, 1946.
 i Smith, Cal. Ext. C. 46 rev.:39-44, 1947.
 Oreg. C. Inform. 407:2-5, 1947.

CHERRY INSECTS - FOOD & HOST PLANTS

- Lininger et al., Pa. B. 480:40, 1946.

CHERRY LEAF MINER, see PROFENUSA CANADENSIS (Marl.)

*CHERRY MAGGOT, see RHAGOLETIS CINGULATA (Loew)

CHERRY PISTOL CASEBEARER, see COLEOPHORA ATLANTICA Heinr.

CHERRY SLUG, see CALIROA CERASI (L.)

CHERRY TREE TORTRIX, see ARCHIPS CERASIVORANA (Fitch)

CHERRY UGLY-NEST CATERPILLAR, see ARCHIPS CERASIVORANA (Fitch)

CHERSIS SPHINX, see SPHINX CHERSIS Hbn.

CHESTNUT INSECTS

- Blake & Edgerton, N. J. B. 717:20, 1945.

- Reed, North. Nut Grow. Assoc. R. 37:56-57, 1947.

CHEYLETIDAE & ANIMAL DISEASE

- Bushnell & Hummon, Amer. Fur Breed. 18(2):36, 1945.

CHEYLETIELLA PARASITIVORAX (Még.) - NORTH AMERICA

- b Cooper, J. Parasit. 32:480-482, 1946.

CHEYLETUS sp. - SPRAYS - DDT

EMULSION

- Nicholson et al., U. S. Pub. Health Rpts. 63:1009-1010, 1948.

*CHICKEN BODY LOUSE, see EOMENACANTHUS STRAMINEUS (Nitz.)

- *CHICKEN HEAD LOUSE, see CUCLO-
TOGASTER HETEROGRAPHUS
(Nitz.)
- *CHICKEN MITE, see DERMANYSSUS
GALLINAE (Deg.)
- *CHIGGER, see EUTROMBICULA AL-
FREDDUGESI (Oud.)
- CHIGGERS
i Michener & Michener, Nat. Hist. 56:
231-235, 1947.
Seigel, Hygeia 25:592-593, 1947.
Smith et al., Kans. Ent. Soc. J. 20:55,
58, 1947.
Stiles, Okla. Ext. C. 223 rev.:32-33,
1946?
- CHIGGERS, see also TROMBICULIDAE
- CHIGGERS - CONTROL - MILITARY
ZONES
i U. S. War Dept. TM 5-632 (PB-2435):
53, 1945.
- CHIGGERS - REPELLENTS
Granett, Sci. News Let. 48:375, 1945.
Howland, Better Homes & Gard. 25
(10):27, 1947.
Michener & Michener, Sci. News Let.
51:338, 1947.
Pi Joan et al., U. S. Nav. Med. Bul. 46:
1519, 1946.
Snyder & Morton, Soap & Sanit. Chem.
22(11):133,135, 1946.
Snyder & Morton, J. Ec. Ent. 39:385-
387, 1946; 40:586-587, 1947.
Travis, USDA YB f. 1943/47:630-631.
- CHIGGERS - WOODLAND PLOTS
Smith & Gouck, J. Ec. Ent. 40:790-
795, 1947.
- *CHIGOE, see TUNGA PENETRANS (L.)
- CHILO LOFTINI Dyar (WESTERN SUG-
ARCANE BORER)
Annand, USDA EPQ R. f. 1944/45:30,
1946.
Armitage et al., Cal. Dept. Agr. B. 34:
173, 1945.
Keifer, Cal. Dept. Agr. B. 33:253,
1945; 34:188, 1946.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:22.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1):5-6.
- CHILO LOFTINI - SURVEYS
b Osborn & Phillips, J. Ec. Ent. 39:
755-759, 1946.
- CHILOCAMPYLA sp. near PSIDIELLA
Busck
Wolfenbarger, Fla. St. Hort. Soc. P.
60:169, 1947.
- CHILOCORUS sp.
Omer-Cooper & Glaholm, Cit. Leaves
26(5):29-30, 1946.
- CHILOCORUS BIVULNERUS Muls., see
CHILOCORUS STIGMA (Say)
- CHILOCORUS CACTI L.
Bartlett, P. R. (Mayaguez) R. f. 1944:
28, 1945.
Osorio, Control de Plagas 8 [i.e. 7]:
72, 1945.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:551, 1946.
- CHILOCORUS STIGMA (Say) (TWICE-
STABBED LADYBEETLE)*
Brann, Cornell Univ. Abs. Theses f.
1944:146, 1945.
Brann, N. Y. (G.) R. 64:32, 1946.
Brower, J. Ec. Ent. 40:694, 1947.
Eveling, Cal. Ext. C. 43 rev.:49, 1947.
Mathis, Fla. Ent. 29:33-35, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
Plank & Bartlett, P. R. (Mayaguez) R.
f. 1945:39, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:9, 1947.
Thompson & Griffiths, Fla. St. Hort.
Soc. P. 60:88, 1947.
Wolfe et al., Fla. Ext. B. 129:86, 1946.
- CHILOCORUS STIGMA - SPRAYS
Osburn, Fla. St. Hort. Soc. P. 58:158,
1945.
- CHILOCORUS STIGMA - SPRAYS - DDT
Griffiths & Stearns, Fla. Ent. 30.4-7,
1947.
Griffiths & Thompson, J. Ec. Ent. 40
387, 1947.
Osburn, J. Ec. Ent. 38:168, 1945.
Thompson, Fla. R. f. 1946/47:160.
- CHILONEURINUS MICROPHAGUS Mayr
Lord, Can. Ent. 79:207, 1947.
- CHILOPODA, see CENTIPEDES
- CHIN FLY, see GASTEROPHILUS NA-
SALIS (L.)
- *CHINCH BUG, see BLISSUS LEUCOP-
TERUS (Say)
- *CHINESE MANTIS, see TENODERA
ARIDIFOLIA SINENSIS Sauss.
- *CHINESE OBSCURE SCALE, see PAR-
LATORIA CHINENSIS Marl.
- CHINESE ROSE BEETLE, see ADORE-
TUS SINICUS Burm.
- CHIONASPIS CITRI Comst., see UNAS-
PIS CITRI (Comst.)
- CHIONASPIS EUONYMI Comst., see
UNASPIS EUONYMI (Comst.)
- CHIONASPIS FURFURA (Fitch) (SCUR-
FY SCALE)*
i Boyd, N. J. Dept. Agr. C. 355:98-99,
1945.
Brann, Cornell Univ. Abs. Theses f.
1944:145-148, 1945.
Brann, N. Y. (G.) R. 64:32, 1946.
Chandler, Ill. St. Hort. Soc. Trans.
79:125, 1946; 80:138, 1947.
Dewey, N. Y. St. Hort. Soc. P. 92:57,
1947.
Graham et al., Md. Ext. B. 105:8,
1945; 112:7, 1946.
i Mills & Dewey, N. Y. (C.) Ext. B.
711:6-8, 27, 47, 1947.
i Muma, Neb. Ext. C. 1536 rev.:3,
1946.
Peterson, Can. Ins. Pest Rev. 25:83,
1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:71, 1947.
Sherwood, W. Va. Ext. C. 320 rev.:16,
1946.

- CHIONASPIS FURFURA - PARASITES & PREDATORS
Brann, Cornell Univ. Abs. Theses f. 1944:146, 1945.
- CHIONASPIS PINIFOLIAE (Fitch), see PHENACASPIS PINIFOLIAE (Fitch)
- CHIONEA VALGA Harr.
i Lechevalier, Nat. Can. 73:205-206, 1946.
- CHIONODES Hbn.
ni Clarke, Wash. Acad. Sci. J. 37:243-254, 1947.
- CHIRONOMIDAE, see TENDIPEDIDAE
- CHIRONOMUS Meig., see TENDIPES Meig.
- CHIROPTONYSSUS TEXENSIS Aug.
ni Augustson, South. Cal. Acad. Sci. B. 44:46-48, 1945.
- CHIROTHRIPS PATRUELIIS Hood
Blanchi, Hawaiian Ent. Soc. P. 13:41, 1947.
- CHIROTHRIPS SIMILIS Bagn. - SPRAYS
Steinweden, Orchid Digest 9:366, 1945.
- CHIROTHRIPS SPINICEPS Hood
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):8.
- CHLAENUS Bon. - LARVAE - GLANDS
i Hayes & Chu, Kans. Ent. Soc. J. 20. 142-145, 1947.
- CHLAENUS sp. - PROVENTRICULUS
bi Judd, Can. Ent. 79:58-60, 1947.
- CHLAMYDATUS ASSOCIATUS (Uhl.) (RAGWEED PLANT BUG)* (FALSE FLEAHOPPER)
Hill, Neb. Res. B. 138:3,7,10,12-13, 1945.
Hill & Sooter, Neb. R. 60:50, 1947.
- CHLAMYDATUS UNIFORMIS (Uhl.)
Fautin, Ecol. Monog. 16:273, 1946.
- CHLIARIA OTHONA DENDROBII Roepke
Swezey, Hawaiian Ent. Soc. P. 12:362, 1945.
- CHLORIDA FESTIVA (L.)
i Martorell, P. R. Univ. J. Agr. 29:437, 440-441, 1945.
- CHLORION ATRATUM (Lep.)
Leech, B. C. Ent. Soc. P. 43:32, 1947.
- CHLORION HARRISI Fern.
Swezey, Hawaiian Ent. Soc. P. 13:8, 1947.
- CHLORION LAEVIVENTRIS (Cress.)
bi La Rivers, Amer. Mid. Nat. 33:743-763, 1945.
- CHLORIONINI - HABITS & BEHAVIOR
Fernald, Ent. Soc. Amer. Ann. 38:458-460, 1945.
- CHLORITA VIRIDULA (Fall.) & LEAF ROLL OF POTATO
Jensen, Hawaiian Ent. Soc. P. 12:599, 1946.
- CHLOROCHROA LIGATA (Say) (CON-CHUELA)* - EGGS
Esselbaugh, Ent. Soc. Amer. Ann. 39: 681-682, 1946.
- CHLOROCHROA LIGATA - PARASITES
Clancy, J. Ec. Ent. 39:327, 1946.
- CHLOROCHROA OPUNTIAE Esselb.
ni Esselbaugh, Bklyn. Ent. Soc. B. 42: 166-168, 1947.
- CHLOROCHROA PEI.SIMILIS Horw.-EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39: 680-681, 1946.
- CHLOROCHROA SAYI Stal (SAY STINK BUG)* (SAY GRAIN BUG)
Arnason et al., Can. Ins. Pest Rev. 24:86, 1946.
Fautin, Ecol. Monog. 16:269, 1946.
Gardiner, Can. Min. Agr. R. f. 1945/46:67; f. 1946/47:80.
b Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:298-299,316, 1947.
Hitchcock, Mont. Ext. Ser. A-56,2 p., 1945.
Manson & Arnason, Can. Ins. Pest Rev. 25:11, 1947.
Manson et al., Can. Ins. Pest Rev. 24: 93, 1946.
Werner, Neb. B. 384:73-74,78,82, 1947.
Wilson, Alberta Dept. Agr. R. f. 1944: 23, 1945.
- CHLOROCHROA SAYI - EGGS
Esselbaugh, Ent. Soc. Amer. Ann. 39: 681, 1946.
- CHLOROCHROA SAYI - FEEDING - EFFECT ON WHEAT
Jacobson, Can. Ent. 77 200, 1945.
- CHLOROCHROA SAYI - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47:7.
Hills & McKinney, USDA EPQ E-648 1-2,15-19, 1945.
- CHLOROCHROA SAYI - INSECTICIDES - DDT
Smith, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:8, 1945.
White, USDA EPQ E-642:3, 1945; E-692.4, 1946.
- CHLOROCHROA SAYI - PARASITES & PREDATORS
Clancy, J. Ec. Ent. 39:327-328, 1946.
- CHLOROCHROA SAYI & SEED PRODUCTION - SUGAR BEETS
Hills & McKinney, J. Ec. Ent. 39:335-337, 1946.
- CHLOROPHORUS ANNULARIS (F.)
Knull, Ohio Biol. Surv. B. 39:224, 1946.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):7.
- CHLOROPIDAE
i Redlinger & Jaques, Iowa Acad. Sci. P. 51:471-472, 1945.
- CHLOROPIDAE - INSECTICIDES
b Roark, USDA EPQ E-652:13, 1945.
- CHLOROPISCA Loew, see THAUMATOMYIA Zenk.
- CHLOROTETTIX Van D. - MEXICO
nik DeLong, Lloydia 8:1-30, 1945.
- CHLOROTETTIX SIMILIS DeLong
i DeLong & Severin, Hilgardia 17: 535-537, 1947.
- CHLOROTETTIX SIMILIS & CALIFORNIA ASTER YELLOWS
i Severin, Hilgardia 17:517-518, 1947.
- CHLOROTIC STREAK OF SUGAR CANE, see under genera DRAECULA-CEPHALA; TARSONEMUS; TRIONYMUS
- CHLOSNEY LACINIA (Geyer)
i Comstock, South. Cal. Acad. Sci. B. 45:143-144, 1947.
- CHOERIDIUM Serv., see ATEUCHUS Weber

- CHOKECHERRY TORTRIX, *see* ARCHIES CERASIVORANA (Fitch)
- CHOLUS CATTLEAYE Champ.
Lyle, J. Ec. Ent. 40:3, 1947.
Swezey, Hawaiian Ent. Soc. P. 12:349, 1945.
- CHOLUS CATTLEYARUM Barber, *see* CHOLUS CATTLEAYE Champ.
- CHORANTHUS VITELLUS (F.)
Martorell, P. R. Univ. J. Agr. 29:492-493, 1945.
- CHORIOPTES sp.
i Coffin, Man. Vet. Clin. Path. rev.: 59-60, 1945.
- CHORIOPTES BOVIS (Gerl.)
i Baker, N. Y. St. Vet. Col. Vet. Expt. Sta. Parasit. Lab., Barn Itch:14-15, 1946.
Howe, N. Y. Dept. Agr. & Mkts. R. f. 1946/47:15-19.
- CHORIOPTES CUNICULI Zürn & OTITIS Streeter, Vet. Med. 40:412-413, 1945.
- CHORIOPTES OVIS (Raill.)
Baker, Mangt. & Feeding Sheep:225, 1947.
- CHORISTONEURA FUMIFERANA (Clem.) (SPRUCE BUDWORM)*
Anderson, USDA R. Sec. f. 1946:146-147; f. 1947:140.
- CHORISTONEURA FUMIFERANA
Annand, USDA EPQ R. f. 1943/44:7; f. 1944/45:8,15,25,32-33; f. 1945/46:3,16,20-21,24; f. 1946/47:15,28,35.
Bailey, Vt. Comnr. Agr. Bien. R. 23:80-81, 1946.
Conklin, N. H. B. 367-33, 1946; 372:32, 1947.
i Cummings, Amer. Nurserym. 83(7):14, 1946.
Dirks, Maine B. 449:489-491, 1947.
i Evenden & Wygant, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:15, 1945.
Foss, N. Y. St. Conserv. Dept. R. 36:77-78, 1946.
Schaffner, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:19, 1946.
i Westveld, Budworm Is Back, 15 p., 1947?
- CHORISTONEURA FUMIFERANA - ANATOMY, EXTERNAL
bi Freeman, Can. Ent. 79:21-31, 1947.
- CHORISTONEURA FUMIFERANA - CAN-ADA
Balch & Reeks, N. B. Dept. Lands & Mines R. 108:108-109, 1945; 109:123-124, 1946; 110:63-64, 1947.
Bradley, Can. Ins. Pest Rev. 24:61, 1946.
Cannon, Can. Ins. Pest Rev. 24:13, 1946.
DeGryse, For. Ent. in Can.:3,7, 1947.
Gardiner, Can. Min. Agr. R. f. 1944/45:61-62,66; f. 1945/46:17,72-75,78-79; f. 1946/47:88-92,96-97.
Leech et al., Can. Ins. Pest Rev. 25:56-58, 1947.
Lejeune, Can. Ins. Pest Rev. 24:74-75, 1946.
Lejeune & Bradley, Can. Ins. Pest Rev. 25:72, 1947.
- CHORISTONEURA FUMIFERANA - CAN-ADA--Continued.
Mathers, Can. Ins. Pest Rev. 24:120-121, 1946.
Reeks, Can. Ins. Pest Rev. 24:25, 1946.
Twinn, Can. Ins. Pest Rev. 23:6, 1945.
Twinn, Ent. Soc. Ont. R. 75:49, 1945.
Watson, Can. Ins. Pest Rev. 24:64, 1946.
Wressell, Can. Ins. Pest Rev. 24:58, 1946.
- CHORISTONEURA FUMIFERANA - CAN-ADA - SURVEYS
i Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:27-29, 1945.
Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:36-37, 1946.
Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:42-44, 1947.
Davault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:20-21, 1947.
Davault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:20-21, 1946.
i Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:16-17, 1945.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:63, 1945. f. 1945:61-62, 1946; f. 1946:79, 1947.
Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:44-45, 1946.
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:55-56, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:69, 1947.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:9, 1945; f. 1945:11-12, 1946; f. 1946:12, 1947.
Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:40-42, 1945.
Watson & Razienne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:36, 1947.
Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:27-28, 1946.
- CHORISTONEURA FUMIFERANA - FOREST MANAGEMENT
b Hodson & Zehngraff, J. For. 44:198-200, 1946.
- CHORISTONEURA FUMIFERANA - GENETICS
b Smith, Sci. Agr. 25:567-571, 1945.
- CHORISTONEURA FUMIFERANA - INSECTICIDES
b Brown et al., Can. Ent. 79:161-166, 1947.
Orr & Wygant, USDA EPQ E-669,10 p., 1945.
- CHORISTONEURA FUMIFERANA - INSECTICIDES - DDT
Craighead & Brown, USDA EPQ E-649:2, 1945; E-684:6-8, 1946.

**CHOPSTONEURA FUMIFERANA - IN-
SECTICIDES - DDT--Continued.**

- Daviault, For. Québécoise 10:107-108, 1945.
Dowden et al., USDA EPQ E-663:6-8, 12, 1945.
George & Mitchell, J. Ec. Ent. 40: 784, 1947.
b Kendeigh, Ont. Dept. Lands & For. Div. Res. Biol. B., 100 p., 1947.
i Kernan, Amer. For. 51:111-112, 1945.
i Leslie, Can. Geog. J. 31:186-197, 1945.

**CHORISTONEURA FUMIFERANA - MAR-
ITIME PROVINCES**

- Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 60, 7 p., 1946.

**CHORISTONEURA FUMIFERANA - NOVA
SCOTIA**

- Harrison, N. S. Dept. Lands & For. R. f. 1944:39-40, 1945, f. 1945:35, 1946.
Hawboldt, N. S. Dept. Lands & For. R. f. 1945:46:37, 1947.

**CHORISTONEURA FUMIFERANA - OUT-
BREAKS**

- b Heimbürger, For. Chron. 21:114-126, 1945.
i Kennedy, Ont. Royal Com. For. R. f. 1947:115-116.
Watts, USDA FS R. f. 1947:20.

**CHORISTONEURA FUMIFERANA - PAR-
ASITES**

- bi Brown, Can. Ent. 78 121-129, 138-147, 1946.
Buchanan, Rocky Mountain Conf. Ent. R. 18:6-7, 1947.
Coppel, Ent. Soc. Ont. R. 77:38-40, 1947.
Daviault, Quebec Min. Lands & For. R. f. 1944/45:113-114, 117, 1946, f. 1945/46:114, 1947.
Dirks, Maine B. 449:491, 1947.
Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:49, 1946.
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 61-62, 1947.
i Shackleton, For. & Outdoors, Aug. 1947:237-238, 1947.
Wilkes, Can. Ent. 78:82-86, 1946.
Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Para-sites. 13-17, 1947.
Wilkes, Quebec Soc. Protect. Plants R. 30:111-112, 1947.
Wilkes & Anderson, Ent. Soc. Ont. R. 77:40-44, 1947.

**CHORISTONEURA FUMIFERANA - QUE-
BEC**

- Daviault, For. Québécoise 9:14-15, 1945; 10:197, 1945; 11:12, 1946.
Daviault, Laurentian For. Protect. Assoc. Ltd. R. 30:36, 1946.
Daviault, Quebec Min. Lands & For. R. f. 1945/46:114-120, 1947.
Lambert, Quebec Min. Lands & For. R. f. 1943/44:92-93, 1945.
Lévesque, For. Québécoise 11:530-531, 534, 1946.

**CHORISTONEURA FUMIFERANA - QUE-
BEC--Continued.**

- Paquet, Quebec Min. Lands & For. R. f. 1943/44:94, 1945.

**CHORISTONEURA FUMIFERANA -
SANITATION CUTTING**

- Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 60:2-5, 7, 1946.
McLintock, J. For. 45:655-658, 1947.
McLintock & Westveld, USDA FS Northeast. For. Expt. Sta. For. Mangt. Paper 1,8 p., 1946.
Watts, USDA FS R. f. 1946:32, 1947.

**CHORISTONEURA FUMIFERANA - SEX
RATIO**

- b Smith, J. Hered. 36:195-196, 1945.

**CHORISTONEURA FUMIFERANA - VAR-
IATIONS**

- Freeman, Ent. Soc. Ont. R. 77:8-9, 1947.

**CHORISTONEURA FUMIFERANA &
WEATHER**

- Dirks, Maine B. 442:299-302, 1946.
b Wellington & Henson, Can. Ent. 79: 168-170, 195, 1947.

**CHORIZAGROTIS AUXILIARIS (Grote)
(ARMY CUTWORM)***

- Annard, USDA EPQ R. f. 1944/45:41, f. 1945/46:37; f. 1946/47:41-42.
Manson, Can. Ins. Pest Rev. 25:4, 1947.

- Mills et al., Mont. B. 442:16, 1947.
Walton & Packard, USDA FB 1850 rev.: 7, 1947.

CHORIZAGROTIS THANATALOGIA Dyar

- Arnason, Can. Ins. Pest Rev. 25:5, 1947.

**CHORTHIPPUS CURTIPENNIS (Harr.),
see CHORTHIPPUS LONGICORNIS
(Latr.)**

CHORTHIPPUS LONGICORNIS (Latr.)

- bi Coleman, Genetics 32:435-437, 1947.
Hammond, Can. Ins. Pest Rev. 25:8, 1947.

CHORTINASPIS Bouché

- nik Ferris, Microent. 11:37-43, 1946.

CHORTOPHAGA Sauss.

- Hammond, Can. Ins. Pest Rev. 25:8, 1947.

**CHORTOPHAGA VIRIDIFASCIATA (Deg.)
(GREEN MEADOW LOCUST)***

- b Carlson, Biol. Bul. 90:109-121, 1946.
Ris, Cold Spring Harbor Symposia on Quantit. Biol. 12:159-160, 1948.

**CHORTOPHAGA VIRIDIFASCIATA -
GAMMA RAYS**

- Carlson et al., Anat. Rec. 99:581, 1947.

**CHORTOPHAGA VIRIDIFASCIATA -
ULTRAVIOLET RAYS**

- Carlson & Hollaender, Anat. Rec. 96: 535, 1946. (Abs.)

**CHORTOPHAGA VIRIDIFASCIATA -
X-RAYS**

- Gaulden, Anat. Rec. 99:581, 1947.

CHRAMESUS HICORIAE Lec.

- i Beal & Massey, Duke Univ. School For. B. 10:75-76, 1945.

CHRISTMAS TREE INSECTS

- Murphy, Pa. Ext. C. 284:13-14, 1945.

- CHRISTMAS TREE INSECTS**--Continued.
Wellner & Roe, USDA For. Serv.
North. Rocky Mountain For. & Expt.
Sta. Paper 9:16, 1947.
- CHROMAPHIS JUGLANDICOLA** (Kltb.)
(WALNUT APHID)*
i Batchelor et al., Cal. C. 364:23-24,
1945.
Michelbacher & Swanson, J. Ec. Ent.
38:127-128, 1945.
Michelbacher et al., in Cal. Agr. Expt.
Sta., Invest. with DDT in Cal. 1944:
30, 1945.
Michelbacher et al., Cal. C. 365:82,
87-90, 1946.
Michelbacher et al., J. Ec. Ent. 39:
813, 1946.
Ryan, Los Angeles Co. Cal. Agr.
Comnr. R. f. 1944/45:8; f. 1945/46:
16; f. 1946/47:18.
- CHROMAPHIS JUGLANDICOLA - PRED-
ATORS**
Michelbacher & Swanson, J. Ec. Ent.
38:128, 1945.
- ***CHRYSANTHEMUM APHID**, see **MA-
CROSIPHONIELLA SANBORNII**
(Gill.)
- ***CHRYSANTHEMUM GALL MIDGE**, see
DIARTHROMYIA HYPOGAEA
(Loew)
- CHRYSANTHEMUM INSECTS**
Cumming, Hardy Chrysanthemums
rev.:123-132, 1945.
Hamilton, Natl. Chrysanthemum Soc.
B. 3(2):4-8, 1947.
i Laurie & Kiplinger, Gard. & Green-
house Chrysanthemums:52-65, 1946.
Parks & King, Ohio Ext. B. 76 rev.:
14, 1947.
Scott & Scott, Chrysanthemums for
Pleasure:12-18,24-29, 1947.
- CHRYSANTHEMUM MIDGE**, see **DIAR-
THROMYIA HYPOGAEA** Loew
- ***CHRYSANTHEMUM THRIPS**, see
THRIPS NIGROPILOSUS Uzel
- CHRYSIS** sp.
Peck & Bolton, Sci. Agr. 26:410, 1946.
- CHRYSIS EXTRANIENS** Roh.
Pemberton, Hawaiian Planters' Rec.
50:129,131,133-139, 1946.
- CHRYSIS PARVULA** F.
Rau, Ent. News 57:196, 1946.
- CHRYSOBOTHRIS** sp.
Pemberton, Hawaiian Sugar Planters'
Assoc. P. 66, Expt. Sta. R. f.
1945/46:23, 1947.
- CHRYSOBOTHRIS CYANELLA** Horn
Mansfield, Pan-Pac. Ent. 23:41-42,
1947.
- CHRYSOBOTHRIS FEMORATA** (Oliv.)
(FLATHEADED APPLE TREE
BORER)*
Bare, Neb. Ext. C. 1510 rev.:4 p.,
1946.
Bissell & Firor, Ga. Ext. B. 501 rev.:
24-25, 1947.
i Boyd, N. J. Dept. Agr. C. 355:113-
114, 1945.
Childs et al., Oreg. Ext. B. 664:4,
1946.
Fillinger, Kans. C. 235:15-17, 1946.
French, Gard. Gossip 22(2):13, 1947.
- CHRYSOBOTHRIS FEMORATA**--Contin-
ued.
Herrick, Iowa St. Hort. Soc. Trans.
82:60-61, 1947.
Lecrone, Okla. Ext. C. 108 rev.:19-
20, 1946.
i Talbert, Gen. Hort.:186-187, 1946.
Wallace, Conn. B. 488:370, 1945.
- CHRYSOBOTHRIS FEMORATA - PAINT-
ING TREES**
i Kenealy, Trees 6(4):6,14, 1946.
- CHRYSOBOTHRIS FEMORATA - SHAD-
ING TREE**
Powell et al., Ill. Ext. C. 568 rev.:6,
1946.
- CHRYSOBOTHRIS FEMORATA - PE-
CANS**
Musser et al., S. C. Ext. C. 301:31-
32, 1947.
- CHRYSOBOTHRIS MALI** Horn (PACIFIC
FLATHEADED BORER)* (WEST-
ERN FLATHEADED BORER)
Butterfield, Cal. Ext. C. 80 rev.:44,
1947.
Howard & Brooks, Cal. Ext. C. 117
rev.:35, 1947.
i Phillips & Cole, Fla. B. 411 rev.
28-30, 1947.
Powell et al., Ill. Ext. C. 610:6, 1947.
Ryan, Los Angeles Co. Cal. Agr.
Comnr. R. f. 1946/47:15.
Smith, Cal. Ext. C. 98 rev.:49-51,
1946.
i Smith, Cal. Ext. C. 46 rev.:42,1947.
- CHRYSOBOTHRIS MEGACEPHALA** Cast
& Gory
i Martorell, P. R. Univ. J. Agr. 29.
420-421, 1945.
Tanada et al., Hawaii R. f. 1944/46.
71,73, 1947.
- CHRYSOBOTHRIS SUBOPACA** Schaeff.
Helfer, Bklyn. Ent. Soc. B. 42:140-
141, 1947.
- CHRYSOBOTHRIS TRANQUEBARICA**
(Gmel.) (AUSTRALIAN-PINE
BORER)*
i Martorell, P. R. Univ. J. Agr. 29:
420-424, 1945.
- CHRYSOCHARIS** sp.
Hoffmann, J. Ec. Ent. 38:356, 1945.
- CHRYSOCHARIS CUBENSIS** Gahan
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana),
Caña de Azúcar en Cuba:553, 1946.
- CHRYSOCHARIS GEMMA** (Wlkr.)
Downes, Can. Ins. Pest Rev. 24:128,
1946.
- CHRYSOCHARIS LARICENELLAE**
(Ratz.)
Balch & Reeks, N. B. Dept. Lands &
Mines R. 108:110, 1945; 109:125,
1946.
Davault, Quebec Min. Lands & For.
R. f. 1945/46:114, 1947.
Graham, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Par-
asites:23-25,27, 1947.
Hawboldt, N. S. Dept. Lands & For.
R. f. 1945/46:44, 1947.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:7, 1945.

- CHRYSOIDEIXIS CHALCITES** (Esp.)
Swezey, Hawaiian Ent. Soc. P. 12:365, 1945.
Van Zwaluwenburg, Hawaiian Ent. Soc. P. 13:1, 1947.
- CHRYSOLOINA GEMELLATA** Rossi, *see* **CHRYSOLOINA QUADRIGEMINA** Suffr.
- CHRYSOLOINA HYPERICI** Först.
Annand, USDA EPQ R. f. 1944/45:23, f. 1945/46:22; f. 1946/47:25.
Jardine et al., USDA OES R. f. 1944/45: 54-55, 1946.
Smith, Ent. Soc. Wash. P. 49:169, 1947.
- CHRYSOLOINA QUADRIGEMINA** Suffr.
Annand, USDA EPQ R. f. 1944/45:23, f. 1945/46:22; f. 1946/47:25.
Smith, Ent. Soc. Wash. P. 49:169, 1947.
- CHRYSOLOINA INTERRUPTA** F.
i Boyd, N. J. Dept. Agr. C. 355:15, 1945.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:57, 1946.
Peterson, Can. Ins. Pest Rev. 24:109, 1946.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:71, 1947.
- CHRYSOLOINA LAPONICA** L.
Severin, S. Dak. R. 60:17, 1947.
- CHRYSOLOINA SCRIPTA** F. (COTTON-WOOD LEAF BEETLE)*
i Boyd, N. J. Dept. Agr. C. 355:16-17, 1945.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:67, 1945.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:56, 1945; f. 1945:57, 1946.
Peterson, Can. Ins. Pest Rev. 24:109, 1946; 25:77, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:71, 1947.
Severin, S. Dak. R. 60:17, 1947.
- CHRYSOLOINA TREMULAE** F. (ASPEN LEAF BEETLE)*
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:56, 1945, f. 1945:57, 1946.
Peterson, Can. Ins. Pest Rev. 24:109, 1946; 25:77, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:71, 1947.
Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944: 48, 1945.
- CHRYSOLOINIDAE**
Arnett, Coleopterists' Bul. 1:88, 1947.
Brown, Can. Ent. 78:47-54, 1946.
Fender, Pan-Pac. Ent. 21:72-73, 1945.
- CHRYSOLOPHALUS AONIDUM** (L.) (FLORIDA RED SCALE)*
i English, Amer. Camellia YB 1:35, 1946.
Griffiths, Fla. R. f. 1945/46:157-158; f. 1946/47:162.
i Hume, Camellias in Amer.:177-178, 1946.
Martorell, P. R. Univ. J. Agr. 29:409, 1945.
Morrison, Cal. Dept. Agr. B.35:133, 1946.
- CHRYSOLOPHALUS AONIDUM**--Continued.
Ross, Can. Ins. Pest Rev. 24:47, 1946.
Thompson, Fla. R. f. 1945/46:154-155; f. 1946/47:160-162.
Westcott, Sun-up 2(2):10, 1947.
Wressell, Can. Ins. Pest Rev. 24:58, 1946.
- CHRYSOLOPHALUS AONIDUM - BIOLOGY**
b Mathis, Fla. Ent. 29:13, 15-35, 1947.
- CHRYSOLOPHALUS AONIDUM - INSECTICIDES**
Thompson, Cit. Indus. 28(8):5-7, 1947.
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:87-88, 1947.
Wilmoth, Fla. Ext. B. 130:17-18, 1946.
Wolfe et al., Fla. Ext. B. 129:91, 1946.
- CHRYSOLOPHALUS AONIDUM - INSECTICIDES - DDT**
Annand, USDA EPQ R. f. 1945/46:3, 1947.
Griffiths & Stearns, Fla. Ent. 30:1, 3-8, 1947.
Griffiths & Thompson, J. Ec. Ent. 40: 386-388, 1947.
- CHRYSOLOPHALUS AONIDUM - POPULATIONS**
Griffiths, Cit. Indus. 28(6):20-21, 1947.
b Osburn & Mathis, J. Ec. Ent. 39: 571-574, 1946.
- CHRYSOLOPHALUS BIFASCICULATUS** Ferris
Morrison, Cal. Dept. Agr. B. 35:133, 1946.
- CHRYSOLOPHALUS DICTYOSPERMI** (Morg.) (DICTYOSPERMUM SCALE)*
Ebeling, Cal. Ext. C. 43 rev.:51, 1947.
Martorell, P. R. Univ. J. Agr. 29:410, 1945.
Morrison, Cal. Dept. Agr. B. 35:133, 1946.
Steinweden, Orchid Digest 9:265-266, 1945.
Swezey, Hawaiian Ent. Soc. P. 12:388, 1945.
Wolfe et al., Fla. Ext. B. 129:85, 1946.
- CHRYSOLOPHALUS DICTOSPERMI - SPRAYS - DDT**
Cory, J. Ec. Ent. 38:395, 1945.
Cory, Amer. Orchid. Soc. B. 13:376, 1945, 16:146-147, 1947.
- CHRYSOLOPHALUS NIGROPUNCTATUS** (Ckll.)
Martorell, P. R. Univ. J. Agr. 29:411, 1945.
- CHRYSOLOPHALUS OBSCURUS** (Comst.) (OBSCURE SCALE)*
Armitage, Cal. Dept. Agr. B. 33:234, 1945.
Bissell & Firor, Ga. Ext. B. 501 rev.: 23, 1947.
Lyle, J. Ec. Ent. 40:3, 1947.
- CHRYSOLOPHALUS PERSONATUS** (Comst.)
Martorell, P. R. Univ. J. Agr. 29:410-411, 1945.
- CHRYSOLOPHALUS PORTORICENSIS** Lindinger
Martorell, P. R. Univ. J. Agr. 29:411, 1945.

- CHRYSOMPHALUS ROSSI** (Mask.)
Swezey, Hawaiian Ent. Soc. P. 12:388,
1945.
- CHRYSOMYA** Rob.-Desv. - **SPRAYS** -
DDT
Yust, J. Ec. Ent. 40:765, 1947.
- CHRYSOMYA ALBICEPS** (Wied.) (**BAN-**
DED BLOWFLY & MYIASIS)
James, USDA Misc. Pub. 631:69-70,
1947.
- CHRYSOMYA BEZZIANA** Villen. (**OLD**
WORLD SCREWORM) & **MYIA-**
SIS
bi James, USDA Misc. Pub. 631:72-74,
1947.
- CHRYSOMYA CHLOROPYGA** (Wied.)
(**GREEN-TAIL BLUEBOTTLE**) &
MYIASIS
i James, USDA Misc. Pub. 631:70-71,
1947.
- CHRYSOMYA MARGINALIS** (Wied.) &
MYIASIS
James, USDA Misc. Pub. 631:69, 1947.
- CHRYSOMYA MEGACEPHALA** (F.)
(**ORIENTAL BLOWFLY**)
i Furman, J. Ec. Ent. 39:541-542,
1946.
Sherman, U. S. Army Med. Dept. Bul.
84:12-13, 1945. (Abs.)
Tanada et al., Hawaii R. f. 1944/46:71,
73, 1947.
Travis & Bohart, J. Ec. Ent. 39:740-
742, 1946.
- CHRYSOMYA MEGACEPHALA & ANI-**
MAL DISEASE
Holdaway, Hawaiian Acad. Sci. P.
17:18:17, 1945. (Abs.)
- CHRYSOMYA MEGACEPHALA & MYIA-**
SIS
James, USDA Misc. Pub. 631:74-75,
1947.
- CHRYSOMYA MEGACEPHALA AS FOOD**
Hoffman, Ent. Soc. Wash. P. 49:235,
1947.
- CHRYSOMYA MICROPOGON** (Bigot)
(**STEEL-BLUE BLOWFLY**) & **MYIA-**
SIS
James, USDA Misc. Pub. 631:75, 1947.
- CHRYSOMYA PUTORIA** (Wied.) & **MYIA-**
SIS
James, USDA Misc. Pub. 631:72, 1947.
- CHRYSOMYA RUFACIES** (Macq.)
Holdaway, Hawaiian Acad. Sci. P.
17:18:17, 1945. (Abs.)
McCornack, Amer. Vet. Med. Assoc.
J. 107:80, 1945.
- CHRYSOMYA RUFACIES & MYIASIS**
James, USDA Misc. Pub. 631:71, 1947.
- CHRYSOPA** Leach - **PREY**
Michener & Michener, Nat. Hist. 54:
144, 1945.
- CHRYSOPA** sp.
Hill, Neb. Res. B. 138:3,9, 1945.
Peterson, Can. Ins. Pest Rev. 24:105,
1946.
- CHRYSOPA CALIFORNICA** Coq., *see*
CHRYSOPA FLORABUNDA CALI-
FORNICA Coq.
- CHRYSOPA EXCEPTA** Banks, C. HAR-
RISII Fitch
Pletsch, Mont. B. 446:79, 1947.
- CHRYSOPA HARRISII EXTERNA** Hagen -
PARASITES
i Clancy, Cal. Univ. Pub. Ent. 7:405,
1946.
- CHRYSOPA LATERALIS** Guér.
Mathis, Fla. Ent. 29:33-34, 1947.
- CHRYSOPA MAJUSCULA** Banks - **PAR-**
ASITES
i Clancy, Cal. Univ. Pub. Ent. 7:404-
407, 1946.
- CHRYSOPA OCULATA** Say (**GOLDEN-**
EYE LACEWING)*
Headstrom, Horticulture 23:259, 1945.
Pletsch, Mont. B. 446:79, 1947.
- CHRYSOPA OCULATA CHLOROPHANA**
Burm., *see* **CHRYSOPA OCULATA**
Say
- CHRYSOPA FLORABUNDA** Fitch
Pletsch, Mont. B. 446:79, 1947.
- CHRYSOPA FLORABUNDA CALIFORNI-**
CA Coq. (**CALIFORNIA GREEN**
LACEWING)
i Clancy, Cal. Univ. Pub. Ent. 7:404-
407, 1946.
DeBach & Fleschner, Cal. Agr. 1(13):
3, 1947.
DeBach & Fleschner, Cal. Citrog. 33:
23-24, 1947.
DeBach & Fleschner, Cit. Leaves 27
(11):9,27, 1947.
Pletsch, Mont. B. 446:79, 1947.
- CHRYSOPIDAE**
Michelbacher et al., Cal. C. 365:89,
1946.
Palmer, Green Thumb 2(3):17, 1945.
Roark & McIndoo, USDA EPQ E-728:
100, 1947.
- CHRYSOPIDAE - EGGS**
i Smith, Sci. News Let. 49:179, 1946.
- CHRYSOPIDAE - PARASITES**
bi Clancy, Cal. Univ. Pub. Ent. 7:403-
496, 1946.
- CHRYSOPILUS PROXIMUS** (Wlkr.)
Knowlton, Bklyn. Ent. Soc. B. 42:50,
1947.
- CHRYSOPLATYCERUS SPLENDENS** How
Burnett, Quebec Soc. Protect. Plants
R. 29:86, 1945?
Fullaway, Hawaiian Ent. Soc. P. 13:11,
1947.
- CHRYSOPOCTONUS PATRUELLIS** Cushman,
see **OTACUSTES CRASSUS PAT-**
RUELLIS (Cushman.)
- CHRYSOPOPHAGUS COMPRESSICOR-**
NIS Ashm.
bi Clancy, Cal. Univ. Pub. Ent. 7:432-
440, 1946.
- CHRYSOPOPHAGUS COMPRESSICOR-**
NIS - EGGS & LARVAE
Maple, Cal. Univ. Pub. Ent. 8:72-73,
1947.
- CHRYSOPS** Meig.
Gerry, N. J. Mosq. Exterm. Assoc. P.
34:110, 1947.
Stirrett, Can. Ins. Pest Rev. 25:112-
113, 1947.
- CHRYSOPS - FLIGHT**
Ludvig, Science 105:176-177, 1947.
- CHRYSOPS - INSECTICIDES - DDT**
Annand, USDA EPQ R. f. 1946/47:20.
Dove, USDA EPQ E-673:4, 1945.

CHRYSOPS & TULAREMIA

Bow & Brown, Can. Med. Assoc. J. 53: 463, 1945.

CHRYSOPS ON LIVESTOCK

Gjullin & Mote, Ent. Soc. Wash. P. 47: 242-244, 1945.

CHRYSOPS DISCALIS Will.

Anand, USDA EPQ R. f. 1946/47:36.
bi Gjullin & Mote, Ent. Soc. Wash. P. 47:236-244, 1945.

CHRYSOPS DISCALIS & TULAREMIA

Boyd, Prev. Med. ed. 7:327-328, 1945.
Gjullin & Mote, Ent. Soc. Wash. P. 47: 236-237, 1945.
Jackson, Ind. St. Med. Assoc. J. 40: 874, 1947.

CHUFAS INSECTS

Killinger & Stokes, Fla. B. 419:9, 1946

CICADELLA AURATA (L.) & LEAF-ROLL OF POTATOES

Jensen, Hawaiian Ent. Soc. P. 12:599, 1946.

CICADELLA CIRCELLATA (Baker), see HORDNIA CIRCELLATA (Baker)

CICADELLA STELLULATA (Burm.) - PENNSYLVANIA

Frost, J. Ec. Ent. 38:617-618, 1945.

CICADELLIDAE

bk Delong & Knull, Check List of Cica-
dellidae (Homoptera) of Amer., No.
of Mex., 102 p., 1945.

ni Knull, Ohio J. Sci. 45:103-110, 1945.
n Oman, N. Y. Ent. Soc. J. 55:59-63, 1947.

CICADELLIDAE, see also LEAFHOP- PERS

CICADELLIDAE - VIRGINIA

Wene, Ent. News 57:131-132, 1946.

CICADIDAE - COLLECTIONS - W. T. DAVIS

Pallister, Staten Isl. Inst. Arts & Sci. P. 10:45-48, 1946.

CICADULINA MBILA (Naudé) & VIRUS DISEASE OF PLANTS

Jensen, Hawaiian Ent. Soc. P. 12:544, 545, 547, 548, 561, 1946.

CICINDELA L. - COLLECTION & PRES- ERVATION - TEXAS

Valentine, Coleopterists' Bul. 1:61-62, 1947.

CICINDELA FORMOSA GENEROSA Dej. - MAINE

Frost, Psyche 53:30, 1946.

CICINDELIDAE

k Arnett, Systema Nat. Zool. Ins. Pt. 2 (Pub. 2) rev., 7 p., 1947.

CICINDELIDAE - NEVADA

b La Rivers, Pan-Pac. Ent. 22:135-141, 1946.

*CIGAR CASEBEARER, see COLEOPH- ORA OCCIDENTIS Zell.

*CIGARETTE BEETLE, see LASIODER- MA SERRICORNE (F.)

CIMBEX AMERICANA Leach (ELM SAW- FLY)*

Bird & Mitchener, Can. Ins. Pest Rev. 24:73, 1946.

Gauthier, Can. Ins. Pest Rev. 24:32, 1946; 25:64, 1947.

Manson et al., Can. Ins. Pest Rev. 24: 100, 1946.

CIMEX L. - INSECTICIDES

Dews & Morrill, J. Ec. Ent. 39:350-351, 1946.

Watson, Fla. PB 619:2, 1946.

CIMEX - INSECTICIDES - DDT

Bishopp, Amer. J. Pub. Health 35: 378, 1945.

Bishopp, Amer. J. Pub. Health 36: 603-604; Pests 14(8):24, 1946.

Dove, USDA EPQ E-673:12-13, 1945.

Knippling, J. Ec. Ent. 39:364-365, 1946.

Knowlton, Utah Ext. M. S. 619:1, 1945.

i USDA EPQ Orlando, Fla., Lab.,
USDA Misc. Pub. 606:47-49, 1946.

CIMEX - POULTRY

Gannon, Ga. Ext. B. 524:26, 1945.

CIMEX ADJUNCTIS Barber - INSECTI- CIDES - DDT

Pearsall & Wallace, Soap & Sanit. Chem. 22(10):163, 1946.

CIMEX HEMIPTERUS (F.)

Doner, Pests 13(7):5-7, 1945.

b Madden et al., J. Ec. Ent. 38:265-271, 1945.

CIMEX HEMIPTERUS & TEMPERA- TURE

Lindquist et al., Kans. Ent. Soc. J. 19: 14-15, 1946.

CIMEX LECTULARIUS L. (BED BUG)*

Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.

i Cameron, Parasites of Man ed. 2: 161-164, 1946.

Doner, Pests 13(7):5-7, 1945.

Flock, Ariz. St. Ent. R. f. 1944:21, 1945.

Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.

Manson et al., Can. Ins. Pest Rev. 24: 101, 1946; 25:111, 1947.

Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:1-3, 1947.

Ward, B. C. Dept. Agr. R. 40:V79, 1946; R. 41:W108, 1947.

Weiss, N. Y. Ent. Soc. J. 54:166, 1946.

Wressell, Can. Ins. Pest Rev. 24:59, 1946.

CIMEX LECTULARIUS - CONTROL

i Lincoln, Ark. Ext. C. 362 rev.:9, 1945.

i Shepard, Pests 14(11):10, 12, 1946.

Stiles, Okla. Ext. C. 223 rev.:10-11, 1946?

Twinn, Can. Dept. Agr. Div. Ent.

Processed Pub. 33, 7 p., 1945.

i U. S. War Dept. TM 5-632 (PB-2435): 39-45, 1945.

CIMEX LECTULARIUS - INSECTI- CIDES

b Madden et al., J. Ec. Ent. 38:265-271; Amer. Assoc. Ec. Ent. Cotton

Sts. Branch P. 19:72, 1945. (Abs.)

CIMEX LECTULARIUS - INSECTI- CIDES - DDT

Baillie, Can. J. Pub. Health 37:216, 1946.

Henderson, USDA EPQ E-681, 4 p., 1946.

King, Tex. Ext. B. 151:5-6, 1947.

Mote, Oreg. C. Inform. 389:2:3, 1946.

Price, Ky. Ext. C. 438:3, 1947.

- CIMEX LECTULARIUS - INSECTICIDES - DDT--Continued.**
 Randolph, Tex. Acad. Sci. P. & Trans. 29:50-51, 1946.
 i Taggart & Osmun, Pub. Works 77 (11):30, 1947.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:9-10, 1947.
 Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38:3-4, 1946.
 Webster, Better Homes & Gard. 24 (9):149, 1946.
- CIMEX LECTULARIUS - ODOROUS SUBSTANCE**
 Sparhawk, Amer. Perfumer & Essential Oil Rev. 48(5):40, 1946.
- CIMEX LECTULARIUS - PIGEONS**
 Levi, Making Pigeons Pay:225-226, 1946.
- CIMEX LECTULARIUS - POULTRY**
 Alp & Pilchard, Ill. Ext. C. 452 rev.: 31, 1946.
 Gannon, Ga. Ext. B. 524 rev.:30, 1947.
- CIMEX LECTULARIUS - POULTRY HOUSES**
 i Kulash, N. C. Res. & Farm. 4(Prog. R. 1):7,10, 1945.
 bi Kulash, Poultr. Sci. 26:44-47, 1947.
 Tate & Muma, Neb. R. 59:63, 1946.
- CIMEX LECTULARIUS - REARING**
 Sparhawk, Amer. Perfumer & Essential Oil Rev. 48(5):39-40, 1946.
- CIMEX LECTULARIUS - SPRAYS**
 Chamlin, Pests 15(5):18, 1947.
 Harnden, Pests 15(3):18, 1947.
 Parker & Beacher, Del. B. 264:16-17, 25, 1947.
 Patton, Soap & Sanit. Chem. 21(3):109, 111,113,115, 1945.
 Stearns, Soap & Sanit. Chem. 23(1): 119,141, 1947.
- CIMEX LECTULARIUS - SPRAYS - DDT**
 Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):14, 1946.
 DeAtley, Pests 15(1):33-34, 1947.
 i Kyd, Okla. Ext. C. 454:2, 1947.
 Murrell, Can. J. Pub. Health 37:160-162, 1946.
 Pearsall & Wallace, Soap & Sanit. Chem. 22(10):143,161,163, 1946.
 Richardson, Pests 15(9):22, 1947.
 Romney et al., USDA EPQ E-672:12, 1945.
 b Stenborg, U. S. Pub. Health Rpts. 62: 677-681, 1947.
 Taggart, Cornell Vet. 36:163-164, 1946.
 Warrick, Water & Sewage Works 93: 330-331, 1946.
 USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 10, 1947.
- CIMEX LECTULARIUS - SPRAYS - DDT & KEROSENE**
 Kulash & Maxwell, J. Ec. Ent. 38:606, 1945.
- CIMEX LECTULARIUS - SPRAYS - DDT & OIL**
 i Daggy et al., Minn. Ext. B. 252:10, 1946.
 Haseman et al., Mo. C. 309:5, 1946.
- CIMEX LECTULARIUS & BRUCELLOSIS**
 b Tovar, Amer. J. Vet. Res. 8:138-140, 1947.
- CIMEX LECTULARIUS & DISEASE**
 i Boyd, Prev. Med. ed. 7:303,317-318, 327, 1945.
- CIMEX LECTULARIUS & TEMPERATURE**
 Lindquist et al., Kans. Ent. Soc. J. 19: 14-15, 1946.
- CIMEX PILOSELLUS Horv.**
 Doner, Pests 13(7):5-7, 1945.
 MacCreary, J. Ec. Ent. 38:127, 1945.
 Manson, Can. Ins. Pest Rev. 25:111, 1947.
 Manson et al., Can. Ins. Pest Rev. 24: 101, 1946.
 Tauber & Benbrook, Iowa R. f. 1944/45 Pt. 1:255.
- CIMEXOPSIS NYCTALIS List**
 Doner, Pests 13(7):5-7, 1945.
- CINARA Curtis - OUTBREAKS**
 b Hoffmann, J. Ec. Ent. 38:375-377, 1945.
- CINARA sp.**
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:56, 1945.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:71, 1947.
- CINARA CAROLINA Tissot**
 Hoffmann, J. Ec. Ent. 38:376-377, 1945.
- CINARA OSBORNII Tissot, see CINARA OSBORNIANA Tissot**
- CINARA OSBORNIANA Tissot**
 Tissot, Fla. Ent. 27:102, 1945.
- CINARA PINI (L.)**
 Hoffmann, J. Ec. Ent. 38:376, 1945.
- CINARA STROBI (Fitch) (WHITE-PINE APHID)***
 Bromley, N. Y. Ent. Soc. J. 55:210, 1947.
 Hoffmann, J. Ec. Ent. 38:376, 1945.
- CINARA TAEDAE Tissot**
 Hoffmann, J. Ec. Ent. 38:377, 1945.
- CINARA THUJAFOLIA Theob.**
 Burgess, Ariz. R. 55:51, 1945.
- CINARA TUJAFILINA (Del G.)**
 Smith et al., Kans. Ent. Soc. J. 19:44, 1946.
- CINCHONA INSECTS - SPRAYS**
 Plank & Winters, P. R. (Mayaguez) R. f. 1944:21, 1945; f. 1945:29-30, 1946.
- CINEREOUS COCKROACH, see NAUPHOETA CINEREA (Oliv.)**
- CINGILIA CATENARIA (Drury) (CHAIN-SPOTTED GEOMETER)***
 Frost, N. Y. Ent. Soc. J. 53:223, 1945.
- CIRCOTETIX VERRUCULATUS (Kby.)**
 Hammond, Can. Ins. Pest Rev. 25:8, 1947.
- CIRCULIFER TENELLUS (Baker) (BEET LEAFHOPPER)* (SUGAR-BEET LEAFHOPPER)**
 Annand, USDA EPQ R. f. 1944/45:5; f. 1946/47:7-8,34.
 Burgess, Ariz. R. 57:46, 1947.
 Douglass & Peay, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:11-12, 1945.

CIRCULIFER TENELLUS--Continued.

- Flock, Ariz. St. Ent. R. f. 1944:16, 1945.
 Jardine et al., USDA OES R. f. 1943/44: 49, 1945.
 Knowlton & Peay, Utah Mimeo. Ser. 325:1, 1946.
 i Lange, Spreckels Sugar Beet Bul. 11: 2, 1947.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:16.
 Mimms & Zaumeyer, USDA FB 1996: 42, 1947.
 Schwing, Cal. Dept. Agr. B. 33:237-238, 1945.
 i Schwing, Spreckels Sugar Beet Bul. 11:12-13, 1947.
 i Sevier, Spreckels Sugar Beet Bul. 9, 20, 1946.
 Wallace, Cal. Dept. Agr. B. 34:166-168, 1946, 35 190-192, 1947.
 White & Douglass, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945.8-9, 1946.
CIRCULIFER TENELLUS - DISPERSAL, SPRING
 b Douglass et al., Amer. Soc. Sugar Beet Technol. P. 4:289-297, 1947.
CIRCULIFER TENELLUS - FOOD & HOST PLANTS
 b Hallock, J. Ec. Ent. 39:319-325, 1946.
 bi Piemeisel, USDA C. 739, 48 p., 1945.
CIRCULIFER TENELLUS - FOOD & HOST PLANTS - EFFECT ON VITALITY
 Cook, Ecology 27:37-46, 1946.
CIRCULIFER TENELLUS - INSECTICIDES
 b Harries et al., J. Agr. Res. 71:553-565, 1945.
 White, USDA EPQ E-642:6, 1945, E-692:8-9, 1946.
CIRCULIFER TENELLUS - LONGEVITY
 Cook, Ecology 27:37-46, 1946.
 Severin, Hilgardia 17:129-132, 1946.
CIRCULIFER TENELLUS - LOSSES CAUSED BY
 Fox et al., USDA TB 897:26-28, 1945.
CIRCULIFER TENELLUS - PEPPER-GRASS
 Romney, Ecology 27:258-261, 1946.
CIRCULIFER TENELLUS - POPULATIONS
 Bowen, USDA EPQ ET-225, 6 p., 1945.
 Fox et al., USDA TB 897:16-19, 1945.
 b Romney, Ecology 26:135-147, 1945.
CIRCULIFER TENELLUS - POPULATIONS & PLOT LAY-OUT
 bi Bowen, J. Agr. Res. 75:259-278, 1947.
CIRCULIFER TENELLUS & CURLY TOP
 bi Bennett et al., J. Agr. Res. 72:19-46, 1946.
 i Dana & Dodge, Wash. Ext. B. 357, 8 p., 1947.
 Douglas, Rocky Mountain Conf. Ent. R. 18:11, 1947.
 bi Fox et al., USDA TB 897, 29 p., 1945.
 b Hallock, J. Ec. Ent. 39:319-325, 1946.

CIRCULIFER TENELLUS & CURLY TOP --Continued.

- Hallock, Seed World 59(10):50-51, 1946. (Abs.)
 Hoerner, West. Colo. Hort. Soc. Trans. f. 1944:60, 1945.
 bi Piemeisel, USDA C. 739, 48 p., 1945.
 i Severin & Houston, Phytopathology 35:602-604, 1945.
 Wallace, Cal. Dept. Agr. B. 35:191-192, 1946.
 Watson, Ida. B. 268:36-37, 1946.
CIRCULIFER TENELLUS & CURLY TOP - LOCATION OF VIRUS
 bi Severin, Hilgardia 17:545-551, 1947.
CIRCULIFER TENELLUS & HUMIDITY
 Douglass et al., Amer. Soc. Sugar Beet Technol. P. 4:293-297, 1947.
CIRCULIFER TENELLUS & TEMPERATURE
 bi Cook, Ent. Soc. Amer. Ann. 38 149-162, 1945.
 Cook, Ecology 27:43-46, 1946.
 Douglass et al., Amer. Soc. Sugar Beet Technol. P. 4:293-297, 1947.
CIRCULIFER TENELLUS & VIRUS DISEASE OF BEANS
 Watson, Ida. B. 268:36-37, 1946.
CIRCULIFER TENELLUS & VIRUS DISEASE OF PLANTS
 Jensen, Hawaiian Ent. Soc. P. 12:544, 546, 1946.
CIRPHIS INCONSPICUA (H.-S.), see LEUCANIA INCONSPICUA H.-S.
CIRPHIS LATIUSCULA (H.-S.), see LEUCANIA LATIUSCULA H.-S.
CIRPHIS UNIPUNCTA (Haw.) (ARMY-WORM)*
 Annand, USDA EPQ R. f. 1944/45.41; f. 1945/46:12, 22, 37.
 Bird & Mitchener, Can. Ins. Pest Rev. 24:67, 1946.
 Bird et al., Can. Ins. Pest Rev. 25:15, 1947.
 i Bohart, Hilgardia 17:298-299, 1947.
 Franklin, Mass. B. 428:29, 1945, 436:30, 1946.
 Franklin, Cranberries 11(2):22, 1946.
 Rice et al., Del. B. 259:22, 1945.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.
 Thompson, Can. Ins. Pest Rev. 24:36, 1946.
 i Walton & Packard, USDA FB 1850 rev., 10 p., 1947.
 Welling, Utah St. Bd. Agr. Bien. R. 13:31, 1947?
 Zappe, Conn. B. 488:420, 1945.
CIRPHIS UNIPUNCTA - CONTROL
 Gorham, Can. Dept. Agr. Div. Ent. Processed Pub. 45:3-4, 1946; 58, 2 p., 1946.
 i Lincoln & Isely, Ark. Ext. C. 436:3-4, 7-10, 1945.
 Lyle, Miss. Farm Res. 8(4):7, 1945.
 i Muma, Neb. Ext. C. 1537:15, 1946.
CIRPHIS UNIPUNCTA - ILLINOIS
 USDA EPQ, Cargill Crop Bul. 20(10): 11, 1945.

- CIRPHIS UNIPUNCTA - INSECTICIDES**
 Bottger & Levin, USDA EPQ E-738:1, 6,14, 1947.
 Marcovitch & Stanley, Tenn. R. 58: 115-116, 1946.
- CIRPHIS UNIPUNCTA - INSECTICIDES - DDT**
 Packard, J. Ec. Ent. 39:669, 1946.
- CIRPHIS UNIPUNCTA - LIGHT REACTION**
 Sauerbrei, Sylva 3(5):50, 1947.
- CIRPHIS UNIPUNCTA - PARASITES**
 Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f.1943/44: 18-19, 1945.
 i Walton & Packard, USDA FB 1850 rev.:7-8, 1947.
 Wylie, Fla. R. f. 1945/46:189.
- CIRPHIS UNIPUNCTA - POISON BAIT**
 Packard, J. Ec. Ent. 39:669, 1946.
 Pepper, N. J. B. 718:38, 1945.
 Va. Ext. B. 97 rev.:41-42, 1947.
- CIRROSPILUS PICTUS (Nees)**
 Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:24-25, 27, 1947.
- CIS FUSCIPES Mellie**
 Frost, Psyche 54:180, 1947.
- CITHERONIA REGALIS (F.) (HICKORY HORNED DEVIL, REGAL MOTH)***
 i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2:12, 1945.
 i Phillips & Cole, Fla. B. 411 rev.:33, 1947.
- *CITRICOLA SCALE, see COCCUS PSEUDOMAGNOLIARUM (Kuw.)**
- CITRON PLANT BUG, see LEPTOGLOSSUS GONAGRA (F.)**
- *CITROPHILUS MEALYBUG, see PSEUDOCOCCUS GAHANI Green**
- CITRUS APHID, see APHIS SPIRAECOLA Patch**
- *CITRUS BLACKFLY, see ALEUROCANTHUS WOGLUMI Ashby**
- *CITRUS BUD MITE, see ACERIA SHELTONI (Ewing)**
- CITRUS INSECTS**
 Armstrong, Cal. Fruit Grow. Exch. R. f. 1944/45:19-20; f. 1945/46:19,22.
 Bainer, Cal. Citrog. 32:140,150-151, 1947.
 Creighton, J. Ec. Ent. 38:706, 1945.
 Gomez, Fitófilo 4:135-136,143-144, 1945.
 Lockwood, Cal. Dept. Agr. B. 35:199-200, 1946.
 Look, Hawaiian Ent. Soc. P. 12:473, 1946.
 Osorio, Control de Plagas 8 [i.e. 7]: 61-63, 1945.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:8.
 Steinweden, Cal. Dept. Agr. B. 34:181-182, 1945.
- CITRUS INSECTS - CONTROL**
 Boyce, Cal. Citrog. 31:184-185, 1946.
 Johnston, Cal. Citrog. 31:488, 1946.
 Parker et al., Man. for Cit. Grow. ed. 3:39-53, 1947.
 Roberts, Lower Rio Grande Val. Cit. & Veg. Inst. P. 1:70-73, 1946.
- CITRUS INSECTS - CONTROL--Continued.**
 Williams, Cit. Leaves 26(2):28, 1946.
 Yarick, Cal. Citrog. 31:444-445, 1946; 32:498-499, 1947.
 Cal. Fruit Grow. Exch. Pest Control C. 121-132, 1945; 133-144, 1946; 145-156, 1947.
- CITRUS INSECTS - CONTROL - COVER CROPS**
 Watson, Fla. Grow. 54(1):16-17, 1946.
- CITRUS INSECTS - CONTROL, BIOLOGICAL**
 b Griffith, Cit. Indus. 28(6):5,20-21, 1947.
 Norris, Cit. Indus. 28(9):3,10-11, 1947.
 Thompson, Fla. R. f. 1946/47:159-162.
- CITRUS INSECTS - CONTROL, CULTURAL**
 Harlan, Cit. Leaves 26(1):6-7, 1946.
 Watson, Fla. Grow. 55(5):12-13, 1947.
- CITRUS INSECTS - FUMIGANTS**
 i Armitage & Steinweden, Cal. Dept. Agr. B. 35:21-29, 1946.
 i Langhorst, Agr. Chem. 2(4):30-33, 69,71,73-74, 1947.
- CITRUS INSECTS - INSECTICIDES**
 Caryl & Johnston, Cal. Ext. C. 114 rev.:42-45, 1946.
 i Newcomb, Cal. Citrog. 32:210-212, 1947.
 Smoyer, Cit. Leaves 26(5):32, 1946.
 b Thompson, Fla. St. Hort. Soc. P. 59: 60-65, 1946.
 b Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:86-90, 1947.
 Watson, Fla. Grow. 53(8):14, 1945.
 Williams, Citrus Mag. 8(4):14, 1945.
 Woglum, Cal. Fruit Grow. Exch. Pest Control C. Subject Ser. 3,8 p., 1945.
 Cal. Ext., Citrus Prod. Cost Anal. Orange Co. 1945:25.
- CITRUS INSECTS - INSECTICIDES - DDT**
 Boyce, Cal. Cit. Expt. Sta. News Let. 24,2 p., 1945.
 Boyce, Cit. Leaves 25(11):10; Cal. Citrog. 31:68-69, 1945.
 Creighton, Fla. St. Hort. Soc. P. 58: 149-150, 1945.
 Kaspar, Fla. Grow. 53(9):7, 1945.
 Lewis, Cal. Citrog. 32:32-33, 1946.
 Moore, Cal. Citrog. 32:40, 1946.
 Moore, Cit. Leaves 26(11):10, 1946.
- CITRUS INSECTS & ANTS**
 Kendall, Cal. Citrog. 31:387,355-356, 1946.
- *CITRUS MEALYBUG, see PSEUDOCOCCUS CITRI (Risso)**
- *CITRUS RED MITE, see PARATETRANYCHUS CITRI (McG.)**
- CITRUS RED SCALE, see AONIDIELLA AURANTII (Mask.)**
- *CITRUS ROOT WEEVIL, see PACHNAEUS LITUS (Germ.)**
- *CITRUS RUST MITE, see PHYLOCOPTURUS OLEIVORA (Ashm.)**
- *CITRUS THRIPS, see SCIRTOTHRIPS CITRI (Moult.)**
- *CITRUS WHITEFLY, see DIALEURODES CITRI (Ashm.)**

- CLADIS NITIDULA (F.)
Bartlett, P. R. (Mayaguez) R. f. 1944:
28, 1945.
- CLASTOPTERA BRUNNEA Ball
Fautin, Ecol. Monog. 16:273, 1946.
- CLASTOPTERA OBTUSA (Say)
Flock, Ariz. St. Ent. R. f. 1944:18,
1945.
Phillips & Cole, Fla. B. 411 rev.:28,
1947.
- CLASTOPTERA SAINT-CYRI Prov.
(CRANBERRY SPITTLE INSECT)
Franklin, Mass. B. 428:29, 1945.
Franklin, Cranberries 11(2):22, 1946.
- CLASTOPTERA TRICINCTA Doer. -
PHOTOGRAPHY
i Jenks & McKay, Nat. Hist. 56:31-35,
1947.
- CLAUSENIA sp.
Cutright, Ohio B. 659:107, 1945.
i Maple, Cal. Univ. Pub. Ent. 8.73,
1947.
- CLAUSENIA PURPUREA Ishii
Hough et al., J. Ec. Ent. 38:424-425,
1945.
Sakimura, Hawaiian Ent. Soc. P. 13:
9, 1947.
- CLAVIGERUS SMITHIAE (Monell)
(BLACK WILLOW APHID)
Davis, Ind. Acad. Sci. P. 56.151, 1947?
Manson et al., Can. Ins. Pest Rev. 24
100, 1946.
- CLAVIGERUS SMITHIAE - BARRIERS -
ELECTRIC
i Bruce, J. Ec. Ent. 40:277, 1947.
- CLAY-COLORED WEEVIL, see BRACH-
YRHINUS SINGULARIS (L.)
- *CLEAR LAKE GNAT, see CHAOBORUS
ASTICTOPUS D. & S.
- *CLEAR-WINGED GRASSHOPPER, see
CAMNULA PELLUCIDA (Scudd.)
- CLEONUS CALANDROIDES (Rand.) -
GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:16, 1947.
- CLEPTES sp.
Baker & Doucette, Wash. B. 470:149,
1945.
- CLERIDAE - NORTH AMERICA
b Wolcott, Fieldiana, Zool. 32:63-105,
1947.
- CLERIDAE - WOLCOTT COLLECTION
Ent. News 57:138, 1946.
- CLICK BEETLES, see ELATERIDAE
- CLIMATE & INSECTS
Berry, J. Ec. Ent. 40:708, 1947.
Cole & Koepke, U. S. Pub. Health
Rpts. Sup. 202:16-19;34-37,52-53,
67-68, 1947.
b Keen, Pan-Pac. Ent. 22:3-5, 1946.
b McLeod & McLintock, Can. J. Res.
Sect. E 25:33-42, 1947.
Marcovitch, Assoc. South. Agr.
Workers P. 44:129, 1947. (Abs.)
Michener, Amer. Mid. Nat. 37:327-
329, 1947.
b Russell et al., Pract. Malar.:355-
366, 1946.
Smith, Kans. Bien. R. 13:62, 1946.
b Whitehead, J. Ec. Ent. 39:69-76,
1946.

- CLIMATE & INSECTS, see also HUMID-
ITY & INSECTS; TEMPERATURE
& INSECTS; WEATHER & IN-
SECTS
- CLIVINA IMPRESSIFRONS Lec.
Muma, Neb. Ext. C. 1537:5-8, 1946.
- CLOANTHANUS Ball, see SCAPHYTO-
PIUS Ball
- CLOSSIANA BELLONA (F.), - C. MY-
RINA (Cram.)
i Hardy, Victoria Nat. 2:144, 1946.
- CLOSTEROCERUS sp.
Hoffmann, J. Ec. Ent. 38:356, 1945.
- CLOSTEROCERUS UTAHENSIS Cwld.
Clancy, J. Ec. Ent. 39:328, 1946.
- CLOTHES MOTHS
i Mallis, Handb. of Pest Control:207-
235, 1945.
Manson et al., Can. Ins. Pest Rev. 24:
101, 1946.
b Michelbacher, Pests 15(6):8,10,
1947.
Smith et al., Kans. Ent. Soc. J. 19.46,
1946.
- CLOTHES MOTHS, see also TINEA
PELLIONELLA (L.); TINEOLA
BISSELLIELLA (Hum.); TRICHO-
PHAGA TAPETZELLA (L.)
- CLOTHES MOTHS - CONTROL
i Back, USDA Leaf. 145 rev., 8 p.,
1947.
Kendall, Good Housekeeping 122(4):
100, 1946.
King, Tex. Ext. B. 151:7-9, 1947.
i Kyd, Okla. Ext. C. 454:7, 1947.
i Lincoln, Ark. Ext. C. 362 rev.:12-
15, 1945.
McCaughy, Woman's Day 10(8):120,
123, 1947.
Morrison, Macdonald Col. J. 6(7):24-
25, 1946.
i Prather, Better Homes & Gard. 25
(9):110-112, 1947.
i Shepard, Pests 14(11):12,14,16, 1946
i Stiles, Okla. Ext. C. 223 rev.:3-6,
1946?
- CLOTHES MOTHS - ECOLOGY
b Linsley, Pests 14(7):10,12,14,16,18,
1946.
- CLOTHES MOTH - FUMIGANTS
Reed et al., J. Ec. Ent. 40:292, 1947.
- CLOTHES MOTHS - INSECTICIDES -
DDT
Annand, USDA EPQ R. f. 1945/46:9-
10, 1947.
Haseman et al., Mo. C. 309:5, 1946.
Shull & Rudeen, Ida. Ext. C. 93,2 p.,
1946.
Webster, Better Homes & Gard. 24
(9):149, 1946.
- CLOTHES MOTHS - REPELLENTS
Luttringhaus, Rayon Textile Month.
26:349-350, 1945.
Luttringhaus, Can. Textile J. 64(26):
46, 1947.
Mitchell, Textile World 96(11):170,
221, 1946.
- CLOTHES MOTHS - SPRAYS - DDT
Daggy et al., Minn. Ext. B. 252:10-
11, 1946.

CLOTHES MOTHS - SPRAYS - DDT--

Continued.

- Glasgow & Collins, J. Ec. Ent. 39:232-233, 1946.
 Price, Ky. Ext. C. 438:6, 1947.
 Warrick, Water & Sewage Works 93: 331, 1946.
 USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 10, 1947.
 *CLOUDED SULPHUR, see COLIAS PHILODICE PHILODICE Latr.
 CLOUDLESS SULFUR, see PHOEBIS SENNAE EUBULE (L.)
 CLOVER BUD WEEVIL, see HYPERA NIGRIROSTRIS (F.)
 *CLOVER CUTWORM, see SCOTOGRAMMA TRIFOLII (Rott.)
 CLOVER FLOWER MIDGE, see DASYNEURA LEGUMINICOLA (Lint.)
 *CLOVER HAYWORM, see HYPHOPY-GIA COSTALIS (F.)
 *CLOVER HEAD CATERPILLAR, see GRAPHOLITHA INTERSTINCTANA (Clem.)
 *CLOVER HEAD WEEVIL, see TYCHIVUS STEPHENSI Schoen.
 CLOVER INSECTS
 Annand, USDA EPQ R. f. 1944/45:30, 1946.
 Drake, Iowa Dept. Agr. YB 47:147-149, 1947.
 Schwaradt et al., J. Ec. Ent. 40:363-365, 1947.
 *CLOVER LEAF WEEVIL, see HYPERA PUNCTATA (F.)
 *CLOVER LEAFHOPPER, see ACERATAGALLIA SANGUINOLENTA (Prov.)
 *CLOVER MITE, see BRYOBIA PRAETIOSA Koch
 CLOVER NOMOPHILA, see NOMOPHILA NOCTUELLA (Denis & Schiff.)
 *CLOVER ROOT BORER, see HYLASTINUS OBSCURUS (Marsh.)
 *CLOVER ROOT CURCULIO, see SITONA HISPIDULA (F.)
 CLOVER SEED CATERPILLAR, see GRAPHOLITHA INTERSTINCTANA (Clem.)
 *CLOVER SEED CHALCID, see BRUCHOPHAGUS GIBBUS (Boh.)
 *CLOVER SEED MIDGE, see DASYNEURA LEGUMINICOLA (Lint.)
 CLOVER WHITE GRUB, see COLASPIS FLAVIDA (Say)
 CLUNIO Haliday
 bnk Stone & Wirth, Ent. Soc. Wash. P. 49:201-224, 1947.
 CLUNIO sp.
 Wirth, Hawaiian Ent. Soc. P. 13:20-21, 1947.
 *CLUSTER FLY, see POLLENIA RUDIS (F.)
 CLUSTERED ROSETTE GALL, see PHYTOPHAGA WALSHII (Felt)
 CLYTOLEPTUS ALBOFASCIATUS (Cast. & Gory) (GRAPE TRUNK BORER)*
 i Knull, Ohio Biol. Surv. B. 39:223-224, 1946.

CLYTUS MARGINICOLLIS Cast., C. RUCOLICA (Oliv.)

- i Knull, Ohio Biol. Surv. B. 39:222-223, 1946.
 CNEMARACHIS GUANICANA (Smyth)
 Martorell, P. R. Univ. J. Agr. 29:435, 1945.
 CNEMARACHIS VANDINEI (Smyth)
 i Martorell, P. R. Univ. J. Agr. 29: 427-432, 1945.
 CNEMIDOCOPTES GALLINAE (Raill.) (DEPLUMING MITE)*
 Alp & Pilchard, Ill. Ext. C. 452 rev.: 31, 1946.
 Bushnell & Twiehaus, Kans. B. 326: 89, 1945.
 Clandinin, Alberta Ext. B. 45:55, 1945.
 Coffin, Man. Vet. Clin. Path. rev.:61, 1945.
 Conn, Handy Poult. Dis. Man.:81-82, 1947.
 Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:174-175, 1947.
 Lee, Profitable Poult. Mangt. rev.: 239, 1947.
 Marsden & Martin, Turkey Mangt. ed. 4:654, 1946.
 Seiden, Poult. Handb.:107, 1947.
 Winter & Funk, Poultry rev.:394, 1946.
 Poult. Council St. Col. Wash., Wash. Ext. B. 370 (Poult. Pointers 34):9-10, 1947.
 CNEMIDOCOPTES GALLINAE - SPRAYS - DDT
 b Telford & Guthrie, Agr. Chem. 1(3): 30, 1946.
 CNEMIDOCOPTES MUTANS (Robin & Lang.) (SCALY-LEG MITE)*
 Bushnell & Twiehaus, Kans. B. 326: 87-88, 1945.
 i Clandinin, Alberta Ext. B. 45:55, 1945.
 Conn, Handy Poult. Dis. Man.:80-82, 1947.
 Gannon, Ga. Ext. B. 524 rev.:36, 1947.
 i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:175-176, 1947.
 i King, Poult. Handb. for South. Sts. ed. 2:92, 1947.
 Lee, Profitable Poult. Mangt. rev.: 238, 1947.
 Lippincott & Card, Poult. Parasites rev.:332-333, 1946.
 Marsden & Martin, Turkey Mangt. ed. 4:655, 1946.
 i Seiden, Poult. Handb.:324, 1947.
 Trask, Conn. Ext. B. 378:46, 1946.
 i Winter & Funk, Poultry rev.:394, 1946.
 i Poult. Council St. Col. Wash., Wash. Ext. B. 370 (Poult. Pointers 34):7-8, 1947.
 CNEPHASIA LONGANA (Haw.) (OMNIVOROUS LEAF TIER)*
 Gardner, Can. Min. Agr. R. f. 1944/45:54.
 Thompson, Oreg. St. Hort. Soc. R. 38: 91, 1946.
 CNEPHASIA LONGANA - DUSTS - DDT
 Thompson, Oreg. St. Hort. Soc. R. 37: 107, 1945; 39:119, 1947.

- CNEPHIA DACOTENSE (Dyar & Shan.) -
MOUTH PARTS
bi Nicholson, Ent. Soc. Amer. Ann. 38:
281-297, 1945.
- CNEPHIA PECUARUM (Riley) (SOUTH-
ERN BUFFALO GNAT)* - REPEL-
LENTS
Travis et al., J. Ec. Ent. 39:628-630,
1946.
- CNESINUS STRIGICOLLIS Lec.
Beal & Massey, Duke Univ. School
For. B. 10:71-72, 1945.
- CNIDOCAMPA FLAVESCENS (Wlkr.)
(ORIENTAL MOTH)* - PARA-
SITES
b Dowden, Ent. Soc. Amer. Ann. 39:
225-241, 1946.
- COCCIDAE
i Slesman, Pa. Acad. Sci. P. 19:43-
48, 1945.
- COCCIDAE, *see also* SCALE INSECTS
- COCCIDAE - CHROMOSOMES - POLY-
POID NUMBER
b White, Amer. Nat. 80:610-618, 1946.
- COCCIDAE - PARASITES
Headstrom, Horticulture 23:464, 1945.
- COCCIDOXENUS NILOTICUS Comp. -
EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:73-76,
1947.
- COCCINELLA NOVENNOTATA Hbst.
Jaynes & Marucci, J. Ec. Ent. 40:13,
1947.
- COCCINELLA NOVENNOTATA DEGEN-
ER Casey
Pletsch, Mont. B. 446:79, 1947.
- COCCINELLA TRANSVERSOGUTTATA
Fald. (TRANSVERSE LADYBEE-
TLE)
Bird & Mitchener, Can. Ins. Pest Rev.
24:73, 1946.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:58, 1945.
Peterson, Can. Ins. Pest Rev. 24:108,
1945.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
Pletsch, Mont. B. 446:79, 1947.
- COCCINELLIDAE
Abbott, Frontiers 10:76-78, 1946.
Headstrom, Horticulture 23:463-464,
1945.
i Hess, Nat. Hist. 54:406-410, 1945
Hill, Neb. Res. B. 138:3,9,12-13, 1945
Palmer, Green Thumb 2(3):16-17, 1945.
Underhill & Bodensteln, Va. TB 97:12,
1946.
- COCCOPHAGUS CAPENSIS Comp.
Kendall, Cal. Citrog. 31:355, 1946.
- COCCOPHAGUS FALLAX Comp.
Plank & Bartlett, P. R. (Mayaguez) R.
f. 1945:39, 1946.
- COCCOPHAGUS FRATERNUS How., *see*
COCCOPHAGUS FUSCIPES How.
- COCCOPHAGUS FUSCIPES How.
Baerg, Ark. B. 470:13, 1947.
- COCCOPHAGUS GOSSYPARIAE Gahan
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:15, 1947.
- COCCOPHAGUS GURNEYI Comp.
DeBach & Fleschner, Cal. Agr. 1(13):
3, 1947.
DeBach & Fleschner, Cal. Citrog. 33:
23, 1947.
DeBach & Fleschner, Cit. Leaves 27
(11):9, 1947.
Ebeling, Cal. Ext. C. 43 rev.:51, 1947.
Parker et al., Man. for Cit. Grow. ed.
3:52, 1947.
Ryan, Los Angeles Co. Agr. Comnr.
R. f. 1944/45:11.
Smith, Cal. Citrog. 31:414, 1946.
Steinweden, Cal. Dept. Agr. B. 34:181,
1945.
- COCCOPHAGUS HETEROPNEUSTICUS
Comp.
Plank & Bartlett, P. R. (Mayaguez) R.
f. 1945:39, 1946.
- COCCOPHAGUS LECANII Fitch, *see*
COCCOPHAGUS LYCIMNIA (Wlkr.)
- COCCOPHAGUS LYCIMNIA (Wlkr.)
Baerg, Ark. B. 470:13-14, 1947.
Lewis, Cal. Citrog. 32:33, 1946.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:553, 1946.
- COCCOPHAGUS OCHRACEUS How.
Flanders, Cal. Citrog. 30:268, 1945.
- COCCOPHAGUS RUSTI Comp., C. TRI-
FASCIATUS Comp.
Kendall, Cal. Citrog. 31:355, 1946.
- COCCOTRYPES DACTYLIPERDA (F.)
(DATE STONE BEETLE)
Keifer, Cal. Dept. Agr. B. 33:253,
1945.
- COCCUS sp.
Morrill & Otanes, J. Ec. Ent. 40:599,
1947.
- COCCUS ACUMINATUS (Sign.) (ACUMI-
NATE SCALE) (MANGO SHIELD
SCALE)
Martorell, P. R. Univ. J. Agr. 29:397-
398, 1945.
Steinweden, Cal. Dept. Agr. B. 34:176,
1945.
- COCCUS HESPERIDUM L. (SOFT
SCALE)* (SOFT BROWN SCALE)
Ebeling, Cal. Ext. C. 43 rev.:51, 1947.
English, Amer. Camellia YB 1:35,
1946.
Flanders, J. Ec. Ent. 38:711-712,
1945.
Flanders, Cit. Leaves 26(1):14, 1946.
Martorell, P. R. Univ. J. Agr. 29:398,
1945.
Morrison, Cal. Dept. Agr. B. 35:135,
1946.
Parker et al., Man. for Cit. Grow. ed.
3:51, 1947.
Steinweden, Orchid Digest 9:265-266,
1945.
- COCCUS HESPERIDUM - SPRAYS - DDT
Cory, J. Ec. Ent. 38:395, 1945.
Cory, Amer. Orchid Soc. B. 13:376,
1945; 16:146-147, 1947.
- COCCUS MANGIFERAE (Green)
Martorell, P. R. Univ. J. Agr. 29:398-
399, 1945.

- COCCUS PSEUDOHESPERIDIUM (Ckll.)**
(SOFT BLACK ORCHID SCALE)
Steinweden, Orchid Digest 9:264-266, 1945.
Swezey, Hawaiian Ent. Soc. P. 12:377, 1945.
- COCCUS PSEUDOHESPERIDIUM - SPRAYS - DDT**
Cory, Amer. Orchid. Soc. B. 13:376, 1945; 16:146-147, 1947.
Cory, J. Ec. Ent. 38:395, 1945.
- COCCUS PSEUDOMAGNOLIARUM (Kuw.) (CITRICOLA SCALE)* - INSECTICIDES**
Caryl & Johnston, Cal. Ext. C. 114 rev.:43, 1946.
Parker et al., Man. for Cit. Grow. ed. 3: 45, 1947.
- COCCUS PSEUDOMAGNOLIARUM - INSECTICIDES - DDT**
Boyce & Ewart, Cal. Citrog. 31:240-241, 1946.
Boyce & Ewart, Cal. Cit. Expt. Sta. News Let. 25,3 p., 1946.
Boyce & Ewart, Cit. Leaves 26(3):7, 1946.
Lewis, Cal. Citrog. 32:32-33, 1946.
Moore, Cal. Citrog. 32:40, 1946.
Moore, Cit. Leaves 26(11):10, 1946.
Persing, Cal. Citrog. 31:113, 1946.
Trullinger et al., USDA OES R. f. 1945/46:109-110, 1947.
- COCCUS PSEUDOMAGNOLIARUM - RESISTANCE TO FUMIGANTS**
Quayle, Cal. Citrog. 30:98, 1945.
- COCCUS PSEUDOMAGNOLIARUM - SPRAYS**
Ewart, Cal. Cit. Expt. Sta. News Let. 28:1-2, 1946.
Roark, USDA EPQ E-721:8, 1947.
- COCCUS PSEUDOMAGNOLIARUM - SPRAYS - DDT**
Ewart, Cit. Leaves 26(7):26-27, 1946.
Ewart & DeBach, Cal. Cit. Expt. Sta. News Let. 30,4 p.; Cit. Leaves 27(3):8,35, 1947.
- COCCUS VIRIDIS (Green) (GREEN SCALE)***
Martorell, P. R. Univ. J. Agr. 29:399-400, 1945.
- COCCYGOMIMUS AEQUALIS (Prov.)**
Jaynes & Marucci, J. Ec. Ent. 40:11, 1947.
- COCCYGOMIMUS INFLATUS (Townes)**
Boyce, Quebec Soc. Protect. Plants R. 30:97, 1947.
- COCCYGOMIMUS PEDALIS (Cress.)**
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:12, 1947.
Wilkes & Anderson, Ent. Soc. Ont. R. 77:41, 1947.
- COCCYGOMIMUS PUNICIPES (Cress.)**
Blanchi, Hawaiian Ent. Soc. P. 12:469-470, 1946.
Van Zwaluwenburg, Hawaiian Planters' Rec. 50:12,16, 1946.
Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45: 17-18, 1946.
- COCCYGOMIMUS TURIONELLAE (L.)**
Graham, In Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:69,71,73-74, 1947.
- COCCYGOMIMUS TURIONELLAE - FEEDING ON HOST PUPA**
Graham, Wilkes & Anderson, Ent. Soc. Ont. R. 77:44-45, 1947.
- *COCHINEAL INSECT, see DACTYLOPIUS COCCUS Costa**
- COCHLIOMYIA Towns., see CALLITROGA Brauer**
- COCHLIOMYIA AMERICANA Cush. & Pat., see CALLITROGA AMERICANA (Cush. & Pat.)**
- COCHLIOMYIA MACELLARIA (F.), see CALLITROGA MACELLARIA (F.)**
- COCKLEBUR BILLBUG, see RHODABAENUS TREDECIM PUNCTATA (Ill.)**
- *COCKLEBUR WEEVIL, see RHODABAENUS TREDECIMPUNCTATUS (Ill.)**
- COCKROACHES**
Davis, Ind. Acad. Sci. P. 56:153, 1947
Deschappelles, Cuba Min. de Agr. Rev. ser. 4,28(3):25,32, 1945.
i Fullaway & Krauss, Common Insects of Hawaii:32-35, 1945.
Haas, Can. Baker 60(11/12):54, 1947.
Holmes, Bakers' Helper 86(1072):54-55, 1946.
i Mallis, Handb. of Pest Control:63-86, 1945.
i Rehn, Sci. Month. 61:265-276, 1945.
Strickland et al., Can. Ins. Pest Rev. 119-120, 1947.
bi Sweetman et al., Soap & Sanit. Chem. 21(3):104-105,131, 1945.
Ward, B. C. Dept. Agr. R. 40:V79, 1946; 41:W108, 1947.
- COCKROACHES - ANTI-ROACH FLOORS**
Johnson, Sci. Amer. 174:260, 1946.
- COCKROACHES - BIONOMICS**
Gould & Deay, Pest Control & Sanit. 1(9):12-13,15, 1946.
- COCKROACHES - CONTROL**
Burton, U. S. Navy BUMED News Let. 7(4):13-15, 1946.
Fisher, Bakers Helper 86(1071):55, 1946.
i Lincoln, Ark. Ext. C. 362 rev.:9-10, 1945.
Pederson, Internatl. Assoc. Ice Cream Mfrs. R. P. 42 Prod. & Lab. Council 2:10-11, 1946.
i Shepard, Pests 14(11):18, 1946.
i Stiles, Okla. Ext. C. 223 rev.:14-16, 1946?
- COCKROACHES - CONTROL - MILITARY ZONES**
i U. S. War Dept. TM 5-632 (PB-2435):80-83, 1945.
- COCKROACHES - DAIRY INDUSTRY**
Fisher, Creamery J. 57(5):35, 1946.
Gerlach, Milk Dealer 36(10):156-157, 160, 1947.

COCKROACHES - DAIRY INDUSTRY--
Continued.

- Henderson, Milk Plant Month. 36(3): 56, 1947.
McDaniel, J. Milk Technol. 8:340-341, 1945.
Reed, Milk Dealer 34(6):109-110, 1945.
Reed South. Dairy Prod. J. 37(3):74-75, 1945.
Smith, South. Dairy Prod. J. 41(1):88, 1947.
Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19:28-29, 1946.
COCKROACHES - DUSTS
McGovran & Piquett, Soap & Sanit. Chem. 22(8):157,159,181, 1946.
COCKROACHES - DUSTS - DDT
Mote, Oreg. C. Inform. 389:4, 1946.
Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38.6, 1946.
COCKROACHES - DUSTS - IDEAL SUBSTANCE
Donohoe, Pests 15(5):22,24, 1947.
COCKROACHES - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47.18.
Chamlin, Pests 15(5):18, 1947.
Gould, Soap & Sanit. Chem. 21:114, 1945.
Gould, Ind. R. 59:62-63, 1946.
Harnden, Pests 15(3):16,18, 1947.
Hazard, Soap & Sanit. Chem. 21(6):126-127, 1945.
i Kyd, Okla. Ext. C. 454:1, 1947.
Watson, Fla. PB 619:1, 1946.
Hyman, Julius & Co., Tech. Sup. 204, 4 p., 1947.
COCKROACHES - INSECTICIDES - DDT
Baillie, Can. J. Pub. Health 37:216, 1946.
b Bennighof, Bios 18:189-195, 1947.
Bishopp, Amer. J. Pub. Health 36:604; Pests 14(8):24, 1946.
Daggy et al., Minn. Ext. B. 252.9, 1946.
Davis, J. Ec. Ent. 39:60, 1946.
DeAtley, Pests 15(1):34, 1947.
Haseman et al., Mo. C. 309:5, 1946.
Henderson, Soap & Sanit. Chem. 22(11):121-123,143, 1946.
Henderson, USDA EPQ E-701,8 p., 1946.
Henderson, Ice Cream Field 49(1):34, 1947.
Henderson, Ice Cream Rev. 30(10):78, 1947.
i Kelsheimer, Fla. PB 631,4 p., 1947.
Price, Ky. Ext. C. 438:3-4, 1947.
Randolph, Tex. Acad. Sci. P. & Trans. 29:53, 1946.
Reed et al., J. Ec. Ent. 40:291, 1947.
i Sandholzer & Lemon, Food Indus. 18:860-863,998,1000,1002, 1946.
Taggart, Cornell Vet. 36:163, 1946.
i Taggart & Osmun, Pub. Works 77(11):30, 1947.
Tissot, Cit. Indus. 28(1):16, 1947.
Warrick, Water & Sewage Works 93:330, 1946.
Webster, Better Homes & Gard. 24(9):149, 1946.
U. S. Army Med. Dept. Bul. 89:16-17, 1945.

COCKROACHES - INSECTICIDES - DDT
--Continued.

- USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 9, 1947.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:49, 1946.
U. S. War Dept. TB Med. 194(PB-2436):12,18, 1945.
COCKROACHES - LEGENDS
Weiss, N. Y. Ent. Soc. J. 54:166, 1946.
COCKROACHES - NERVOUS SYSTEM
b Richards & Cutkomp, J. Cell. & Compar. Physiol. 26(1):58-61, 1945.
COCKROACHES - NERVOUS SYSTEM - EFFECT OF DDT
Munson, Ent. Soc. Wash. P. 48:76, 1946. (Abs.)
Roeder & Weiant, Sci. News Let. 49:217, 1946.
Tobias et al., Anat. Rec. 94:375-376, 1946. (Abs.)
COCKROACHES - NERVOUS SYSTEM - EFFECT OF INSECTICIDES
bi Richards & Cutkomp, N. Y. Ent. Soc. J. 53:313-355, 1945.
COCKROACHES - NERVOUS SYSTEM - ELECTROPHYSIOLOGICAL STUDIES
b Bullock, Physiol. Rev. 27:644-645, 652,657-658, 1947.
COCKROACHES - REARING
Gould & Deay, Pest Control & Sanit. 1(9):12-13, 1946.
Patton, N. Y. (G.) Farm Res. 13(2):3, 1947.
COCKROACHES - REPELLENTS
J. Ec. Ent. 38:290, 1945.
COCKROACHES - RESISTANCE TO INSECTICIDES
Yeager & Munson, Ent. Soc. Amer. Ann. 38:559-600, 1945; 39:145-151, 1946.
COCKROACHES - SPRAYS
b Campbell et al., Soap & Sanit. Chem. 22(7):145,147,148E,148G, 1946.
Dove, Pest Control & Sanit. 2(10):16, 1947.
Pohlman, Natl. Provisioner 116(8):31, 1947.
COCKROACHES - SPRAYS - DDT
Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):13-14, 1946.
Dove, USDA EPQ E-673:13, 1945.
Glasgow & Collins, J. Ec. Ent. 39:232, 1946.
Stage, J. Ec. Ent. 40:761, 1947.
COCKROACHES & DISEASE - AMEBIASIS
Schneider & Shields, Med. Bul. (Std. Oil Co.) 7(2):119-121, 1947.
COCKROACHES vs. ROACHES
Meiners, Bklyn. Ent. Soc. B. 40.56, 1945.
COCOA INSECTS, see CACAO INSECTS
***COCONUT MEALYBUG, see PSEUDOCoccus NIPAE (Mask.)**
***COCONUT SCALE, see ASPIDIOTUS DESTRUCTOR Sign.**

- COCYTIUS ANTAEUS ANTAEUS (Drury)
Martorell, P. R. Univ. J. Agr. 29:495-496, 1945.
- *CODLING MOTH, see CARPOCAPSA
POMONELLA (L.)
- COELINIDEA MEROMYZAE (Forbes)
Rockwood et al., USDA TB 928:15, 1947.
- COELIOXYS DUBITATA Smith
Peck & Bolton, Sci. Agr. 26:410, 1946.
- COELIOXYS LUCROSA Cress.
Peck & Bolton, Sci. Agr. 26:410-411, 1946.
- COELIOXYS MOESTA Cress.
Peck & Bolton, Sci. Agr. 26:410-411, 1946.
- COELOIDES PISSODIS (Ashm.)
Fronk, Va. TB 108:10, 1947.
- COELOPA FRIGIDA (F.) - ATTRACT-
ANTS
Weiss, N. Y. Ent. Soc. J. 55:114, 1947.
- COELOPISTHIA NEMATICA (Pack.),
see TRITNEPTIS KLUGII (Ratz.)
- COELOSTERNUS SULCATULUS Boh.
Caribbean Res. Council, Com. Agr.,
Nutr., Fisheries & For. Crop Inq.
Ser.No. 4:74, 1947
- COENONYCHA Horn
Ebeling, Cal. Ext. C. 43 rev.:49, 1947.
- COENONYCHA PASCUENSIS Potts
n Potts, Pan-Pac. Ent. 21:141-143, 1945.
- COENUS DELIUS (Say) - EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39.
676-677, 1946.
- *COFFEE BEAN WEEVIL, see ARAEC-
RUS FASCICULATUS (Deg.)
- COFFEE INSECTS
Sherwin Williams Co., Control de
Plagas 8:127,142-143,167-169, 1946.
- COFFEE INSECTS - RESISTANT COF-
FEE TREES
Roque, P. R. (Rfo Piedras) R. f.
1943/44:31, 1946.
- COLASPIS BRUNNEA (F.) see COLASPIS
FLAVIDA (Say)
- COLASPIS FLAVIDA (Say) (GRAPE CO-
LASPIS)* (CLOVER WHITE GRUB)
Davis, Ind. Acad. Sci. P. 56:149,1947?
Neiswander, Ohio St. Hort. Soc. P. 78.
153-154, 1945.
Underhill & Bodenstein, Va. TB 97:12,
1946.
- COLE INSECTS, see CRUCIFER INSECTS
- COLECERUS MARMORATUS Horn -
GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:16, 1947.
- COLEOMEGILLA CUBENSIS (Casey)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:551, 1946.
- COLEOPHORA (ERICOIDES-DUPLICIS
GROUP)
i McDunnough, Can. Ent. 78:147-153,
1946.
- COLEOPHORA sp.
Watson & MacKay, Can. Dept. Agr. Div.
Ent. For. Ins. Surv. R. f. 1945:32,
1946.
- COLEOPHORA ATLANTICA Heinr.
(CHERRY PISTOL CASEBEARER)
Lininger et al., Pa. B. 480:40, 1946.
- COLEOPHORA CARYAEFOLIELLA
Clem. (PECAN CIGAR CASE-
BEARER)*
i Phillips & Cole, Fla. B. 411:26-28,
1945; rev.:25,27, 1947.
- COLEOPHORA CERVINELLA 59, C. DU-
BIELLA 56
ni McDunnough, Can. Ent. 78: 1946.
- COLEOPHORA FLETCHERELLA Fern.,
see COLEOPHORA OCCIDENTIS
Zell.
- COLEOPHORA LARICELLA (Hbn.)
(LARCH CASEBEARER)*
Balch & Reeks, N. B. Dept. Lands &
Mincs R. 108:110, 1945.
Bradley, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945 38, 1946.
Bradley, Can. Ins. Pest Rev. 24 62,
1946.
Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946
45, 1947.
Bradley et al., Can. Ins. Pest Rev.
25:67, 1947.
Cannon, Can. Ins. Pest Rev. 24 12,
1946.
i Daviault, For. Quêbecoise 10 358-
359, 1945, Québec Min. Terres et
For. Bur. d'Ent. C. 1,2 p., 1945?
- Daviault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:22, 1947.
Daviault & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945
21-22, 1946.
- Foss, N. Y. St. Conserv. Dept. R. 36
78, 1946.
- DeGryse, For. Ent. in Can.:5, 1947.
Harrison, N. S. Dept. Lands & For.
R. f. 1944:40-41, 1945, f. 1945.38,
1946.
- Hawboldt, N. S. Dept. Lands & For.
R. f. 1945/46:38,44, 1947.
- Lambert, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:18, 1945.
- Patterson & Neary, Can. Ins. Pest
Rev. 24:17, 1946.
- Reeks, Can. Ins. Pest Rev. 24:27,
1946.
- Reeks et al., Can. Dept. Agr. Div.
Ent. For. Ins. Surv. R. f. 1944:7,
1945; f. 1945:9, 1946; f. 1946:10,
1947.
- Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
30, 1946.
- Watson & Raizenne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
35, 1947.
- COLEOPHORA LARICELLA - PARA-
SITES
Daviault, Quebec Min. Lands & For.
R. f. 1945/46:114, 1947.
- Gardiner, Can. Min. Agr. R. f.
1945/46:80; f. 1946/47:97.
- Graham, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:23-27, 1947.
- COLEOPHORA LIMOSIPENELLA (Dup.)
(ELM CASEBEARER)*
Sheppard, Can. Ins. Pest Rev. 25:63,
1947.

- COLEOPHORA MALIVORELLA Riley
(PISTOL CASEBEARER)*
Atwood, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:34, 1945.
Chandler, Ill. St. Hort. Soc. Trans. 79:
125, 1946.
Lininger et al., Pa. B. 475:29, 1945.
Va. Ext. B. 131 rev.:13, 1947.
- COLEOPHORA MALIVORELLA - PARA-
SITES
b Beacher, Ent. Soc. Amer. Ann. 40:
530-544, 1947.
- COLEOPHORA OCCIDENTIS Zell. (CI-
GAR CASEBEARER)*
Gauthier, Can. Ins. Pest Rev. 24:30,
1946.
Maxwell, Can. Ins. Pest Rev. 24:23,
1946.
Ross, Can. Ins. Pest Rev. 24:46, 1946.
Thompson, Can. Ins. Pest Rev. 24:41,
1946.
- COLEOPHORA PRUNIELLA Clem.
(CHERRY CASEBEARER)*
Hammer & Sherman, Mich. Quart. B.
29:205-207, 1947.
- COLEOPHORA ROSAEVORELLA McD.
ni McDunnough, Can. Ent. 78:62-63,
1946.
- COLEOPHORA SACRAMENTA Heinr.
(CALIFORNIA CASEBEARER)
Smith, Cal. Ext. C. 46 rev. 43, 1947.
- COLEOPHORA SALICIVORELLA McD.
ni McDunnough, Can. Ent. 77:49-50,
1945.
- COLEOPHORA SALMANI Heinr. (BIRCH
CASEBEARER)*
Balch & Reeks, N. B. Dept. Lands &
Mines R. 109:125, 1946.
Reeks, Can. Ins. Pest Rev. 24:27, 1946.
Reeks & Forbes, Can. Ins. Pest Rev.
25:62, 1947.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:13-14,
1946, f. 1946:14, 1947.
- COLEOPHORA SEMINELLA McD.
ni McDunnough, Can. Ent. 78:56-58,
1946.
- COLEOPHORIDAE
ni McDunnough, Can. Ent. 77:49-52,
1945; 145-150, 1945, 78:54-63, 1946
- COLEOPHORIDAE (CARYFOLIELLA
GROUP)
nik McDunnough, Can. Ent. 78:1-14,
1946.
- COLEOPTERA
k Arnett, Systema Nat. Zool. Ins. Pt.
1 (Pub. 3/4) rev., 31 p.; Pt. 2 (Pub.
2) rev., 7 p.; Pt. 3 (Pub. 5):33-43;
Pt. 6 [i.e. 4] (Pub. 6):44-50; Pt. 5
(Pub. 7):51-56; Pt. 6 (Pub. 8):57-60,
1947.
Frost, Psyche 53:21, 1946.
i Fullaway & Krauss, Common Insects
of Hawaii:71-97, 1945.
Hicks, Can. Ent. 77:214, 1945; 79:117-
119; 148-149, 1947.
Leech, Can. Ent. 79:105-108, 1947.
Murrill, Guide to Fla. Anim.:81-82,
1945.
Robert, Assoc. Can.-Franç. Avanc.
Sci. Ann. 11:99, 1945. (Abs.)
- COLEOPTERA - ALABAMA
Loding, Ala. Geol. Surv. Monog. 11:
172 p., 1945.
- COLEOPTERA - ATTRACTANTS - WET
PAINT
Dethlefsen, Pan-Pac. Ent. 23:36, 1947.
- COLEOPTERA - COLLECTION & PRES-
ERVATION
Cartwright, Coleopterists' Bul. 1:30,
1947.
Dietrich, Coleopterists' Bul. 1:17-18,
53, 1947.
- COLEOPTERA - COLLECTION & PRES-
ERVATION - CELLOPHANE
Cartwright, Coleopterists' Bul. 1:86,
1947.
- COLEOPTERA - GENITALIA - PRES-
ERVATION
i Arnett, Coleopterists' Bul. 1:63-66,
1947.
Chamberlain, Bklyn. Ent. Soc. B. 42.
126-130, 1947.
- COLEOPTERA - GENITALIA, INTERNAL
bi Williams, Ent. Soc. Wash. P. 47.
73-91, 1945.
- COLEOPTERA - GENOTYPES, FABRI-
CIAN
b Blackwelder, Bklyn. Ent. Soc. B.
42:51-57, 1949.
- COLEOPTERA - INSECTICIDES
McIndoo, USDA EPQ E-713.35-61,
1947.
Roark, USDA EPQ E-656:9-15, 1945.
- COLEOPTERA - INSECTICIDES - DDT
Roark & McIndoo, USDA EPQ E-687:
41-48, 1946; E-728:77-100, 1947.
- COLEOPTERA - LITERATURE - PO-
ETRY
b Twinn, Pests 14(7):26,28,30,32-33,
1946.
- COLEOPTERA - MAINE
Frost, Psyche 52:177, 1945.
- COLEOPTERA - MEXICO
Blackwelder, USNM B 185, Pt. 3, p.
343-550, 1945, Pt. 4, p. 551-763,
1946, Pt. 5, p. 765-925, 1947.
- COLEOPTERA - NEW YORK
b Malkin, N. Y. Ent. Soc. J. 53:91-116,
1945.
- COLEOPTERA - NOMENCLATURE
Chapin, Biol. Soc. Wash. P. 59:79-80,
1946.
- COLEOPTERA - NORTH AMERICA
ni Knull, Ohio J. Sci. 47:69-73, 1947.
n Van Dyke, Pan-Pac. Ent. 21:101-
109, 1945, 22:81-89, 1946; 23:155-
161, 1947.
- COLEOPTERA - PREDATORS
Moul, Ent. News 56:58, 1945.
- COLEOPTERA - STRATIFICATION IN
FORESTS
Dowdy, Ecology 28:429-431, 1947.
- COLEOPTERA - TAXONOMY
bi Bradley, Coleopterists' Bul. 1:75-
84, 1947.
- COLEOPTERA - THERAPEUTIC USE
b Weiss, N. Y. Ent. Soc. J. 55:160-
162, 1947.
- COLEOPTERA - UTAH
Knowlton & Wood, Utah Acad. Sci. Arts
& Let. P. 23:91-96, 1947.

- COLEOPTERA - WASHINGTON
Hatch, Pan-Pac. Ent. 22:77-80, 1946.
- COLEOPTERA - WINGS
i Forbes, Coleopterists' Bul. 1:71-73, 1947.
King, Va. Acad. Sci. P. 25:77, 1947.
(Abs.)
- COLEOPTERA & CASTOR BEAN PLANTS
b McIndoo, USDA EPQ E-666:4-5, 1945
- COLEOPTERA, FUNGUS-FEEDING - HORSE BLANKET
Kingscote & Hill, Can. J. Compar. Med 10:168, 1946.
- COLEOTICHUS BLACKBURNIAE White
Weber, Hawaiian Ent. Soc. P. 13:28, 1947.
- COLIAS (CHRYSTHEME GROUP) - VARIATIONS
bi Hovanitz, Ent. Soc. Amer. Ann. 38: 482-502, 1945.
- COLIAS PHILODICE EURYTHEME Bdl.
(ALFALFA CATERPILLAR)*
Burgess, Ariz. R. 57:45, 1947.
Flanders, Rocky Mountain Conf. Ent. R. 18:10, 1947.
Jardine et al., USDA OES R. f. 1944: 47, 1945.
i Lincoln & Miner, Ark. Ext. C. 437: 13-14, 1945.
Manson et al., Can. Ins. Pest Rev. 25: 15-16, 1947.
Steinweden, Cal. Dept. Agr. B. 34:180-181, 1945.
Underhill & Bodenstein, Va. TB 97:10, 1946.
- COLIAS PHILODICE EURYTHEME - VARIATIONS
bi Gerould, Ent. Soc. Amer. Ann. 39: 383-396, 1946.
Hovanitz, Genetics 31:218, 1946. (Abs.)
i Potts, South. Cal. Acad. Sci. B. 44: 49-50, 1945.
- COLIAS PHILODICE PHILODICE Latr. (CLOUDED SULFUR)* - VARIATIONS
bi Gerould, Ent. Soc. Amer. Ann. 39: 383-396, 1946.
i Knight, Iowa Conserv. 4:139, 1945.
- COLLADONUS GEMINATUS (Van D.) - FEEDING - EFFECT ON PLANTS
Severin, Hilgardia 17:221, 1947.
- COLLADONUS GEMINATUS - LONGEVITY
Severin, Hilgardia 17:124, 1946.
- COLLADONUS GEMINATUS & CALIFORNIA ASTER YELLOWS
Severin, Hilgardia 17:221, 1947.
Severin & Frazier, Hilgardia 16:575, 585; 622-644, 1945.
- COLLADONUS KIRKALDYI (Ball) - LONGEVITY
Severin, Hilgardia 17:124, 1946.
- COLLADONUS MONTANUS (Van D.) - FEEDING - EFFECT ON PLANTS
i Severin, Hilgardia 17:221, 225, 1947.
- COLLADONUS MONTANUS - LONGEVITY
Severin, Hilgardia 17:124, 1946.
- COLLADONUS MONTANUS & CALIFORNIA ASTER YELLOWS
bi Frazier & Severin, Hilgardia 16: 622-644, 1945.
- COLLADONUS MONTANUS & CALIFORNIA ASTER YELLOWS--Continued.
i Severin, Hilgardia 17:221, 1947.
Severin & Frazier, Hilgardia 16:575, 585, 1945; 17:221, 1947.
- COLLEMBOLA
i Curran, Nat. Hist. 56:476, 1947.
i Mallis, Handb. of Pest Control:61-62, 1945.
- COLLEMBOLA - ANTARCTIC
Glance, Amer. Phil. Soc. P. 89(1): 295, 1945.
- COLLEMBOLA - INSECTICIDES
Johnson & Ogden, Wis. B. 467:25-26, 1945.
Roark, USDA EPQ E-656:2, 1945.
Roark & McIndoo, USDA EPQ 687:27, 1946.
- COLLEMBOLA - NORTH CAROLINA
ni Wray, Bklyn. Ent. Soc. B. 41:79-85, 1946.
- COLLIDIA OLITORIA (Say)
Frost, N. Y. Ent. Soc. J. 53:224, 1945.
- COLLOS BIPUNCTATUS (Say), C. MARGINELLUS Lec.
Clancy, J. Ec. Ent. 39:326-327, 1946.
- COLLOS QUADRIMACULATUS (F.)
Jaynes & Marucci, J. Ec. Ent. 40:16, 1947.
- COLOBOPSIS, sgen. of CAMPONOTUS, q. v.
- COLOBURA DIRCE (L.)
Martorell, P. R. Univ. J. Agr. 29:486-487, 1945.
- COLOR - EFFECT ON INSECTS
bi Gjullin, J. Ec. Ent. 40:326-327, 1947.
Hansens, N. J. Agr. 29(4):3-4, 1947.
i Harsham, Food Indus. 18:851,984, 1946.
b Herms, Hilgardia 17:359-375, 1947.
Jahn & Wulff, Anat. Rec. 96:507, 1946. (Abs.)
bi Milne & Milne, Ent. Amer. 24:22-86, 1945.
Weiss, Sci. Month. 61:51-56, 1945.
- COLOR - EFFECT ON INSECTS - SPEC-TRUM
b Weiss, N. Y. Ent. Soc. J. 54:17-30, 1946.
- COLOR OF INSECTS
Brett, Okla. TB 26:31-32, 1947.
Grant, J. Ent. & Zool. 38:55, 1946.
bi Hovanitz, Ent. Soc. Amer. Ann. 38: 482-502, 1945.
Hovanitz, Mich. Univ. Lab. Vertebrate Biol. Contrib. 32:2-6,8-17,20, 1947.
McDunnough, Can. Ent. 77:145-150,1945.
McGuffin, Can. Ent. 79:113-116, 1947.
Moul, Ent. News 58:4-5, 1947.
Townes, Amer. Mid. Nat. 34:6-7, 1945.
- COLOR OF INSECTS - ALBINISM
bi Gerould, Ent. Soc. Amer. Ann. 39: 383-396, 1946.
- COLOR OF INSECTS - EGGS
bi Tirelli, J. Hered. 37:377-383, 1946.
- COLOR OF INSECTS - EYES
b Beadle, Chem. Rev. 37:33-35, 1945.
bi Tirelli, J. Hered. 37:377-383, 1946.
- COLOR OF INSECTS - GENETICS
Nabours, Kans. Bien. R. 13:57-58, 1946.
n Nabours, Kans. Ent. Soc. J. 20:127-128,130, 1947.

- COLOR OF INSECTS - GENETICS--Continued.
Shull, Genetics 30:22, 1945. (Abs.)
i Shull, J. Hered. 36:149-160, 1945.
bi Tan, Genetics 31:195-210, 1946.
- COLOR OF INSECTS - MELANISM
Anderson, J. Ec. Ent. 40:696-697, 1947.
- COLOR OF INSECTS - SPECIFIC CHARACTER
i Burgess, Natl. Malar. Soc. J. 5:189-191, 1946.
- COLOR OF INSECTS, PROTECTIVE
i Tellison, Ent. Soc. Amer. Ann. 38. 412-413, 1945.
- COLORADO CORN ROOTWORM, see DIABROTICA VIRGIFERA Lec.
- *COLORADO POTATO BEETLE, see LEPTINOTARSA DECEMLINEATA (Say)
- COLORADO TICK FEVER, see DERMA-CENTOR ANDERSONI & COLORADO TICK FEVER
- COLORADO RUFOMACULATA (Wilson), see RHOPALOSIPHUM RUFOMACULATUM (Wilson)
- *COLUMBIAN TIMBER BEETLE, see CORTHYLUS COLUMBIANUS Hopk.
- COLUMBICOLA COLUMBAE (L.) (SLENDER PIGEON LOUSE)* (FEATHER LOUSE)
i Levi, Making Pigeons Pay 220-222, 1946.
Yager & Gleiser, Amer. Vet. Med. Assoc. J. 109:206-207, 1946.
- *COLUMBINE BORER, see PAPAPEMA PURPURIFASCIA (Grote & Rob.)
- *COLUMBINE LEAF MINER, see PHY-TOMYZA MINUSCULA Gour.
- *COMMON CATTLE GRUB, see HYPO-DERMA LINEATUM (De Vill.)
- COMMON DRY-WOOD TERMITE, see KALOTERMES MINOR Hagen
- *COMMON MALARIA MOSQUITO, see ANOPHELES QUADRIMACULATUS Say
- COMMON PILLBUG, see ARMADILLIDIUM VULGARE (Latr.)
- COMMON STRIPED SCORPION, see CENTRUROIDES VITTATUS (Say)
- COMPERIA FALSICORNIS (Gomes)
Zimmerman, Hawaiian Ent. Soc. P. 12: 464-465, 1946.
- COMPERIELLA BIFASCIATA How.
Flanders, J. Ec. Ent. 38:711-712, 1945.
Flanders, Cit. Leaves 26(1):14, 1946.
Parker et al., Man. for Cit. Grow. ed. 3:53, 1947.
Smith, Cal. Citrog. 31:415, 1946.
- COMPERIELLA BIFASCIATA - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:74, 77, 1947.
- COMPERIELLA UNIFASCIATA Ishii - EGGS & LARVAE
Maple, Cal. Univ. Pub. Ent. 8:76, 1947.
- COMPOSIA FIDELISSIMA VAGRANS (Bates) - FOOD & HOST PLANTS
Watson, Fla. Ent. 28:29, 1945.
- COMPSILURA CONCINNATA (Meig.)
Balch & Reeks, N. B. Dept. Lands & Mines R. 110:65, 1947.
- COMPSILURA CONCINNATA--Continued.
Friend, Conn. Acad. Arts & Sci. Trans 36:620-621, 1945.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:14, 1946; f. 1946.10, 1947.
- COMPTON TORTOISE-SHELL, see NYPHALIS J-ALBUM (Bdvl. & Lec.)
- *COMSTOCK MEALYBUG, see PSEUDO-COCCUS COMSTOCKI (Kuw.)
- CONCHASPIS ANGRAECI Ckll.
Swezey, Hawaiian Ent. Soc. P. 12:374, 1945.
- *CONCHUELA, see CHLOROCHROA LI-GATA (Say)
- CONCHYLODES DIPHTERALIA (Hbn.)
i Martorell, P. R. Univ. J. Agr. 29: 516-519, 1945.
- CONE-NOSED BUGS, see TRIATOMA
- *CONFUSED FLOUR BEETLE, see TRIBOLIUM CONFUSUM Duv.
- CONGO FLOOR MAGGOT, see AUCH-MEROMYIA LUTEOLA (F.)
- CONGO ROACH, see LEUCOPHAEA MADERAE (F.)
- CONIOSCINELLA sp.
Wirth, Hawaiian Ent. Soc. P. 13:21, 1947.
- CONIFER INSECTS
Breakey, Wash. B. 470:123-124, 1945.
i Daviault, For. Québécoise 10:275-276, 1945.
- CONIFER INSECTS, see also CHRIST-MAS TREE INSECTS; EVER-GREEN INSECTS; FIR INSECTS; HEMLOCK INSECTS, PINE INSECTS
- CONISTRA WALKERI Grote, see EU-PSILIA WALKERI (Grote)
- CONOCEPHALUS Thunb. - SONIFICATION - ULTRASONIC
Pielemeier, Acoust. Soc. Amer. J. 17: 337-338, 1946.
- CONOCEPHALUS FASCIATUS (Deg.)
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.
- CONOCEPHALUS FASCIATUS - SONIFICATION
Pielemeier, Sci. Month. 62:450-452, 1946.
- CONODERUS AMPLICOLLIS (Gyll.)
i Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba: 532-534, 537, 1946.
- CONODERUS AURITUS (Hbst.)
b Kulash, J. Ec. Ent. 40:851-854, 1947.
- CONODERUS AURITUS - LARVAE
i Jewett, Ky. B. 48:18, 1946.
- CONODERUS BELLUS (Say)
Cooper, Ky. R. 57:26-27, 1945.
i Jewett, Ky. B. 47:8 p., 1945.
b Kulash, J. Ec. Ent. 40:851-854, 1947.
- CONODERUS BELLUS - LARVAE
i Jewett, Ky. B. 48:20, 1946.
- CONODERUS BIFOVEATUS (Beauv.)
i Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:532-533, 1946.

- CONODERUS LAURENTII (Guér.)
Van Dyke, Pan-Pacific Ent. 21(1):10, 1945.
- CONODERUS LIVIDUS (Deg.)
Cooper, Ky. R. 58:41, 1946; 59:35-36, 1947.
Jaynes & Marucci, J. Ec. Ent. 40:15-17, 22, 1947.
- CONODERUS LIVIDUS - LARVAE
i Jewett, Ky. B. 489:19-20, 1946.
- CONOPIA OPALESCENS (Hy. Edw.), see SANNINOIDEA EXITIOSA GRAEFI (Hy. Edw.)
- CONODERUS VESPERTINUS (F.) (TO-BACCO WIREWORM)*
Bryson, Kans. Bien. R. 13:65, 1946.
Slate, Conn. R. f. 1945/46:41.
- CONODERUS VESPERTINUS - LARVAE
Jewett, Ky. B. 489:18-19, 1946.
- CONOPIA ACERNI (Clem.), see SYLVORA ACERNI (Clem.)
- CONOPIA BIBIONIPENNIS (Bdvl.), see RAMOSIA BIBIONIPENNIS (Bdvl.)
- CONOPIA RHODODENDRI (Beut.), see RAMOSIA RHODODENDRI (Beut.)
- CONOPIA SCITULA (Harr.), see THAMNOSPHECIA SCITULA (Harr.)
- CONOPIA TIPULIFORMIS (Clerck), see RAMOSIA TIPULIFORMIS (Clerck)
- CONORHINOPSYLLA NIDICOLA Jell.
ni Jellison, Kans. Ent. Soc. J. 18:109-111, 1945.
- CONOTRACHELUS Dej.
nik Buchanan, Ent. Soc. Wash. P. 49. 41-54, 1947.
- CONOTRACHELUS AFFINIS Boh. - PARASITES
Bissell, Ent. Soc. Amer. Ann. 38:418, 439, 1945.
- CONOTRACHELUS ANAGLYPTICUS (Say) - PARASITES
Bissell, Ent. Soc. Amer. Ann. 38:418, 439, 1945.
- *CONOTRACHELUS CRATAEGI Walsh (QUINCE CURCULIO)*
Garman, Conn. B. 501:79-81, 1946.
Mills & Dewey, N. Y. (C.) Ext. B. 711: 46,48,52-53,75-78, 1947.
Slate, Conn. R. f. 1944/45:20.
- CONOTRACHELUS ERINACEUS Lec.
Frost, N. Y. Ent. Soc. J. 53:221, 1945.
- CONOTRACHELUS JUGLANDIS Lec. (BUTTERNUT CURCULIO)
Graham, North. Nut Grow. Assoc. R. 36:101-102, 1946.
- CONOTRACHELUS NENUPHAR (Hbst.) (PLUM CURCULIO)* (PEACH CURCULIO)
Armstrong, Ky. Fruit Notes 3(2):6-7, 1946.
Baker et al., USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944: 7-8, 1945.
Beckwith, N. J. Dept. Agr. C. 356:44, 1945.
Chandler, Ill. St. Hort. Soc. Trans. 78: 345-348, 1945; 79:129-131, 1946; 80: 139,266-270, 1947.
Cooper, Ky. R. 57:31, 1945; 58:47, 1946.
Dewey, N. Y. St. Hort. Soc. P. 90:37-38, 1945; 92:54; 58,59-61, 1947.
- CONOTRACHELUS NENUPHAR--Continued.
Gauthier, Can. Ins. Pest Rev. 24:30, 1946.
Graham et al., Md. Ext. B. 105:8,22-23, 1945.
bi Marcovitch & Stanley, Tenn. B. 195 3-13, 1945.
Marshall, Ind. R. 60:72, 1947.
Maxwell, Can. Ins. Pest Rev. 24:22, 1946.
i Mills & Dewey, N. Y. (C.) Ext. B. 711:10-12,30,40-41,48,55-57,63-64, 68-69,71,73,75, 1947.
Peterson, Can. Ins. Pest Rev. 24:110, 1946.
Ragland & Overcash, Miss. Farm Res. 10(12):6, 1947.
Rasmussen et al., N. H. Ext. C. 280 6, 1947.
Ritcher, Ky. Fruit Notes 3(3):1-2, 1946.
Ross, Can. Ins. Pest Rev. 24:45, 1946.
Ross et al., Can. Ins. Pest Rev. 25 82-83, 1947.
Sanders, La. Ext. C. 259:17-18, 1946.
Talbert, Mo. B. 509:27,33-35, 1947.
USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945-7, 1946.
- CONOTRACHELUS NENUPHAR - CONTROL
Ferguson et al., La. Ext. B. 7:17-18, 1947. (Repr.)
Flinger, Kans. C. 235:17,25,27-28, 33, 1946.
Firor, Ga. Ext. B. 518 rev.:10-11, 1946.
Hilborn et al., Maine Ext. B. 358:3-5, 1947.
Lininger et al., Pa. B. 475:28-29, 1945.
i Snapp, Amer. Fruit Grow. 67(2):7, 16, 1946.
Snapp, Ill. St. Hort. Soc. Trans. 79: 382-387, 1946.
Snapp, Hoosier Hort. 29:25-29, 1947.
Snapp, Ind. Hort. Soc. Trans. 86:100-104, 1947.
i Snapp, Tenn. St. Hort. Soc. P. 41: 27-31, 1947.
i Talbert, Gen. Hort.:181-183,187, 1946.
Woodside, Va. Fruit 34(3):18-19, S. Dak. Hort. Soc. R. 43:59-60, 1946.
Va. Ext. B. 131 rev.:21-22, 1947.
- CONOTRACHELUS NENUPHAR - CONTROL - COLLECTING PEACH DROPS
i Snapp & Jones, USDA EPQ E-638, 2 p., 1945.
- CONOTRACHELUS NENUPHAR - CONTROL, CULTURAL
Lininger et al., Pa. B. 480:39, 1946.
Steiner, Pa. St. Hort. Assoc. P. 87: 33-34, 1946.
- CONOTRACHELUS NENUPHAR - FUMIGANTS
Chandler, J. Ec. Ent. 39:666-667, 1946.
Snapp, J. Ec. Ent. 38:417-418; Amer. Assoc. Ent. Cotton Sts. Branch P. 19:97, 1945. (Abs.)

CONOTRACHELUS NENUPHAR - INSECTICIDES

- Annand, USDA EPQ R. f. 1943/44:3, f. 1945/46:11,15; f. 1946/47:11.
Bobb, Va. R. f. 1945/46:36.
Dorman, Miss. R. 59:27, 1947?
i Lathrop et al., Maine Ext. B. 353:8, 1947.
Lecrone, Okla. Ext. C. 108 rev.:19, 1946.
Powell & Chandler, Ill. St. Hort. Soc. Trans. 79:373,377-378, 1946.
Slate, Conn. R. f. 1944/45:20.
Snapp, J. Ec. Ent. 40:382-385, 1947.
Steiner, Pa. St. Hort. Assoc. P. 87:90, 1946.
Trullinger et al., USDA OES R. f. 1945/46:109, 1947.

CONOTRACHELUS NENUPHAR - INSECTICIDES - DDT

- Hutson, Mich. St. Hort. Soc. R. 75:58-59, 1946.

CONOTRACHELUS NENUPHAR - JARRING

- Chandler, J. Ec. Ent. 39:666-667, 1946.
Snapp, Hoosier Hort. 29:28-29, 1947.
i Snapp, Tenn. St. Hort. Soc. P. 41:30, 1947.

CONOTRACHELUS NENUPHAR - LOSSES CAUSED BY

- Hodson, Minn. Hort. 73:102-103, 1945.

CONOTRACHELUS NENUPHAR - PARASITES

- Bissell, Ent. Soc. Amer. Ann. 38:418, 439, 1945.

CONOTRACHELUS NENUPHAR - POPULATIONS

- Neiswander, Ohio B. 673:61-62, 1947.

CONOTRACHELUS NENUPHAR - QUARANTINE

- Messenger, Cal. Dept. Agr. B. 34:204-205, 1945; 35:219, 1946.

CONOTRACHELUS NENUPHAR - SPRAYS

- Baker & Porter, USDA EPQ E-837:6, 1945.
Baver, N. C. R. 69:80-81, 1946.
Bobb, Va. Fruit 35(1):47-53, 1947.
Bobb & Grayson, Va. R. f. 1946/47:30.
Campbell, R. I. R. 59:25, 1947.
Clark & Hoveland, Wis. B. 472:23, 1947.
Dean, N. Y. St. Hort. Soc. P. 92:180, 1947.
Driggers, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:63, 1947.
Driggers, N. J. St. Hort. Soc. Hort. News 28:1917,1925, 1947.
Garman, J. Ec. Ent. 38:342, 1945.
Garman, Conn. B. 512:70-75, 1946.
Garman, Conn. Pom. Soc. R. 56:23-27, 1947.
Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23, [18], 1946.
i Graham et al., Md. Ext. B. 112:8,30-31, 1946.
McCauley, Rocky Mountain Conf. Ent. R. 18:8, 1947.
Marcovitch & Stanley, Tenn. R. 59:92, 1947.

CONOTRACHELUS NENUPHAR - SPRAYS--Continued.

- Parker & Beacher, Del. B. 264:23, 1947.
Pepper, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [17], 1946.
Porter, Amer. Fruit Grow. 67(8):43, 45, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev.:45-46, 1945, rev.:48-49, 1946.
Schoene, Amer. Pom. Soc. P. 60:148-151, 1945?
Schoene, Va. Fruit 33(1):165-169, 1945.
Sherwood, Mountaineer Grow. 17(163): 6, 1947.
Smith, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [20], 1946.
Snapp & Hollon, Assoc. South. Agr. Workers P. 44:131, 1947. (Abs.)
Stearns, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [21], 1946.
Stearns et al., J. Ec. Ent. 40:80-81, 1947.
Steiner, Pa. B. 475:29, 1945.
Stuckey, Ga. R. 59:104-107, 1947.
Tisdale, Fla. Grow. 56 [i.e. 55](4):25, -28, 1947.
Whitcomb, Mass. B. 428:39, 1945, B. 436:40, 1946; 441:38, 1947.
Williams, Conn. Ext. B. 377:25, 1946.
Wingo, Mo. St. Hort. Soc. Hort. News 7(11):1, 1947.
- CONOTRACHELUS NENUPHAR - SPRAYS - DDT
- Bourne & Whitcomb, Mass. B. 428:35, 1945.
Dean, N. Y. St. Hort. Soc. P. 91:206, 1946.
Steiner, Va. Fruit 34:146, 1946.
Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:22-23,117, 1945.
- CONOTRACHELUS NENUPHAR - SURVIVAL FACTORS
- Steiner, J. Ec. Ent. 38:116-117, 1945.
- CONOTRACHELUS NENUPHAR & PEACH DEFORMITIES
- i Woodside, Va. B. 389:12-15, 1946.
- CONOTRACHELUS NENUPHAR & TEMPERATURE
- Garman, Conn. B. 488:339-341, 1945.
- CONOTRACHELUS NENUPHAR & WEATHER
- Steiner, J. Ec. Ent. 38:116-117, 1945.
- CONOTRACHELUS PECANAE Buch. (HICKORY SHOOT CURCULIO)
- Annand, USDA EPQ R. f. 1946/47:11.
ni Buchanan, Ent. Soc. Wash. P. 49: 50-54, 1947.
- CONOTRACHELUS TIBIALIS Schoof - PARASITES
- Bissell, Ent. Soc. Amer. Ann. 38:418, 439, 1945.
- CONTARINIA sp. - GYNANDROMORPH
- Jensen, Hawaiian Ent. Soc. P. 12:465, 1946.
- CONTARINIA CANADENSIS Felt (ASH MIDRIB GALL)
- Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:57, 1945.

- CORYDALUS CORNUTUS - LARVAE
Wright, Ent. News 57:156-157, 1946.
- CORYPHAESCHNA INGENS (Rambur) - PREY
Brues, Ent. Soc. Wash. P. 49:167, 1947.
- CORYTHAICA Stal
ik Hurd, Iowa St. Col. J. Sci. 20:79-99, 1945.
- CORYTHAICA CYATHICOLLIS (Costa)
i Martorell, P. R. Univ. J. Agr. 29: 416, 1945.
- CORYTHUCHA Stal
Hammond, Can. Ins. Pest Rev. 25:45, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:72, 1947.
- CORYTHUCA sp.
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:34, 1945.
- CORYTHUCHA AESCULI Osb. & Drake (BUCKEYE LACE BUG)
i Rice, Amer. Midl. Nat. 35:166, 1946.
- CORYTHUCHA ARCUATA (Say) (OAK LACE BUG)
Bromley, Horticulture 24:425, 1946.
bi Connell & Beacher, Del. B. 265, 28 p., 1947.
- CORYTHUCHA CILIATA (Say) (SYCAMORE LACE BUG)*
i Boyd, N. J. Dept. Agr. C. 355:74-75, 1945.
- CORYTHUCHA CYDONIAE (Fitch) (HAWTHORN LACE BUG)* (PYRACANTHUS LACE BUG)
Eddy, R. I. Dept. Agr. & Conserv. R. 10:55, 1945.
Lyle, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:72-73, 1945. (Abs.)
Walton, J. Ec. Ent. 40:391-393, 1945, 1947.
Watts, S. C. R. 59:162-163, 1947.
- CORYTHUCHA CYDONIAE - BITE
Sailer, Kans. Ent. Soc. J. 18:81-82, 1945.
- CORYTHUCHA GOSSYPHII (F.) (COTTON LACE BUG)*
Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:12, 1946.
i Martorell, P. R. Univ. J. Agr. 29: 415-417, 1945.
Osorio, Control de Plagas 8:122-123, 1946.
Wolfenbarger, Fla. R. f. 1946/47:247.
Caribbean Res. Council, Com. Agr. Nutr., Fisheries & For. Crop Inq. Ser. 4:73, 1947.
- CORYTHUCHA ULMI Osb. & Drake (ELM LACE BUG)*
Zappe, Conn. B. 501:114, 1946.
- COSCINOPTERA VITTIGERA Lec.
Peterson, Can. Ins. Pest Rev. 24:110, 1946.
- COSMOLAE LAPUS GURABENSIS Fox
ni Fox, J. Parasit. 32:449, 1946.
- COSMOPEPLA BIMACULATA (Thos.)
Peterson, Can. Ins. Pest Rev. 24:107, 1946.
- COSMOPEPLA BIMACULATA - EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39: 684-685, 1946.
- COSMOPOLITES SORDIDUS (Germ.) (BANANA ROOT BORER)*
Lyle, J. Ec. Ent. 40:2, 1947.
- COSSULA MAGNIFICA (Stkr.) (PECAN CARPENTERWORM)*
Musser et al., S. C. Ext. C. 301:31-32, 1947.
- COTALPA CONSOBRINA Horn (MAYATE)
Parker, Ariz. St. Ent. R. f. 1946/47: 27.
i Vorhies & Wehrle, Ariz. B. 203:24, 1946.
- COTALPA LANIGERA (L.) (GOLD-SMITH BEETLE)
Grayson, Va. TB 109:5-6, 11, 1947.
Stirrett, Can. Ins. Pest Rev. 25:6, 1947.
- COTALPA LANIGERA - LARVAE, 3d STAGE
bi Ritcher, Ky. B. 471:6-8, 1945.
- COTINIS sp.
Carr, Desert Parade:65, 1947.
- COTINIS NITIDA (L.) (GREEN JUNE BEETLE)*
Condit, Fig:183-184, 1947.
Cooper, Ky. R. 57:22-23, 1945.
i Garner, Prod. of Tob.:294-295, 1946.
Price, Ky. Ext. C. 437:8, 1947.
- COTINIS NITIDA - INSECTICIDES
bi Allen & Pollard, J. Ec. Ent. 40. 655-660, 1947.
Annand, USDA EPQ R. f. 1943/44:14; f. 1946/47:7.
Conner & Kulash, N. C. Ext. C. 299 5, 1947.
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:8-9; Burley & Dark Fire-Cured Tob.:6, 1947.
- COTINIS TEXANA Casey (FIG BEETLE)
Burgess, Ariz. R. 56:47, 1946.
Condit, Fig:183-184, 1947.
Keifer, Cal. Dept. Agr. B. 34:190, 1945.
i Vorhies & Wehrle, Ariz. B. 203:22-24, 1946.
- *COTTON APHID, see APHIS GOSSYPHII Glov.
- COTTON CUTWORM, see PRODENIA ORNITHOGALLI Guen.
- *COTTON FLEAHOPPER, see PSALLUS SERIATUS (Reut.)
- COTTON INSECTS
Annand, USDA EPQ R. f. 1943/44:15-19, 1945; f. 1944/45:15-17, 33-34; f. 1945/46:6-7; f. 1946/47:12-15, 36.
Bondy & Rainwater, S. C. R. 57:99-104, 1945; 58:101-105, 1946; 59: 109-113, 1947.
bi Brett et al., Okla. TB-24, 31 p., 1946.
Lewis, Tex. R. 59:44-45, 1947.
Lyle, Miss. Inform. Sheet 342, 2 p., 1945.
Lyle, Miss. Farm Res. 8(5):7-8, 1945; 10(5):1-2; (7):8, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:103, 1947.
Steinweden, Cal. Dept. Agr. B. 34:183, 1945.

- COTTON INSECTS - ARIZONA
b Clancy, J. Ec. Ent. 39:326-328, 1946.
- COTTON INSECTS - CONTROL
Clapp, Amer. Assoc. Ec. Ent. Cotton
Sts. Branch P. 19:14-16, 1945.
Jones, S. C. Dept. Agr. YB f. 1945/46.
65-67, f. 1946/47:67-69.
King, Ga. Coastal Plain B. 43:13-14,
1946; 44:42, 1947.
i King, Tex. Ext. B. 154,25 p., 1947.
Mitchell et al., Southeast. Cotton Ins.
Control Conf. R. P. 1:50-60, 1947.
i Stiles, Okla. Ext. C. 430,13 p., 1946.
Taggart, La. Ins. Pest Control Serv.
Leaf. 26 rev., 2 p., 1946.
Westbrook, Ga. Ext. B. 523.38-47,
1945.
Westbrook, Southeast. Cotton Ins. Con-
trol Conf. R. P. 1:39-40, 1947. (Abs.)
Natl. Cotton Council Amer. et al.,
Southeast. Cotton Ins. Control Conf.
R. P. 1,60 p., 1947.
Tex. Ext. C. 182 rev., 4 p., 1947.
USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R., 16 p., 1947.
- COTTON INSECTS - CONTROL - AGRI-
CULTURAL EXTENSION SERVICES
Jones, Southeast. Cotton Ins. Control
Conf. R. P. 1:35-37, 1947. (Abs.)
Ruffin, Southeast. Cotton Ins. Control
Conf. R. P. 1:55-56, 1947. (Abs.)
Schaub, Southeast. Cotton Ins. Control
Conf. R. P. 1:33-34, 1947. (Abs.)
- COTTON INSECTS - CONTROL - BUG
CATCHERS
USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R.:13, 1947.
- COTTON INSECTS - CONTROL - CHEMI-
CAL DEFOLIATION
Annand, USDA EPQ R. f. 1943/44:16,
1945; f. 1944/45:8, 1946.
Dunlavy et al., Okla. B. B-302:8-9,
1946.
- COTTON INSECTS - CONTROL - COT-
TON INDUSTRY
Welch, Southeast. Cotton Ins. Control
Conf. R. P. 1:59-60, 1947.
Wingate, Southeast. Cotton Ins. Control
Conf. R. P. 1:40-43, 1947. (Abs.)
- COTTON INSECTS - CONTROL - MOP-
PING
Annand, USDA EPQ R. f. 1943/44:16;
f. 1944/45:22.
Jones, S. C. Dept. Agr. YB f. 1944/45:
65; f. 1945/46:67.
- COTTON INSECTS - CONTROL - RE-
SEARCH
Bishopp, Southeast. Cotton Ins. Con-
trol Conf. R. P. 1:52-54, 1947.
- COTTON INSECTS - CONTROL - U. S.
BUREAU OF ENTOMOLOGY &
PLANT QUARANTINE
Annand, Southeast. Cotton Ins. Control
Conf. R. P. 1:4-9, 1947.
- COTTON INSECTS - CONTROL - VOCA-
TIONAL AGRICULTURE
Culver, Southeast. Cotton Ins. Control
Conf. R. P. 1:57, 1947.
Thomas, Southeast. Cotton Ins. Con-
trol Conf. R. P. 1:37-39, 1947.
- COTTON INSECTS - COTTON SEEDS &
FOOD SUPPLY
Jackson, Southeast. Cotton Ins. Con-
trol Conf. R. P. 1:48-49, 1947.
(Abs.)
- COTTON INSECTS - DUSTS
Arant, Southeast. Cotton Ins. Control
Conf. R. P. 1:23-25, 1947.
Dutsch, Amer. Assoc. Ec. Ent. Cotton
Sts. Branch P. 19:81-83, 1945.
Hammer, Miss. Farm Res. 8(5):2,
1945.
Ivy & Ewing, Assoc. South. Agr.
Workers P. 44:127-128, 1947. (Abs.)
King, Southeast. Cotton Ins. Control
Conf. R. P. 1:26-28, 1947.
Kulash, Southeast. Cotton Ins. Control
Conf. R. P. 1:19, 1947.
Lyle, Miss. Inform. Sheet 389, 2 p.,
1947.
Smith, Cal. C. 365:30-33, 1946.
Starnes, Agr. Flying; Ground School
Curriculum Offered in Conjunction
with Crop Dusting Training. 4-7,
1947.
Stiles & Fenton, Okla. C. 126, 4 p.,
1947.
Trullinger et al., USDA OES R. f.
1945/46:111, 1947.
- COTTON INSECTS - DUSTS - EFFECT
ON YIELD
Beckel et al., J. Ec. Ent. 40:512, 1947.
b Gaines, J. Ec. Ent. 40:434-436, 1947.
b Gaines et al., J. Ec. Ent. 40:601-
603, 1947.
- COTTON INSECTS - DUSTS - TESTS
Ewing et al., Assoc. South. Agr.
Workers P. 44:124-125, 1947.
(Abs.)
b Ewing et al., J. Ec. Ent. 40:374-381,
1947.
Ivy & Ewing, J. Ec. Ent. 39:38-41,
1946; 40:568-569, 1947.
Ivy et al., Assoc. South. Agr. Workers
P. 44:127, 1947.
bi Ivy et al., J. Ec. Ent. 40:513-517,
1947.
b Stevenson, J. Ec. Ent. 38:531-533,
1945; 39:81, 1946.
- COTTON INSECTS - GEORGIA
Stuckey, Southeast. Cotton Ins. Con-
trol Conf. R. P. 1:25-26, 1947.
- COTTON INSECTS - INSECTICIDES
Anderson, USDA R. Sec. f. 1946:145;
f. 1947:138-139.
Beckel et al., La. R. f. 1945/46:52,
1947.
b Fletcher et al., J. Ec. Ent. 40:594-
596, 1947.
Gaines et al., Assoc. South. Agr.
Workers P. 44:125-126, 1947.
(Abs.)
Harned, USDA YB f. 1943/47:655-658.
Hitchner, Southeast. Cotton Ins. Con-
trol Conf. R. P. 1:44-45, 58, 1947.
Ivy, Ent. Soc. Wash. P. 49:176, 1947.
(Abs.)
i McDowell, Tex. R. 58:67-69, 1946.
USDA Ext. Serv. & EPQ, Who Gets
This Cotton Dollar? [folder] 6 p.,
1946.

COTTON INSECTS - INSECTICIDES -

DDT
Creighton, Fla. St. Hort. Soc. P. 58:
151, 1945.

Creighton, Cit. Indus. 27(1):6, 1946.
Loftin, USDA EPQ E-657, 6 p., 1945.
Smith, in Cal. Agr. Expt. Sta., Invest.
with DDT in Cal. 1944:7-8, 1945.

COTTON INSECTS - LOSSES CAUSED BY

Annand, USDA EPQ R. f. 1943/44:15-
17.

Annand, Southeast. Cotton Ins. Control
Conf. R. P. 1:7, 1947.

Bondy, Southeast. Cotton Ins. Control
Conf. R. P. 1:10, 13, 1947.

Isely, Ark. B. 462:6-7, 26, 1946.

Moore, Cotton & Cotton Oil Press 48
(3):18, 1947.

Wingate, Southeast. Cotton Ins. Control
Conf. R. P. 1:41-42, 1947.

(Abs.)
Natl. Cottonseed Prod. Assoc. Educ.
Serv. Cotton Leaf. 1, 4 p.; 5, 4 p.,
1947?

COTTON INSECTS - MEXICO

Gomez, Fitófilo 4:137-141, 1945.

COTTON INSECTS - OUTLOOK

Hall, Cargill Crop Bul. 21(11):11, 1946.
Harned, Southeast. Cotton Ins. Control
Conf. R. P. 1:28-31, 1947.

Tex. Prog. R. 947, 2 p., 1945.
USDA EPQ, Cotton & Cotton Oil Press
46(17):12-13, 17; (18):14-15, 18, 1945;
47(17):14, 18, 1946.

COTTON INSECTS - SOUTH CAROLINA

Cooper, Southeast. Cotton Ins. Control
Conf. R. P. 1:18-19, 1947.

Watkins, Southeast. Cotton Ins. Control
Conf. R. P. 1:34-35, 1947. (Abs.)

COTTON INSECTS - SURVEYS

Johnston, Cotton Res. Cong. P. 9:92,
1947.

*COTTON LACE BUG, *see* CORYTHUCHA

GOSSYPH (F.)

*COTTON LEAF PERFORATOR, *see*

BUCCULATRIX THURBERIELLA
Busck

*COTTON LEAFWORM, *see* ALABAMA

ARGILLACEA (Hbn.)

*COTTON SQUARE BORER, *see* STRY-

MON MELINUS (Hbn.)

COTTONSEED INSECTS - COTTON SEEDS

*COTTONWOOD LEAF BEETLE, *see*

CHRYSOMELA SCRIPTA F.

COTTONWOOD LEAF MINER, *see* PARA-

LEUCOPTERA ALBELLA (Chamb.)

*COTTONY-CUSHION SCALE, *see*

ICERYA PURCHASI Mask.

*COTTONY MAPLE SCALE, *see* PULVI-

NARIA VITIS (L.)

COVER CROP INSECTS - EFFECT ON

CITRUS
Watson, Fla. Grow. 55(5):12-13, 1947.

*COWPEA APHID, *see* APHIS MEDICA-

GINIS Koch

*COWPEA CURCULIO, *see* CHALCODER-

MUS AENEUS Boh.

COWPEA INSECTS

Morse, USDA FB 1148 rev.:16-18,
1947.

*COWPEA WEEVIL, *see* CALLOSOBRU-

CHUS MACULATUS (F.)

*CRAB-HOLE MOSQUITO, *see* DEINO-

CERITES CANCER Theob.

*CRAB LOUSE, *see* PHTHIRUS PUBIS

(L.)

CRABRO NOVOCALEDONICUS Williams,

see WILLIAMISITA NOVOCALE-
DONICA (Williams)

CRABRONINI

n Pate, Not. Nat. 171, 14 p., 1946; 185,
14 p.; 190, 6 p., 1947.

CRAMBUS F.

Ahlgren, N. J. B. 724:24-25, 1946.
Bohart, Pest Control & Sanit. 1(3):22,
1946.

Campbell, R. I. R. 58:34, 1946.

i Decker, Goldfom 20(3):21-22, 1946.

Gorham, Can. Dept. Agr. Div. Ent.

Processed Pub. 45:2, 1946.

Jennings, R. I. Misc. Pub. 26:18-19,
1945.

Jernstedt et al., Oreg. Seed Grow.

League P. Ann. Mtg. 4:69, 1945.

i Muma, Neb. Ext. C. 1537:17-18,
1946.

CRAMBUS - PARASITES & PREDATORS

bi Bohart, Hilgardia 17:290-294, 1947.

CRAMBUS (CALIGINOSELLUS-LUTEO-

LELLUS GROUP)

Stirrett, Can. Ins. Pest Rev. 25:15, 42,
1947.

CRAMBUS sp.

Wressell, Can. Ins. Pest Rev. 24:55,
1946.

CRAMBUS BONIFATELLUS (Hulst)

(FAWN-COLORED LAWN MOTH)

bi Bohart, Hilgardia 17:268-277, 279-
295, 305-306, 1947.

CRAMBUS CALIGINOSELLUS Clem.

(CORN ROOT WEBWORM)* (TO-

BACCO WEBWORM)

Rice et al., Del. B. 259:23, 1945.

Stearns, Del. B. 263:27, 194

CRAMBUS CALIGINOSELLUS - POISON

BAIT

Conner & Kulash, N. C. Ext. C. 299:
7-8, 1947.

Garner, Prod. of Tob.:280-281, 1946.

Nettles et al., S. C. Ext. B. 109:32-
33, 1947.

Price, Ky. Ext. C. 437:8, 1947.

Tob. Ins. Conf. Recom. Com. Recom.

Control Tob. Ins. f. 1948, Flue-

Cured Tob.:9; Burley & Dark Fire-

Cured Tob.:7, 1947.

CRAMBUS HORTUELLUS, of auth., not

(Hbn.), *see* CRAMBUS TOPIARIUS

Zell.

CRAMBUS LAQUEATELLUS Clem.

Johnson, Conn. B. 488:420, 1945.

CRAMBUS MUTABILIS Clem.

Johnson, Conn. B. 488:420, 1945.

CRAMBUS SPERRYELLUS Klotz (SIL-

VER-BARRED LAWN MOTH)

bi Bohart, Hilgardia 17:269-279, 281-
295, 305-306, 1947.

CRAMBUS TETERELLUS (Zinck.)

(BLUEGRASS WEBWORM)*

Eddy, R. I. Dept. Agr. & Conserv. R.

10:58, 1945.

- CRAMBUS TOPIARIUS Zell. (CRANBERRY GIRDLER)*
Doehlert, Amer. Cranb. Grow. Assoc. Ann. Mtg. P. 75:22-23, 1945.
Franklin, Mass. B. 436:30, 1946.
- CRAMBUS TRISECTUS (Wlkr.)
Johnson, Conn. B. 488:420, 1945.
- CRANBERRY FIREWORM, see RHOPOBOTA NAEVANA (Hbn.)
- CRANBERRY FALSE BLOSSOM, see under genera MACROSTELIS; SCLERORACUS; and INSECTS & PLANT DISEASE - CRANBERRY FALSE BLOSSOM; LEAFHOPPERS & PLANT DISEASE - CRANBERRY FALSE BLOSSOM
- *CRANBERRY FRUITWORM, see MINEOLA VACCINII (Riley)
- *CRANBERRY GIRDLER, see CRAMBUS TOPIARIUS Zell.
- CRANBERRY INSECTS
Chambers, Wis. Dept. Agr. B. 274:80, 1946.
Crowley, Wash. B. 470:92-93, 1945.
Crowley, Cranberries 10(9):21, (10):23, 1946.
Crowley et al., Wash. Ext. C. 73 rev.:1,3, 1947.
Franklin, Cranberries 11(2):22,24, 1946.
Franklin, Mass. B. 428:28-30, 1945, 436:29-30, 1946, 441:28-29, 1947.
- *CRANBERRY ROOTWORM, see RHABDOPTERUS PICIPES (Oliv.)
- CRANBERRY SPITTLE INSECT, see CLASTOPTERA SAINT-CYRI Prov.
- *CRANBERRY WEEVIL, see ANTHONOMUS MUSCULUS Say
- CRANEFLIES, see TIPULIDAE.
- *CRAPEMYRTLE APHID, see MYZOCALLIS KAHAWALOUKALANI Kirk
- CRASSANA DeLong & Hershberger
ni DeLong & Hershberger, Pan-Pac. Ent. 23:76-78, 1947.
- *CRAZY ANT, see PARATRECHINA LONGICORNIS (Latr.)
- CREMASTOCHEILINI - NORTH AMERICA & MEXICO
k Potts, Bklyn. Ent. Soc. B. 40:72-78, 1945.
- CREMASTUS COOKII Weed
Peterson, Ohio J. Sci. 46:323-326, 1946.
- CREMASTUS EPAGOGES Cushman.
Satterthwait & Swain, J. Ec. Ent. 39:580, 1946.
- CREMASTUS FLAVO-ORBITALIS (Cam.), see ZALEPTOPYGUS FLAVO-ORBITALIS (Cam.)
- CREMASTUS FORBESI Weed
Peterson, Ohio J. Sci. 46:323-326, 1946.
- CREMASTUS INTERRUPTOR Grav.
Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:68-70,73-74, 1947.
- CREMASTUS MINOR Cushman.
Boyce, Ent. Soc. Ont. R. 77:21-22,24-25,27,29,33, 1947.
Boyce, Quebec Soc. Protect. Plants R. 30:97, 1947.
- CREMATOGASTER Lund (ACROBATANTS)
Dean et al., Kans. Ent. Soc. J. 18:91, 1945.
Friend, Tex. Farm. & Cit. 22(5):12, 1945.
- CREMATOGASTER (ACROCOELIA) Mayr
nik Enzmann, N. Y. Ent. Soc. J. 54:89-97, 1946.
- CREMATOGASTER LAEVIUSCULA CLARA Mayr
Rau, Ent. News 56:121, 1945.
Roberts, Lower Rio Grande Val. Cit. & Veg. Inst. P. 1:71-72, 1946.
Smith et al., Kans. Ent. Soc. J. 19:44, 1946.
- CREMATOGASTER LINEOLATA (Say)
Haskins, Can. Nature 8:142, 1946.
Smith et al., Kans. Ent. Soc. J. 19:42-44, 1946.
- CREMATOGASTER LINEOLATA var. near CERASI (Fitch)
Jaynes & Marucci, J. Ec. Ent. 40:19, 21, 1947.
- CREMNOPS ATRICORNIS (Smith)
Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):3.
Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1946, No. 3):3, 1946.
- *CRESCENT-MARKED LILY APHID, see MYZUS CIRCUMFLEXUS (Buck.)
- CRICKETS
Arnason et al., Can. Ins. Pest Rev. 25:3, 1947.
i Fullaway & Krauss, Common Insects of Hawaii:38-39, 1945.
i Mallis, Handb. of Pest Control:87-92, 1945.
Rivers, Pa. Angler 16(8):23, 1947.
Stiles, Okla. Ext. C. 223 rev.:13, 1946?
- CRICKETS - HOUSEHOLD PESTS
USDA EPQ E-331 rev.:2-3, 1945.
- CRICKETS - REARING
i Prather, Ala. Conserv. 17(10):5,14, 1946.
i Swingle, Ala. Leaf. 22,4 p., 1945.
Watson, Cit. Indus. 28(3):25, 1947.
- CRICKETS - SONIFICATION
i Headstrom, Horticulture 23:113-114, 1945; 24:427-428,477, 1946.
- CRICKETS - SONIFICATION - TEMPERATURE INDICATOR
Blanding & Headstrom, Horticulture 23:246, 1945.
- CRIOCEPHALUS sp.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:56, 1945.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:72, 1947.
- CRIOCEPHALUS PRODUCTUS Lec., see ARHOPALUS PRODUCTUS (Lec.)
- CRIOCERIS ASPARAGI (L.) (ASPARAGUS BEETLE)*
Bissell & Dupree, Ga. B. 254:5, 1947.
Blasberg, Vt. Ext. C. 109 rev.:34, 1946.
i Chupp & Leiby, N. Y. (C.) Ext. B. 208 rev.:72, 1947.
Maltais, Can. Ins. Pest Rev. 24:35, 1946.

CRIOCERIS ASPARAGI--Continued.

Mills et al., Mont. B. 442:14-15, 1947.
i Parks & King, Ohio Ext. B. 76 rev.:
5, 1947.

Pratt et al., N. Y. (C.) Ext. B. 696
rev.:40, 1947.

Stearns, Del. B. 263:28, 1947.
Stirrett, Can. Ins. Pest Rev. 25:27,
1947.

Thompson et al., USDA FB 1646 rev.:
24-25, 1947.

Verdcourt, Mod. Packaging 21(3):151,
1947.

CRIOCERIS ASPARAGI - INSECTICIDES
Compton, Rocky Mountain Conf. Ent.
R. 18:12, 1947.

Dustan et al., Sci. Agr. 26:112-113,
1946.

Hanna, Cal. Ext. C. 91 rev.:20, 1947.
Krone et al., Mich. Ext. B. 4 rev.:44-
45, 1945.

Watts, S. C. R. 59:163, 1947.

CRIOCERIS DUODECIMPUNCTATA (L.)
(SPOTTED ASPARAGUS BEETLE)*

i Chupp & Leiby, N. Y. (C.) Ext. B.
206 rev.:72, 1947.

Dustan et al., Sci. Agr. 26:112-113,
1946.

Maltais, Can. Ins. Pest Rev. 24:35,
1946.

Stirrett, Can. Ins. Pest Rev. 25:27,
1947.

CRIOCERIS SUBPOLITA Mots.

Swezey, Hawaiian Ent. Soc. P. 12:355,
1945.

CROCIDOPHORA PUSTULIFERALIS Led.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 2):7.

CROCIDOSEMA LANTANA Busck, see
EPINOTIA LANTANA (Busck)

CROCIDOSEMA PLEBEIANA Zell.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1):6.

CROP INSECTS - ALASKA

Jardine et al., USDA OES R. 1. 1944/45
1944/45:54, 1946.

CROP INSECTS - CANNING CROPS

Niagara Sprayer & Chem. Div., Food
Machinery Corp., Middlebury, N. Y.,
Food Packer Forum Ed. 28(3):178-
180,182-184,186-187, 1947.

***CROSS-STRIPED CABBAGEWORM**, see
EVERGESTIS RIMOSALIS (Guen.)

CRUCIFER INSECTS

Cockerham et al., La. R. f. 1944/45:
125-126, 1946.

Glasgow, N. Y. (G.) R. 64:34-35, 1946.

Harrison, J. Ec. Ent. 39:820-821, 1946.

Huckett, N. Y. (G.) R. 65:20, 1947.

CRUCIFER INSECTS, see also **BROCCO-**
LI INSECTS; **CABBAGE INSECTS**;
CAULIFLOWER INSECTS; **RAD-**
ISH INSECTS; **TURNIP INSECTS**
CRYMODES DEVASTATOR (Brace)
(GLASSY CUTWORM)*

Muma, Neb. Ext. C. 1537, 17, 1946.

Oldroyd, Alaska R. 10:52, 1947.

Walton, USDA FB 739 rev., 7 p., 1946.

CRYPHALUS FRASERI Hopk.

Beal & Massey, Duke Univ. School

For. B. 10:119-120, 1945.

CRYPTHOCRICINAE

bnik Usinger, Ent. Soc. Amer. Ann.
40:329-343, 1947.

CRYPTANURA Brullé

nk Cushman, USNM P. 96:139-176,
1945.

CRYPTICERYA ROSAE (Riley & How.)

Martorell, P. R. Univ. J. Agr. 29:383,
1945.

CRYPTINI - NEARCTIC

bnik Pratt, Amer. Mid. Nat. 34:549-
661, 1945.

CRYPTOBLABES ALIENA Swezey

Pemberton, Hawaiian Planters' Rec.
50:132, 1946.

CRYPTOCELLUS OSORIOI Bolívar y Pielt

ni Bolívar y Pieltain, Ciencia 7:24-
28, 1946.

CRYPTOCEPHALUS NIGROCINCTUS

Suffr.
Martorell, P. R. Univ. J. Agr. 29:445-
446, 1945.

CRYPTOCEPHALUS PERSPICAX Weise

Martorell, P. R. Univ. J. Agr. 29:446,
1945.

CRYPTOCEPHALUS TRISTICULUS

Weise
Martorell, P. R. Univ. J. Agr. 29:445,
1945.

CRYPTOCERUS F. - UNITED STATES

k Smith, Ent. Soc. Wash. P. 49:29-40,
1947.

CRYPTOCERCUS PUNCTULATUS

Scudd. - **BACTERIOIDS**

b Gier, J. Bact. 53:175-189, 1947.

bi Hoover, J. Morph. 76:213-223, 1945.

CRYPTOCLEPTES DISLOCATUS Blackm.

Beal & Massey, Duke Univ. School
For. B. 10:100, 1945.

CRYPTOCOCCUS FAGI (Baer.) (BEECH
SCALE)*

Balch & Reeks, N. B. Dept. Lands &
Mines R. 108:109, 1945; 109:125,
1946; 110:65, 1947.

DeGryse, For. Ent. in Can.:5, 1947.

Harrison, N. S. Dept. Lands & For.

R. f. 1944:41,59, 1945; f. 1945:37,
1946.

Hawboldt, N. S. Dept. Lands & For.

R. f. 1945:46:37, 1947.

Nash, Timber of Can. 6(11):64,78,
1946.

Reeks, Can. Ins. Pest Rev. 24:28-29,
1946.

Reeks & Forbes, Can. Ins. Pest Rev.
25:60, 1947.

Reeks et al., Can. Dept. Agr. Div. Ent.

For. Ins. Surv. R. f. 1944:8, 1945;

f. 1945:8, 1946; f. 1946:9, 1947.

Schaffner et al., USDA EPQ Ins. Pest

Surv. Sum. of Ins. Conditions in

1945:20, 1946.

CRYPTOGLLOSSA Sol.

n Blaisdell, Pan-Pac. Ent. 21(1):23-
29, 1945.

CRYPTOGNATHA Muls.

Woglum & Smith, Cal. Citrog. 32:413,
1947.

CRYPTOHYPNUS NOCTURNUS (Esch.),

see **HYPOLITHUS NOCTURNUS**
(Esch.)

CRYPTOLAEMUS Muls.

DeBach & Fleschner, Cal. Agr. 1(13): 3, 1947.

DeBach & Fleschner, Cit. Leaves 27 (11):9,27, 1947.

CRYPTOLAEMUS sp.

Parker et al., Man. for Cit. Grow. ed. 3:52, 1947.

CRYPTOLAEMUS MONTROUZIERI Muls.

DeBach & Fleschner, Cal. Citrog. 33: 23-24, 1947.

DeBach & Fleschner, Cit. Leaves 27 (11):27, 1947.

Omer-Cooper & Glaholm, Cit. Leaves 26(5):10, 1946.

Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:11; f. 1945/46: 20; f. 1946/47:11.

Smith, Cal. Citrog. 31:452, 1946.

CRYPTOLAEMUS MONTROUZIERI - REARING

Boyce & Fawcett, J. Ec. Ent. 40:702-703, 1947.

CRYPTOLAEMUS MONTROUZIERI & ANTS

Kendall, Cal. Citrog. 31:337, 1946.

CRYPTOMEIGENIA AURIFACIES Walt.

i Martorell, P. R. Univ. J. Agr. 29: 431-432, 1945.

CRYPTOPHAGUS INSCITUS Casey (RAISIN BEETLE)

Donohoe, Pests 14(10):16, 1946.

CRYPTOPHLEBIA ILLEPIDA (Butl.)

(KOA SEEDWORM)* (MACADAMIA NUT HUSK BORER)

Holdaway et al., Hawaii R. f. 1944/46: 78, 1947.

Swezey & Zimmerman, Hawaiian Ent. Soc. P. 12:629-631, 1946.

CRYPTOPS HORTENSIS Leach - UTAH

Chamberlin, Ent. News 56:199, 1945.

CRYPTORHYNCHUS LAPATHI (L.)

(POPLAR AND WILLOW BORER)* (MOTTLED WILLOW BORER)

i Boyd, N. J. Dept. Agr. C. 355:133-134, 1945.

i Daviault, For. Québécoise 12:653-655, 1947; Québec Min. Terres et For. Bur. d'Ent. C. 10,3 p., 1947?

La Rivers, Pan-Pac. Ent. 22:132, 1946.

Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 32, 1946.

CRYPTORHYNCHUS LONGUS (Lec.)

Wylie, Fla. St. Hort. Soc. P. 59:89, 1946.

CRYPTORHYNCHUS LONGUS (Lec.)

(MANGO WEEVIL)*

Holdaway et al., Hawaii R. f. 1944/46: 79, 1947.

Williams, Hawaiian Ent. Soc. P. 12: 279, 1946.

CRYPTORHYNCHUS PAROCHUS (Hbst.) - GENTILIA - MALE

i Bruhn, Great Basin Nat. 8:17, 1947.

CRYPTOSTEMMA H.-S.

bn Usinger, Ent. News 56:238-241, 1945.

CRYPTOSTIGMA INQUILINA (Newst.)

Martorell, P. R. Univ. J. Agr. 29:395, 1945.

CRYPTOTERMES BREVIS (Wlkr.)

Plank, P. R. (Mayaguez) R. f. 1945: 24, 1946.

bi Wolcott, P. R. (Rio Piedras) B. 68, 29 p.; Spanis' Ed. 32 p., 1946.

CRYPTOTERMES BREVIS - REPEL- LENTS

Roque, P. R. (Rio Piedras) R. f. 1943/44:59-60, 1946.

Wolcott, USDA FS Trop. For. Expt. Sta. Caribbean For. 6:245-256, 1945.

Spanish text, p. 256-266.

b Wolcott, USDA FS Trop. For. Expt. Sta., Caribbean For. 7:121-134, 1946.

b Wolcott, P. R. (Rio Piedras) B. 73, 18 p., 1947.

CRYPTOTERMES BREVIS - REPEL- LENTS - DDT

Wolcott, J. Ec. Ent. 38:493, 1945.

CRYPTOTERMES BREVIS - RESISTANT WOODS

b Wolcott, USDA FS Trop. For. Expt. Sta., Caribbean For. 7:121-134, 1946.

Wolcott, USDA FS Trop. For. Expt. Sta., Caribbean For. 7:329-334, 1946.

Spanish text, p. 335-336.

CRYPTURGUS ALUTACEOUS Schwarz

Beal & Massey, Duke Univ. School For. B. 10:72, 1945.

CRYPTUS ALBITARSIS (Cress.)

Boyce, Quebec Soc. Protect. Plants R. 30:97, 1947.

CRYPTUS INORNATUS Pratt - DIA- PAUSE

Simmonds, Can. Ent. 79:226-232, 1947.

CRYPTUS SEXANNULATUS Grav.

Anand, USDA EPQ R. f. 1943/44:24.

Boyce, Quebec Soc. Protect. Plants R. 30:98-100, 1947.

Gardiner, Can. Min. Agr. R. f. 1945/46:79.

Robertson, B. C. Dept. Agr. R. 41: W75, 1947.

CTENICERA sp. near DIVARICATUS (Lec.) - LARVAE

i Jewett, Ky. B. 489:16-17, 1946.

CTENICERA AERIPENNIS AERIPENNIS (Kby.) (PUGET SOUND WIRE- WORM)*

Downes, Can. Ins. Pest Rev. 25:13, 1947.

CTENICERA AERIPENNIS DESTRUC- TOR (Brown) (PRAIRIE GRAIN WIREWORM)*

Arnason et al., Can. Ins. Pest Rev. 24:82, 1946; 25:14, 1947.

b Arnason et al., Can. Ent. 79:174-180, 1947.

Bird & Mitchener, Can. Ins. Pest Rev. 24:69, 1946.

McDonald, Ohio St. Univ. Abs. Doc- toral Diss. 53:238, 1947.

Peterson, Can. Ins. Pest Rev. 24:108, 1946.

bi Post et al., N. Dak. Bimo. B. 10: 26-27, 1947.

Twinn, Can. Ins. Pest Rev. 23:1-2, 1945.

- CTENICERA APPRESSUS** Rand. - COL-
LECTION & PRESERVATION
Dietrich, Coleopterists' Bul. 1:9, 1947.
- CTENICERA CYLINDRIFORMIS** (Hbst.)
Stirrett, Can. Ins. Pest Rev. 25:14,
1947.
- CTENICERA LARICIS** (Brown)
Smith, B. C. Ent. Soc. P. 42:23, 1945.
- CTENICERA MORULUS** (Lec.)
Oldroyd, Alaska R. 10:55, 1947.
- CTENICERA TRIUNDULATUS** (Rand.)
Smith, B. C. Ent. Soc. P. 42:23, 1945.
- CTENIUM Menge** - NORTH AMERICA
nik Kaston, Amer. Mus. Nov. 1306,
19 p., 1946.
- CTENIZINAE**
Carr, Desert Parade:59, 1947.
- CTENOCEPHALIDES CANIS** (Curt.) (DOG
FLEA)*
Bishopp, USDA Leaf. 152 rev., 4 p.,
1946.
Corrington, Nature Mag. 39:222, 1946.
Lowry, Your Dog & Mine:63, 1947.
Mitchener, Manitoba Dept. Agr. & Im-
migr. Pub. 213:7-9, 1947.
Sheppard, Can. Ins. Pest Rev. 24:52,
1946.
Thompson, Can. Ins. Pest Rev. 24:43,
1946.
Ward, B. C. Dept. Agr. R. 40:V79,
1946.
i Westcott, Cocker Spaniel Visitor 9
(9):7, 1947.
Wressell, Can. Ins. Pest Rev. 24:59,
1946.
- CTENOCEPHALIDES CANIS** - INSECTI-
CIDES
b Roark, USDA EPQ E-654:3-6, 1945.
Roberts, J. Ec. Ent. 39:539, 1946.
i Whitney, Vet. Med. 42:264, 1947.
- CTENOCEPHALIDES CANIS** - INSECTI-
CIDES - DDT
Dove, USDA EPQ E-673:13, 1945.
Luttermoser, Pa. Univ. B. 47(28)
(School Vet. Med. Vet. Ext. Quart.
107):66, 1947.
Twinn, Can. Dept. Agr. Div. Ent.
Processed Pub. 65:11-12, 1947.
- CTENOCEPHALIDES CANIS** - REARING
Linduska & Cochran, J. Ec. Ent. 39:
544-545, 1946.
- CTENOCEPHALIDES CANIS** - REPEL-
LENTS
Linduska et al., J. Ec. Ent. 39:767-
769, 1946.
- CTENOCEPHALIDES CANIS & PARATY-
PHOID FEVERS**
Varela & Olarte, Science 104:104-105,
1946.
- CTENOCEPHALIDES CANIS & PLAGUE**
Macchiavello, Amer. J. Pub. Health
36:844, 851-853, 1946.
- CTENOCEPHALIDES FELIS** (Bouché)
(CAT FLEA)*
i Bishopp, USDA Leaf. 152 rev., 4 p.,
1946.
Cole, U. S. Pub. Health Rpts. 61:1473,
1477, 1479-1481, 1483-1484, 1946.
Cole & Koepke, U. S. Pub. Health
Rpts. Sup. 202:28-29, 32, 35-36, 38-40,
44, 46, 48, 63-64, 1947.
Corrington, Nature Mag. 39:222, 1946.
- CTENOCEPHALIDES FELIS**--Continued.
Davis, Ind. Acad. Sci. P. 56:153, 1947?
Downes et al., Can. Ins. Pest Rev. 25
113, 1947.
Mitchener, Manitoba Dept. Agr. &
Immigr. Pub. 213:7-9, 1947.
Rumreich, U. S. Pub. Health Rpts.
60:892, 1945.
Thompson, Can. Ins. Pest Rev. 24:
43, 1946.
Wressell, Can. Ins. Pest Rev. 24:59,
1946.
- CTENOCEPHALIDES FELIS** - HOSTS
Pemberton, Hawaiian Acad. Sci. P.
16:14, 1945. (Abs.)
- CTENOCEPHALIDES FELIS** - INSECTI-
CIDES
Luttermoser, Pa. Univ. B. 47(28)
(School Vet. Med. Vet. Ext. Quart.
107):66, 1947.
b Roark, USDA EPQ E-654:3-6, 1945.
- CTENOCEPHALIDES FELIS** - INSECTI-
CIDES - DDT
Ludwig & Page, U. S. Pub. Health
Rpts. 62:78, 82-83, 1947.
Sweetman, J. Ec. Ent. 39:417-418,
1946.
Twinn, Can. Dept. Agr. Div. Ent.
Processed Pub. 65:11-12, 1947.
- CTENOCEPHALIDES FELIS** - REAR-
ING
Linduska & Cochran, J. Ec. Ent. 39:
544-545, 1946.
- CTENOCEPHALIDES FELIS** - REPEL-
LENTS
Linduska et al., J. Ec. Ent. 39:767-
769, 1946.
- CTENOCEPHALIDES FELIS & BRU-
CELLOSIS**
b Tovar, Amer. J. Vet. Res. 8:138-
140, 1947.
- CTENOCEPHALIDES FELIS & DISEASE**
Van Zwailuenburg, Plantation Health
10(1):27, 1946.
- CTENOCEPHALIDES FELIS & PLAGUE,
SYLVATIC**
Wheeler & Douglas, J. Infect. Dis.
77:4-5, 10-12, 1945.
- CTENOCEPHALIDES FELIS & TYPHUS,
MURINE**
Davis, U. S. Pub. Health Rpts. 62:
455, 1947.
Irons et al., J. Bact. 51:609-610,
1946.
b Irons et al., Tex. Acad. Sci. P. &
Trans. 29:113-115, 1946.
Pollard et al., Amer. J. Hyg. 44:246,
1946.
- CTENODACTYLOMYIA WATSONI** Felt
Martorell, P. R. Univ. J. Agr. 29:
472-474, 1945.
- CTENOLEPISMA QUADRISERIATA**
Pack. - REPELLENTS
bi Sweetman et al., Soap & Sanit.
Chem. 21(3):104-107, 127, 129, 131,
1945.
- CTENOLEPISMA URBANA** Slab.
Mallis, Pests 13(4):14, 1945.
Michelbacher, Pests 15(8):10, 1947.
bi Sweetman et al., Soap & Sanit.
Chem. 21(3):104, 129, 1945.

**CTENOLEPISMA URBANA - REPEL-
LENTS**

bi Sweetman et al., Soap & Sanit.
Chem. 21(3):104-107,127,129,131,
1945.

**CTENOPHTHALMUS PSEUDAGRYTES
Baker**

MacCreary, J. Ec. Ent. 38:127, 1945.

CTESIAS SERRA (F.)

Linsley, Pests 14(7):16, 1946.

***CUBAN COCKROACH, see PANCHLORA
CUBENSIS Sauss.**

**CUBAN FLY, see LIXOPHAGA DIA-
TRAEAE (Townes.)**

***CUBAN-LAUREL THRIPS, see GYNAL-
KOTHRIPS FICORUM (Marchal)**

CUBOCEPHALUS BASIZONIUS (Grav.)

Baird, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:28,31,36, 1947.

Briand, Quebec Soc. Protect. Plants
R. 30:56-58, 1947.

Finlayson, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:47,49,52-55, 1947.

Wilkes, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:43-44, 46,56-57,59, 1947.

**CUBOCEPHALUS BASIZONIUS - REAR-
ING**

Girth & McCoy, N. J. Dept. Agr. C.
363:12, 1946.

CUBOCEPHALUS SUBGATTATUS (Grav.)

Baird, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:28,31,36, 1947.

Briand, Quebec Soc. Protect. Plants
R. 30:56-57, 1947.

Wilkes, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:43-44,46, 1947.

**CUCLOTOGASTER HETEROGRAPHUS
(Nitz.) (CHICKEN HEAD LOUSE)***

i Bice, Hawaii Ext. C. 86 rev.:1-3,
1947.

Marsden & Martin, Turkey Mangt. ed.
4:650-652, 1946.

CUCULLIA sp.

Hoffmann, J. Ec. Ent. 38:357, 1945.

CUCUMBER BEETLES

Bissell & Dupree, Ga. B. 254:9, 1947.
Clark & Hoveland, Wis. B. 472:14,17,
1947.

Pratt et al., N. Y. (C.) Ext. B. 696
rev.:51, 1947.

**CUCUMBER BEETLES, see also DIA-
BROTICA**

CUCUMBER INSECTS

Dutsch et al., Amer. Assoc. Ec. Ent.
Cotton Sta. Branch P. 19:91-93, 1945.
Haseman, Mo. B. 391 ed. 2,16 p.,
1946.

i Parks & King, Ohio Ext. B. 76 rev.:
18-19, 1947.

Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:109, 1947.

CUCUMBER INSECTS--Continued.

Wilkinson, Conn. Veg. Grow. Assoc.
P. 34:25, 1946.

Wolfenbarger, Del. B. 259:19, 1945.

CUCURBIT INSECTS

Wolfenbarger, Del. B. 263:25, 1947.

**CUCURBIT MIDGE, see ITONIDA CI-
TRULLI Felt**

**CUERNA OCCIDENTALIS Oman &
Beamer & PIERCE'S DISEASE OF
GRAPEVINES**

b Frazier & Freitag, Phytopathology
36:634-637, 1946.

CULEX L.

Brescia & Wilson, J. Ec. Ent. 40:309-
313, 1947.

Cal. St. Dept. Pub. Health B. 44 rev.:
21-22, 1945.

CULEX - CYTOLOGY

bi Grell, Genetics 31:60-94, 1946.

**CULEX - LARVAE - REACTIONS TO
STIMULI**

b Folger, Phystol. Zool. 19:190-202,
1946.

CULEX - MALES - IDENTIFICATION

k Dodge, Ent. Soc. Amer. Ann. 39:
140-142, 1946.

CULEX - MORPHOLOGY

i Dodge, Ent. Soc. Amer. Ann. 38:
163-167, 1945.

**CULEX - PUPAE - REACTIONS TO
STIMULI**

b Folger, Phystol. Zool. 19:190-202,
1946.

CULEX - VARIATION, SEASONAL

Michener, N. Y. Ent. Soc. J. 53:293-
300, 1945.

CULEX (MELANOCONION)

bik Baldus, Ent. Soc. Wash. P. 47:
199-210, 1945.

CULEX APICALIS Adams

Harmston & Rees, Pan-Pac. Ent. 22:
153-154, 1946.

Lasky, Ent. News 57:224, 1946.

Pierce et al., Sanitarian 7:722, 1945.

i Ross, Ill. Nat. Hist. Surv. B. 24:6,
8,23,41,45-46, 1947.

Seaman, Mosq. News 5:91, 1945.

Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:251-252, 1946.

b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:219-220, 1947.

Wilson et al., Mosq. News 6:82, 1946.

**CULEX APICALIS - INSECTICIDES -
DDT**

Odum & Sumnerford, Science 104:480-
482, 1946.

**CULEX APICALIS - LARVAL ASSOCI-
ATES**

Schmitt, N. J. Mosq. Exterm. Assoc.
P. 32:206, 1945.

CULEX APICALIS - MISSISSIPPI

Michener, Amer. Mid. Nat. 37:369-
371, 1947.

Peterson & Smith, J. Ec. Ent. 38:380,
1945.

**CULEX APICALIS - VARIATION, SEA-
SONAL**

Michener, N. Y. Ent. Soc. J. 53:293-
297, 1945.

- CULEX ATRATUS Theob., C. BAHAMEN-
SIS Dyar & Knab
Pritchard et al., Fla. Ent. 30:12-13,
1947.
- CULEX ELEVATOR Dyar & Knab -
FLORIDA
b1 Balduf, Ent. Soc. Wash. P. 47:199-
210, 1945.
Pritchard et al., Fla. Ent. 30:13, 1947.
- CULEX ERRATICUS (Dyar & Knab)
Knowles & Fisk, U. S. Pub. Health
Rpts. 60:1009, 1945.
Pritchard et al., Fla. Ent. 30:13, 1947.
i Ross, Ill. Nat. Hist. Surv. B. 24:23,
43-45, 50-51, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J.
21:252, 1946.
b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:220, 1947.
Wilson et al., Mosq. News 6:82, 1946.
- CULEX ERRATICUS - MISSISSIPPI
Michener, Amer. Mid. Nat. 37:371-372,
1947.
Peterson & Smith, J. Ec. Ent. 38:380,
1945.
- CULEX ERRATICUS & FILARIASIS
Eyles & Most, Amer. J. Trop. Med.
27:214-216, 218-219, 1947.
Hunter & Harkema, Helminth. Soc.
Wash. P. 13:48, 1946.
Newton & Pratt, Amer. J. Trop. Med.
26:700-701, 703-706, 1946.
Newton et al., Amer. J. Trop. Med. 25:
256, 258-261, 1945.
- CULEX ERYTHROTHORAX Dyar
Harmston & Rees, Pan-Pac. Ent. 22:
154, 1946.
Pierce et al., Sanitarian 7:725, 1945.
Rees, Salt Lake City Mosq. Abatement
Dist. R. Sum. 16:6, 1945; 18:5, 1947.
Reeves et al., Cal. Mosq. Control As-
soc. P. 15:93, 1947.
Seaman, Mosq. News 5:91, 1945.
- CULEX ERYTHROTHORAX & FILARIA-
SIS
Hunter & Harkema, Helminth. Soc.
Wash. P. 13:47, 1946.
Scott et al., J. Parasit. 31:195-197,
1945.
- CULEX FATIGANS Wied., see CULEX
QUINQUEFASCIATUS Say
- CULEX INTERROGATOR Dyar & Knab -
UNITED STATES
Thurman et al., J. Ec. Ent. 38:115,
1945.
- CULEX JEPSONI Theob. - PREDATORS
Wharton & Carver, Science 104:77,
1946.
- CULEX MOLESTUS Wied., see PSOROPH-
ORA CILIATA (F.)
- CULEX NIGRIPALPUS Theob.
Basham et al., Mosq. News 7:64, 1947.
Pritchard et al., Fla. Ent. 30:12, 1947.
Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:252, 1946.
b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:221, 1947.
Wirth, J. Ec. Ent. 40:744, 1947.
Wylie & Wilson, Fla. R. f. 1945/46:
189; f. 1946/47:203.
- CULEX NIGRIPALPUS - GYNANDRO-
MORPHS
Ring, J. Ec. Ent. 39:415, 1946.
Warren & Hill, J. Ec. Ent. 40:139,
1947.
- CULEX NIGRIPALPUS - MISSISSIPPI
Michener, Amer. Mid. Nat. 37:368-
369, 1947.
Peterson & Smith, J. Ec. Ent. 38:380,
1945.
- CULEX NIGRIPALPUS - VARIATION,
SEASONAL
Michener, N. Y. Ent. Soc. J. 53:297-
299, 1945.
- CULEX NIGRIPALPUS & FILARIASIS
Hunter & Harkema, Helminth. Soc.
Wash. P. 13:47, 1946.
Newton et al., Amer. J. Trop. Med.
25:255, 257, 259-261, 1945.
- CULEX OPISTHOPUS Komp - FLORIDA
& PUERTO RICO
b1 Pratt et al., Ent. Soc. Wash. P. 47:
245-251, 1945.
- CULEX PECCATOR Dyar & Knab
Michener, Amer. Mid. Nat. 37:371,
1947.
Peterson & Smith, J. Ec. Ent. 38:380,
1945.
i Ross, Ill. Nat. Hist. Surv. B. 24:45,
51-52, 1947.
Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:252, 1946.
b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:221, 1947.
Wirth, J. Ec. Ent. 40:744, 1947.
- CULEX PILOSUS (Dyar & Knab)
Michener, Amer. Mid. Nat. 37:371,
373, 1947.
Peterson & Smith, J. Ec. Ent. 38:380,
1945.
Pritchard et al., Fla. Ent. 30:13, 1947.
b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:221, 1947.
Wirth, J. Ec. Ent. 40:744, 1947.
- CULEX PIPIENS L. (NORTHERN
HOUSE MOSQUITO)*
Braland, Mosq. News 7:77, 1947.
Greenberg et al., Amer. J. Pub.
Health 37:863, 867, 1947.
Lee, N. J. Mosq. Exterm. Assoc. P.
34:70, 1947.
Rees, Salt Lake City Mosq. Abate-
ment Dist. R. Sum. 16:6, 1945; 17:
5, 1946; 18:5, 1947.
i Ross, Ill. Nat. Hist. Surv. B. 24:7-8,
42, 44-45, 47-48, 1947.
Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:252-253, 1946.
Stirrett, Can. Ins. Pest Rev. 25:115,
1947.
Wilson et al., Mosq. News 6:82-83,
1946.
Suffolk Co., N. Y. Mosq. Exterm.
Comm. R. f. 1945/46:6.
- CULEX PIPIENS - CALIFORNIA
Lee, Cal. Mosq. Control Assoc. P.
15:42, 1947.
Peters, Cal. Mosq. Control Assoc. P.
15:86, 88-89, 1947.
Pierce et al., Sanitarian 7:722-723, 1945

- CULEX PIPPIENS - CALIFORNIA--Continued.
Seaman, Mosq. News 5:91, 1945.
- CULEX PIPPIENS - CHROMOSOMES
Grell, Anat. Rec. 94:349-350, 1946.
(Abs.)
- CULEX PIPPIENS - COLORADO (DENVER)
Lasky, Ent. News 57:224-225, 1946.
- CULEX PIPPIENS - IDAHO
Harmston & Rees, Pan-Pac. Ent. 22: 154, 1946.
- CULEX PIPPIENS - INSECTICIDES - DDT
Ginsburg, N. J. Mosq. Exterm. Assoc. P. 32:47-52, 54, 1945.
b Ginsburg, J. Ec. Ent. 40:275-276, 1947.
- CULEX PIPPIENS - LARVAE - PENETRATION OF FAT SOLVENTS
b Richards & Weygandt, N. Y. Ent. Soc. J. 53:153-165, 1945.
- CULEX PIPPIENS - LARVAL ASSOCIATES
Schmitt, N. J. Mosq. Exterm. Assoc. P. 32:207, 1945.
- CULEX PIPPIENS - MISSISSIPPI
Michener, Amer. Mid. Nat. 37:374, 1947.
Peterson & Smith, J. Ec. Ent. 38:380, 1945.
- CULEX PIPPIENS - REARING - BLOOD-LESS
i Wray, Mosq. News 6:71-72, 1946.
- CULEX PIPPIENS - SONIFICATION
Kahn et al., Science 101:335-336, 1945.
- CULEX PIPPIENS - SOUTH CAROLINA
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:222, 1947.
- CULEX PIPPIENS - ULTRASONIC WAVES
bi Sautet et al., Rev. Can. de Biol. 6: 182-210, 1947.
- CULEX PIPPIENS & ENCEPHALITIS
Gray, Alameda Co. (Cal.) Mosq. Abatement Dist. R. f. 1944:2-5, 1945: f. 1946:6, 1947.
Hammon & Reeves, Amer. J. Pub. Health 35:994-995, 1000, 1945.
Hammon et al., Amer. Med. Assoc. J. 128:1137-1139, 1945.
- CULEX PIPPIENS & FILARIASIS
Eyles & Most, Amer. J. Trop. Med. 27:213-217, 219, 1947.
Hunter & Harkema, Helminth Soc. Wash. P. 13:46-48, 1946.
Newton & Pratt, Amer. J. Trop. Med. 26:700-701, 703-706, 1946.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:56-57.
- CULEX PIPPIENS & MALARIA, AVIAN
Manwell, J. Parasit. 33:167-169, 1947.
- CULEX PIPPIENS PALLENS Coq. & ENCEPHALITIS
Hammon & Reeves, Amer. J. Pub. Health 35:995, 998, 1000, 1945.
b Reeves & Hammon, J. Expt. Med. 83 p., 185-194, 1946.
- CULEX PIPPIENS PALLENS & ENCEPHALOMYELITIS, EQUINE
Hammon & Reeves, Amer. J. Pub. Health 35:996-998, 1945.
Reeves, U. S. Livestock Sanit. Assoc. P. 49:153, 1946.
- CULEX QUINQUEFASCIATUS Say
(SOUTHERN HOUSE MOSQUITO)*
Ross, Ill. Nat. Hist. Surv. B. 24:7-9, 42, 44-45, 48-49, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:252-253, 1946.
Wilbar, Amer. J. Pub. Health 37:671, 1947.
- CULEX QUINQUEFASCIATUS - ANOPHELINE ANTISERUM
Brooke & Proske, Natl. Malar. Soc. J. 48-49, 1946.
- CULEX QUINQUEFASCIATUS - BREEDING PLACES
b Bonnet, Hawaiian Ent. Soc. P. 13: 43-49, 1947.
- CULEX QUINQUEFASCIATUS - CALIFORNIA
Pierce et al., Sanitarian 7:720-721, 1945.
Reeves et al., Cal. Mosq. Control Assoc. P. 15:91-93, 1947.
Seaman, Mosq. News 5:91, 1945.
- CULEX QUINQUEFASCIATUS - CARRIBEAN REGION
Magoon, Salub. y Asist. Soc. B. Ofic. 48:581, 1945.
- CULEX QUINQUEFASCIATUS - FLORIDA KEYS
Pritchard et al., Fla. Ent. 30:12, 1947.
- CULEX QUINQUEFASCIATUS - INSECTICIDES
Holdsworth et al., Mosq. News 5:144-145, 1945.
Prill et al., Science 101:465, 1945.
b Prill et al., Boyce Thompson Inst. Contrib. 14:346-353, 1946.
- CULEX QUINQUEFASCIATUS - LARVICIDES
Annand, USDA EPQ R. f. 1946/47:17.
b Bushland, Mosq. News 7:14-17, 1947.
Deonier et al., USDA EPQ E-733:7-9, 20-235, 1947.
b Hartzell, Boyce Thompson Inst. Contrib. 15:25-34, 1947.
- CULEX QUINQUEFASCIATUS - LARVICIDES - DDT
Eide et al., J. Ec. Ent. 38:537-541, 1945.
Eide et al., Mosq. News 6:17-19, 1946.
Hurlbut & Bohart, J. Ec. Ent. 38:725, 1945.
Incho & Deonier, Mosq. News 7:67-70, 1947.
Reeves, Cal. Mosq. Control Assoc. P. 14:60, 1946.
- CULEX QUINQUEFASCIATUS - MISSISSIPPI
Michener, Amer. Mid. Nat. 37:363, 365, 367, 1947.
Peterson & Smith, J. Ec. Ent. 38:380, 1945.
- CULEX QUINQUEFASCIATUS - PREDATORS
Basham et al., Mosq. News 7:64-65, 1947.
Wharton & Carver, Science 104:77, 1946.
- CULEX QUINQUEFASCIATUS - SCREENS
Block, Amer. J. Pub. Health 36:1281-1286, 1946.

CULEX QUINQUEFASCIATUS - SCREENS

--Continued.

Block, Science 104:447, 1946.

CULEX QUINQUEFASCIATUS - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:222, 1947.

CULEX QUINQUEFASCIATUS & DENGUE
Pittaluga, Rev. Med. Trop. y Parasitol., Havana 11:2, 1945.

CULEX QUINQUEFASCIATUS & ENCEPHALITIS GROUP

Hammon & Reeves, Amer. J. Hyg. 46:328, 1947.

CULEX QUINQUEFASCIATUS & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27:211,213-217,219, 1947.

Hunter & Harkema, Helminth. Soc. Wash. P. 13:47, 1946.

McMartin, J. Urology 54(1):64, 1945.

Newton et al., Amer. J. Trop. Med. 25:253-261, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:57.

Pratt & Newton, J. Parasit. 32:272-280, 1946.

i Scott et al., J. Parasit. 31:195-197, 1945.

Zimmerman, Hawaiian Acad. Sci. P. 19:5, 1945. (Abs.)

CULEX QUINQUEFASCIATUS & MALARIA, AVIAN

Hammon et al., Cal. Mosq. Control Assoc. P. 15:22, 1947.

CULEX QUINQUEFASCIATUS & POLIO-MYELITIS

Gálvez Gómez, Medicina Rev. Mex. 27:354-356, 1947.

CULEX QUINQUEFASCIATUS & TEMPERATURE

Lindquist et al., Kans. Ent. Soc. J. 19:14, 1946.

CULEX RESTUANS Theob.

Breland, Mosq. News 7:77, 1947.

Harmston & Rees, Pan-Pac. Ent. 22:154, 1946.

Lasky, Ent. News 57:225, 1946.

i Ross, Ill. Nat. Hist. Surv. B. 24:2,7-8,23,41,44-45,47, 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21:253, 1946.

Wilson et al., Mosq. News 6:83, 1946.

CULEX RESTUANS - ANOPHELINE ANTISERUM

Brooke & Proske, Natl. Malar. Soc. J. 5:48-49, 1946.

CULEX RESTUANS - CALIFORNIA

Pierce et al., Sanitarian 7:726, 1945.

Seaman, Mosq. News 5:91, 1945.

CULEX RESTUANS - LARVAL ASSOCIATES

Schmitt, N. J. Mosq. Exterm. Assoc. P. 32:209, 1945.

CULEX RESTUANS - MISSISSIPPI

Michener, Amer. Mid. Nat. 37:366-367, 1947.

Peterson & Smith, J. Ec. Ent. 38:381, 1945.

CULEX RESTUANS - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:222-223, 1947.

CULEX RESTUANS & ENCEPHALOMYELITIS, EQUINE

b Norris, Can. J. Res. Sect. E 24:63-70, 1946.

CULEX RESTUANS & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27:215, 1947.

Hunter & Harkema, Helminth. Soc. Wash. P. 13:46-48, 1946.

Newton & Pratt, Amer. J. Trop. Med. 26:700, 1946.

Newton et al., Amer. J. Trop. Med. 25:256,259, 1945.

CULEX SALINARIUS Coq.

Breland, Mosq. News 7:77, 1947.

Harmston & Rees, Pan-Pac. Ent. 22:154, 1946.

Lasky, Ent. News 57:225, 1946.

Pritchard et al., Fla. Ent. 30:12, 1947.

Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 17:5, 1946.

i Ross, Ill. Nat. Hist. Surv. B. 24:42, 45,49, 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21:253, 1946.

Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34:92, 1947.

Wilson et al., Mosq. News 6:83, 1946.

CULEX SALINARIUS - BREEDING PLACES

Hathaway, La. Acad. Sci. P. 9:81, 1945.

b Vogt, J. Ec. Ent. 40:324-325, 1947.

CULEX SALINARIUS - LARVAL ASSOCIATES

Schmitt, N. J. Mosq. Exterm. Assoc. P. 32:209-210, 1945.

CULEX SALINARIUS - MISSISSIPPI

Michener, Amer. Mid. Nat. 37:367-369, 1947.

Peterson & Smith, J. Ec. Ent. 38:381, 1945.

CULEX SALINARIUS - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:223, 1947.

CULEX SALINARIUS & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27:218-219, 1947.

Hunter & Harkema, Helminth. Soc. Wash. P. 13:48, 1946.

Newton & Pratt, Amer. J. Trop. Med. 26:700-701,703-706, 1946.

Newton et al., Amer. J. Trop. Med. 25:256,258-261, 1945.

CULEX SALINARIUS & MALARIA, AVIAN

Cantrell & Jordan, J. Parasit. 31:55-56, 1945.

CULEX STIGMATOSOMA Dyar

Peters, Cal. Mosq. Control Assoc. P. 15:86-87, 1947.

Pierce et al., Sanitarian 7:721-722, 1945.

CULEX STIGMATOSOMA--Continued.

- Reeves et al., Cal. Mosq. Control Assoc. P. 15:91-92, 1947.
Seaman, Mosq. News 5:91, 1945.
- CULEX STIGMATOSOMA - BREEDING PLACES**
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:65-67, 1947.
- CULEX STIGMATOSOMA & ENCEPHALITIS**
b Hammon et al., Amer. J. Hyg. 42: 300-301,304, 1945.
- CULEX STIGMATOSOMA & ENCEPHALITIS GROUP**
Hammon & Reeves, Amer. J. Hyg. 46: 328-330, 1947.
- CULEX STIGMATOSOMA & ENCEPHALOMYELITIS**
Hammon & Reeves, Amer. J. Pub. Health 35:996, 1945.
- CULEX STIGMATOSOMA & FILARIASIS**
Scott et al., J. Parasit. 31:195-197, 1945.
- CULEX STIGMATOSOMA & MALARIA, AVIAN**
Hammon et al., Cal. Mosq. Control Assoc. P. 15:22, 1947.
- CULEX TARSALIS Coq.**
Harmston & Rees, Pan-Pac. Ent. 22: 154-155, 1946.
Lasky, Ent. News 57:226, 1946.
Lee, N. J. Mosq. Exterm. Assoc. P. 34 70, 1947.
Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16.6, 1945, 17:4-5, 1946, 18:4-5, 1947.
i Ross, Ill. Nat. Hist. Surv. B. 24 41, 45,49-50, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:253, 1946.
- CULEX TARSALIS - BREEDING PLACES**
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:65-68, 1947.
- CULEX TARSALIS - CALIFORNIA**
Peters, Cal. Mosq. Control Assoc. P. 15:86-88, 1947.
Pierce et al., Sanitarian 7.719-720, 1945.
Reeves et al., Cal. Mosq. Control Assoc. P. 15:91-93, 1947.
Seaman, Mosq. News 5:91-92, 1945.
- CULEX TARSALIS - COLLECTION & PRESERVATION**
b Carpenter, J. Ec. Ent. 38:404-406, 1945.
- CULEX TARSALIS - FLIGHT RANGE**
Freeborn et al., Cal. Mosq. Control Assoc. P. 14:69, 1946.
- CULEX TARSALIS - INSECTICIDES**
Herms, Cal. C. 365:98-100, 1946.
Herms, Cal. Mosq. Control Assoc. P. 14:3, 1946.
Reeves, Cal. Mosq. Control Assoc. P. 14:60, 1946.
Roth et al., Mosq. News 7:154, 1947.
- CULEX TARSALIS - MILITARY ZONES**
b Carpenter, J. Ec. Ent. 38:404-406, 1945.
- CULEX TARSALIS - MISSISSIPPI**
Michener, Amer. Mid. Nat. 37:369, 1947.
Peterson & Smith, J. Ec. Ent. 38:381, 1945.

CULEX TARSALIS - SOUTH CAROLINA
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:224, 1947.

- CULEX TARSALIS & ENCEPHALITIS**
Gray, Alameda Co. (Cal.) Mosq. Abatement Dist. R. f. 1944:2-5, 1945; f. 1946:3,6-8, 1947.
Hammon, Cal. Med. 67:219, 1947.
Hammon & Reeves, Amer. J. Pub. Health 35:994-995, 1945.
b Hammon et al., Amer. J. Hyg. 42: 299-306, 1945.
Hammon et al., Amer. Med. Assoc. J. 128:1135,1137-1139, 1945.
b Hammon et al., J. Expt. Med. 83:p. 175-183, 1946.
Reeves, Cal. Mosq. Control Assoc. P. 14:82-83, 1946.
Smith, Cal. Mosq. Control Assoc. P. 15:120-121, 1947.
Stead, Cal. Mosq. Control Assoc. P. 14.78, 1946.
- CULEX TARSALIS & ENCEPHALITIS GROUP**
Hammon & Reeves, Amer. J. Hyg. 46: 327-330,332-334, 1947.
- CULEX TARSALIS & ENCEPHALOMYELITIS**
Hammon & Reeves, Amer. J. Pub. Health 35:996-997, 1945.
b Hammon et al., Amer. J. Vet. Res. 6:145-148, 1945.
- CULEX TARSALIS & ENCEPHALOMYELITIS, EQUINE**
b Hammon & Reeves, J. Expt. Med. 83:163-173, 1946.
Reeves, U. S. Livestock Sanit. Assoc. P. 49:152-154,156, 1946.
Rempel et al., Can. J. Res. Sect. E. 24:74-78, 1946.
- CULEX TARSALIS & FILARIASIS**
Hunter & Harkema, Helminth. Soc. Wash. P. 13:47, 1946.
Newton et al., Amer. J. Trop. Med. 25:253,255-256,258-259,261, 1945.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:56.
Scott et al., J. Parasit. 31:195-197, 1945.
- CULEX TARSALIS & MALARIA**
Ball, J. Parasit. 32(6, sect. 2):9, 1946 (Abs.)
bi Ball, Amer. J. Trop. Med. 27:301-307, 1947.
- CULEX TARSALIS & MALARIA, AVIAN**
Hammon et al., Cal. Mosq. Control Assoc. P. 15:22, 1947.
- CULEX THRIAMBUS Dyar**
Pierce et al., Sanitarian 7:726, 1945.
Reeves et al., Cal. Mosq. Control Assoc. P. 15:93, 1947.
Seaman, Mosq. News 5:92, 1945.
- CULEX THRIAMBUS & ENCEPHALITIS GROUP**
Hammon & Reeves, Amer. J. Hyg. 46:328-330, 1947.
- CULEX TRITAENIORHYNCHUS Giles & ENCEPHALITIS**
Hammon & Reeves, Amer. J. Pub. Health 35:995,1000, 1945.
b Reeves & Hammon, J. Expt. Med. 83:185-194, 1946.

CULICIDAE

k Arnett, *Systema Nat. Zool. Ins.* Pt. 1 (Pub. 1) rev., 15 p., 1947.

CULICIDAE, see also MOSQUITOES

CULICIDAE - CORPORA ALLATA
Bodenstein, Conn. B. 488:396-405, 1945.

CULICIDAE - COLLECTION & PRESERVATION

Bick, J. Ec. Ent. 39:89-91, 1946.

Carpenter & Chamberlain, J. Ec. Ent. 39:82-88, 1946.

Carpenter et al., Amer. Mid. Nat. Monog. 3:6-23, 1946.

Davis, Ecol. Monog. 15:249-251, 261-272, 293, 1945.

Levi-Castello, J. Ec. Ent. 38:385-386, 1945.

bi McLintock, Can. J. Res. Sect. E 24: 55-62, 1946.

i Ross, Ill. Nat. Hist. Surv. B. 24:10-13, 1947.

Trapido, Amer. J. Trop. Med. 26:391-392, 1946.

i U. S. Pub. Health Serv. & Tenn. Val. Authority Malar. Control on Impound Water: 279-290, 1947.

CULICIDAE - GLANDS, RECTAL

bi Marshall, Wis. Acad. Sci. Trans. 37:149-155, 1945.

CULICIDAE - IDENTIFICATION

i Carpenter, Amer. Mid. Nat. Monog. 3:23-48, 1946.

i U. S. War Dept. TM 5-632 (PB-2435): 4, 1945.

CULICIDAE - LARVAE

b Abbot, *Turtlox News* 24:189-190, 1946.

Bickley, *Mosq. News* 5:18, 1945.

i Dodge, Ent. Soc. Amer. Ann. 38:163-167, 1945.

k Dodge, Ohio St. Univ. Abs. Doctoral Diss. 50:17-22, 1946.

Reeves et al., Cal. Mosq. Control Assoc. P. 15:92-95, 1947.

CULICIDAE - LARVAE - PACKING

i Carpenter, J. Ec. Ent. 38:501, 1945.

CULICIDAE - LARVAE - SPECIES ASSOCIATIONS

Schmitt, N. J. Mosq. Exterm. Assoc. P. 32:202-210, 1945.

CULICIDAE - LARVAE - TRACHEAE

i Colton, Natl. Geog. Mag. 88:401, 1945.

CULICIDAE - LITERATURE - POETRY

Twinn, *Pests* 14(2):16, 18, 1946.

CULICIDAE - NERVOUS SYSTEM

Rogoff, *Stain Technol.* 21:59-61, 1946.

CULICIDAE - NUTRITION

Giglioli, Natl. Malar. Soc. J. 6:160-162, 1947.

Hardman, Natl. Malar. Soc. J. 6:166, 1947.

bi Johnson, Natl. Malar. Soc. J. 6:176-179, 1947.

Trembley, J. Ec. Ent. 40:244-245, 1947.

CULICIDAE - SENSES - SMELL

b Willis, J. Ec. Ent. 40:769-778, 1947.

i Willis, *Sci. News Let.* 52:295, 1947.

CULICIDAE - SONIFICATION - RECORDING

Kahn, *Pests* 13(5):24, 1945.

Kahn, *Rev. Kuba Med. Trop. y Parasit.* 3:119-120, 1947.

Kahn et al., *J. Bact.* 50:239, 1945. (Abs.)

Kahn et al., *Science* 101:335-336, 1945

Kahn et al., *Sci. News Let.* 47:231, 1945.

CULICIDAE - TAXONOMY

Bishopp & Stage, N. J. Mosq. Exterm. Assoc. P. 32:16-18, 1945; 33:127, 1946.

b Hovanitz, Mich. Univ. Lab. Vertebrate Biol. Contrib. 32, 24 p., 1947.

CULICIDAE - TRACHEAE

i Hiller, *Food Packer* 27(6):50, 52, 1946.

CULICOIDES Latr. - BREEDING PLACES - SALINE CONTENT

Dorsey, J. Ec. Ent. 40:807, 1947.

CULICOIDES - CARIBBEAN REGION

bnik Fox, Ent. Soc. Amer. Ann. 39: 248-258, 1946.

CULICOIDES - INSECTICIDES

Knipling, USDA YB f. 1943/47.638-639.

CULICOIDES - INSECTICIDES - DDT

Annand, USDA EPQ R. f. 1945/46:8.

Bishopp, Amer. J. Pub. Health 36: 603, *Pests* 14(8):24, 1946.

Dove, USDA EPQ E-673-8, 1945.

Glasgow & Collins, J. Ec. Ent. 39: 230-232, 1946.

Madden et al., Fla. Ent. 19:5-10, 1946.

Trapido, J. Ec. Ent. 40:472-475, 1947.

Warrick, *Water & Sewage Works* 93. 331, 1946.

Webster, *Better Homes & Gard.* 24 (9):149, 1946.

USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 8-9, 1947.

U. S. War Dept. TM 5-632 (PB-2435): 36, 1945.

CULICOIDES - REPELLENTS

Pijoan et al., U. S. Nav. Med. Bul. 46: 1519-1519, 1946.

Travis et al., J. Ec. Ent. 39:628-629, 1946.

CULICOIDES & DISEASE

Dorsey, J. Ec. Ent. 40:806-807, 1947.

CULICOIDES FURENS (Poey)

Trapido, J. Ec. Ent. 40:472-475, 1947.

CULICOIDES JAMESI Fox

ni Fox, Ent. Soc. Wash. P. 48:244-246, 1946.

CULICOIDES PANAMERICANUS Fox

ni Fox, Kuba Rev. Med. Trop. y Parasit. 3:90-91, 1947.

CULICOIDES UTAHENSIS Fox

ni Fox, Ent. Soc. Wash. P. 48:246, 1946.

CULICOIDES WOKEI Fox

ni Fox, Kuba Rev. Med. Trop. y Parasit. 3:90-91, 1947.

CULISETA Felt - CALIFORNIA

Cal. St. Dept. Pub. Health B. 44 rev.: 22-24, 1945.

- CULISETA ALASKAENSIS (Ludl.)
U. S. Army Med. Dept. Bul. 7:992, 1947.
- CULISETA IMPATIENS (Wlkr.)
Harmston & Rees, Pan-Pac. Ent. 22: 155, 1946.
U. S. Army Med. Dept. Bul. 7:992, 1947.
- CULISETA INCIDENS (Thoms.)
Harmston & Rees, Pan-Pac. Ent. 22: 155, 1946.
Lasky, Ent. News 57:226-227, 1946.
Peters, Cal. Mosq. Control Assoc. P. 15:87, 1947.
Pierce et al., Sanitarian 7:720-721, 1945.
Reeves et al., Cal. Mosq. Control Assoc. P. 15:93, 1947.
Seaman, Mosq. News 5:92, 1945.
- CULISETA INCIDENS - INSECTICIDES
Herms, Cal. C. 365:98-100, 1946.
Herms, Cal. Mosq. Control Assoc. P. 14:3-6, 1946.
Magy & Hoskins, J. Ec. Ent. 38:524-527, 1945.
- CULISETA INCIDENS & FILARIASIS
Scott et al., J. Parasit. 31:195,197, 1945.
- CULISETA INORNATA (Will.)
Breland, Mosq. News 7:77, 1947.
Harmston & Rees, Pan-Pac. Ent. 22: 155, 1946.
Lasky, Ent. News 57:227, 1946.
Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16:6, 1945; 17:5, 1946, 18:4-5, 1947.
i Ross, Ill. Nat. Hist. Surv. B. 24:5-6, 8,21,23-24,38-40, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:253, 1946.
Wilson et al., Mosq. News 6:83, 1946.
- CULISETA INORNATA - BREEDING PLACES
Hathaway, La. Acad. Sci. P. 9:81, 1945
- CULISETA INORNATA - CALIFORNIA
Pierce et al., Sanitarian 7:723-724, 1945.
Reeves et al., Cal. Mosq. Control Assoc. P. 15:93, 1947.
Seaman, Mosq. News 5:92, 1945.
- CULISETA INORNATA - FLORIDA KEYS
Pritchard et al., Fla. Ent. 30:13,1947.
- CULISETA INORNATA - INSECTICIDES
Herms, Cal. C. 365:98-100, 1946.
Herms, Cal. Mosq. Control Assoc. P. 14:3-4, 1946.
- CULISETA INORNATA - MISSISSIPPI
Michener, Amer. Mid. Nat. 37:358-359,361, 1947.
Peterson & Smith, J. Ec. Ent. 38:381, 1945.
- CULISETA INORNATA - SOUTH CAROLINA
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:224, 1947.
- CULISETA INORNATA & ENCEPHALITIS
Hammon et al., Amer. Med. Assoc. J. 128:1138-1139, 1945.
- CULISETA INORNATA & ENCEPHALITIS GROUP
Hammon & Reeves, Amer. J. Hyg. 46: 328, 1947.
- CULISETA INORNATA & ENCEPHALOMYELITIS
Hammon & Reeves, Amer. J. Pub. Health 35:996, 1945.
- CULISETA INORNATA & ENCEPHALOMYELITIS, EQUINE
Rempel et al., Can. J. Res. Sect. E. 24:74-78, 1946.
- CULISETA INORNATA & FILARIASIS
Scott et al., J. Parasit. 31:195,197, 1945.
- CULISETA INORNATA & MALARIA, AVIAN
Cantrell & Jordan, J. Parasit. 31:55-56, 1945.
- CULISETA LONGIAREOLATA (Macq.) - EFFECT OF ULTRASONIC WAVES
bi Sautet et al., Rev. Can. de Biol. 6. 182-210, 1947.
- CULISETA MACCRACKENAE Dyar & Knab
Pierce et al., Sanitarian 7:725, 1945.
Seaman, Mosq. News 5:92, 1945.
- CULISETA MELANURA (Coq.)
Lasky, Ent. News 57:227, 1946.
Michener, Amer. Mid. Nat. 37:360-361, 1947.
Peterson & Smith, J. Ec. Ent. 38:381, 1945.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:253, 1946.
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:224, 1947.
Wilson et al., Mosq. News 6:83, 1946.
- CULISETA MORSTANS (Theob.)
Harmston & Rees, Pan-Pac. Ent. 22: 155, 1946.
Lasky, Ent. News 57.228, 1946.
i Ross, Ill. Nat. Hist. Surv. B. 24:8, 38-40, 1947.
Wilson et al., Mosq. News 6:83, 1946.
- CULISETA SUBROCHREA (Edwards) - REARING - BLOODLESS
Adams, Turtlox News 24:174, 1946.
- CUNAXOIDES BISCUTUM (Nesb.)
ni Nesbitt, Can. Ent. 78:18-20, 1946.
- CURCULIO AURIGER (Casey) (SMALL CHESTNUT WEEVIL)*
Annand, USDA EPQ R. f. 1946/47:11.
MacAndrews, Amer. Rose Ann. f. 1945:167.
Reed, North. Nut Grow. Assoc. R. 37: 56, 1947.
Van Leeuwen, Amer. Fruit Grow. 67 (6):28, 1946.
- CURCULIO BACULI (Chitt.)-GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:16, 1947.
- CURCULIO CARYAE (Horn) (PECAN WEEVIL)*
i Musser et al., S. C. Ext. C. 301:21-23, 1947.
Phillips, Fla. R. f. 1946/47:71.
Talbert, Gen. Hort.:193, 1946.
USDA Tree Nuts Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946:3-4, 1947.
- CURCULIO CARYAE - CONTROL - FLOODING
Nickels & Pierce, J. Ec. Ent. 40:921, 1947.

CURCULIO CARYAE - JARRING

i Bissell & Firor, Ga. Ext. B. 501
rev.:18-19, 1946; rev.:18-19, 1947.

CURCULIO CARYAE - SPRAYS

Annand, USDA EPQ R. f. 1946/47:11-12.

Nickels & Pierce, J. Ec. Ent. 39:792-794, 1946.

Nickels & Pierce, Tex. Pecan Grow. Assoc. P. 26:39-44, 1947.

CURCULIO CARYAE - SPRAYS - DDT

Annand, USDA EPQ R. f. 1945/46:3.

i Moznette, Amer. Fruit Grow. 67(11 i.e. 17):18, 1947.

Moznette, Southeast. Pecan Grow. Assoc. P. 40:49-50, 52-53, 1947.

i Moznette, USDA EPQ E-723, 6 p., 1947.

CURCULIO PROBOSCIDEUS F. (LARGE CHESTNUT WEEVIL)*

Reed, North. Nut Grow. Assoc. R. 37: 56, 1947.

Van Leeuwen, Amer. Fruit Grow. 67 (6):28, 1946.

CURCULIO RECTUS (Say), see CURCULIO AURIGER (Casey)

CURCULIONIDAE - CUBA

n Buchanan, Soc. Cubana Hist. Nat. Mem. 19:43-54, 1947.

CURLY TOP, see under genera ACINOPTERUS; AGALLIANA; CIRCULIFER; GYPONANA; TEXANANUS; and LEAFHOPPERS & PLANT DISEASE - CURLY TOP

***CURRANT APHID, see CAPITOPHORUS RIBIS (L.)**

***CURRANT BORER, see RAMOSIA TIPULIFORMIS (Clerck)**

***CURRANT BUD MITE, see CECIDOPHYTES RIBIS (Nal.)**

***CURRANT FRUIT FLY, see EPOCHRA CANADENSIS Loew**

CURRENT INSECTS

i Cummings, Amer. Nurseryman. 86(5): 11, 59-60, 1947.

Dewey, N. Y. St. Hort. Soc. P. 90:46, 1945; 91:90, 1946; 92:63, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:31-37, 1946.

Parks & King, Ohio Ext. B. 76 rev.:20, 1947.

i Quaintance & Porter, USDA FB 1398 rev.:15-17, 1946.

***CURRANT SPANWORM, see ITAME RIBEARIA (Fitch)**

***CURRANT STEM GIRDLER, see JANUS INTEGER (Nort.)**

CUTEREBRA Clark

Bequaert, Bklyn. Ent. Soc. B. 41:154, 1946.

i Kingscote, Ont. Dept. Agr. Ont. Vet. Col. R. f. 1946/47:32-33.

Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):89, 1947.

CUTEREBRA & MYIASIS - MASSACHUSETTS

Bequaert, Psyche 52:175-176, 1945.

CUTEREBRA sp.

i Shaw, Oreg. TB 11:15, 1947.

CUTEREBRA CUNICULI Clark

Eddy, R. I. Dept. Agr. & Conserv. R. 10:58, 1945.

Meek, Rabbit Raising for Profit:225-226, 1947.

CUTEREBRIDAE & MYIASIS

bik James, USDA Misc. Pub. 631:98-105, 1947.

CUTWORMS

Blasberg, Vt. Ext. C. 109 rev.:35, 1946.

i Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:59, 79-80, 1947.

Dean et al., Kans. Ent. Soc. J. 18:91, 1945.

Hodge, Fla. Grow. 53(3):6, 9, 1945.

Jacob et al., Cal. Ext. C. 116 rev.: 69, 1947.

Larrimer, USDA FB 1714 rev.:25, 1946.

i Lyle, Pest Control & Sanit. 1(8):22, 1946.

Oldroyd, Alaska R. 10:51-53, 1947.

Pratt et al., N. Y. (C.) Ext. B. 696 rev.:38-39, 1947.

Smith et al., Kans. Ent. Soc. J. 19:27, 1946; 20:51, 58, 1947.

Underhill & Bodenstein, Va. TB 97: 10, 1946.

Weiling, Utah St. Bd. Agr. Bien. R. 13:30-31, 1947?

CUTWORMS - ALFALFA

Grandfield & Throckmorton, Kans. B. 328:57-58, 1945.

CUTWORMS - BARRIERS

Lincoln & Isely, Ark. Ext. C. 436:8, 1945.

CUTWORMS - BEANS

Binkley, Colo. Farm Bul. 7(1):14, 1945.

CUTWORMS - CANADA

Buckell, Can. Ins. Pest Rev. 24:115, 1946.

Downes et al., Can. Ins. Pest Rev. 25:4-6, 1947.

Duncan, Quebec Min. Agr. R. f. 1945/46:28-29, 1947.

Gardiner, Can. Min. Agr. R. f. 1946/47:79, 82.

Gauthier, Quebec Min. Agr. R. f. 1944/45:59.

Gorham, Can. Dept. Agr. Div. Ent. Processed Pub. 45:2-3, 1946.

Neary, N. S. Dept. Agr. & Mktg. R. f. 1944/45:103, 1946.

Twinn, Can. Ins. Pest Rev. 23:2, 1945.

Ward, B. C. Dept. Agr. R. 41:W105, 1947.

Ward & Travis, B. C. Dept. Agr. R. 40:V76, V156, 1946.

Wilson, Alberta Dept. Agr. R. f. 1944: 23, 1945; f. 1945:20, 1946.

CUTWORMS - CHRYSANTHEMUMS

Cumming, Hardy Chrysanthemums rev.:127-128, 1945.

Scott & Scott, Chrysanthemums for Pleasure:15, 1947.

CUTWORMS - CONTROL

Decker, Goldfom 20(3):22, 1946.

i Lecker, Ind. Ext. B. 239 rev.:12, 1947.

- CUTWORMS - CONTROL--Continued.**
 i Lincoln, Ark. Ext. C. 438:4, 1945.
 i Lincoln & Isely, Ark. Ext. C. 436, 10 p., 1945.
 Muma, Neb. Ext. C. 1537:17, 1946.
 Price, Ky. Ext. C. 435:7, 1947.
 i Walton, USDA FB 739 rev., 7 p., 1946.
- CUTWORMS - CONTROL, CULTURAL**
 i Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan:88-89, 1945.
- CUTWORMS - HAWAII**
 Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44:18-19, 1945; P. 66, Expt. Sta. R. f. 1945/46:24, 1947.
 Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45:19, 1946.
- CUTWORMS - INSECTICIDES**
 Campbell, R. I. R. 58:34, 1946.
 Compton, Rocky Mountain Conf. Ent. R. 18:12, 1947.
 Russell, Fla. R. f. 1946/47:143.
- CUTWORMS - INSECTICIDES - DDT**
 Anderson, USDA R. Sec. f. 1947:146-147.
 Handford, Can. Ent. 79:36-37, 1947.
 Newcomer, Wash. St. Hort. Assoc. Proc. 41:51, 1945.
- CUTWORMS - KOK-SAGHYZ**
 Whaley & Bowen, USDA Misc. Pub. 618:99, 1947.
- CUTWORMS - LOSSES CAUSED BY**
 Arnason & McDonald, Saskatch. Dept. Agr. R. 42:91-92, 1947.
- CUTWORMS - PARASITES**
 Annand, USDA EPQ R. f. 1943/44:24.
 Tissot, Fla. R. 57:64, 1946?
- CUTWORMS - POISON BAIT**
 i Bissell & Dupree, Ga. B. 254:4, 1947.
 Cannon, Can. Dept. Agr. Div. Ent. Processed Pub. 63, 2 p., 1947.
 Colby, Ill. Ext. C. 453 rev.:50-51, 1946.
 Conner & Kulash, N. C. Ext. C. 299: 4-6, 1947.
 Filing, Kans. C. 235:17-18, 1946.
 Hammonds & Tabb, Farm. Handb.:115, 1947.
 Haseman, Mo. B. 391 ed. 2:15, 1946.
 Kelsheimer, Fla. St. Hort. Soc. P. 59: 82-83, 1946.
 Knowlton & Peay, Utah Mimeo. Ser. 325:1, 1946.
 i Krone et al., Mich. Ext. B. 4 rev.: 38, 1945.
 McDaniel, Flor. Rev. 98(2534):33-34, 1946.
 McDaniel, Gladiolus 22:44-45, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:27, 1946.
 Mitchener, Manitoba Dept. Agr. & Im-migr. Pub. 198:3, 1945.
 i Nettles et al., S. C. Ext. B. 109:27-28, 30-31, 1947.
 Pepper, N. J. B. 718:38, 1945.
 Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:17.
 Pepper, Pa. Veg. Grow. News 15(1): 58, 1945.
 Pepper, Pa. Ext. C. 287:11, 1946.
 Price, Ky. Ext. C. 437:6, 1947.
- CUTWORMS - POISON BAIT--Continued**
 Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44:4, 1946.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:10-11, 1945.
 Thompson, Oreg. C. Inform. 384:1,3, 1946.
 Thompson, USDA FB 1646 rev.:25, 1947.
 Westbrook, Ga. Ext. B. 523:41, 1945.
- CUTWORMS - POISON BAIT - AIR-CRAFT SPREADING**
 Hayslip, Fla. R. 57:215, 1946?
- CUTWORMS - TOBACCO**
 Arnott & Goble, Can. Dept. Agr. Div. Ent. Processed Pub. 51, 2 p., 1946.
 i Garner, Prod. of Tob.:276-279, 1946.
 Gauthier & Roux, Quebec Soc. Protec-t. Plants R. 29:87-88, 1945?
 Johnson & Ogden, Wis. B. 467:26, 1945.
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:6-7; Cigar Tob.:3;
 Burley & Dark Fire-Cured Tob.:4-5, 1947.
- CUTWORMS, CLIMBING**
 Knowlton, Utah Acad. Sci. Arts & Let. P. 24:136, 1947. (Abs.)
 i Ohio B. 655:54, 1945; 670:54-55, 1947.
- CYBISTER CURTIS AS FOOD OF MAN**
 Hoffmann, Ent. Soc. Wash. P. 49:233, 1947.
- CYBISTER sp. - PREY - PRECIPITIN TEST**
 Brooke & Proske, Natl. Malar. Soc. J. 5:51-55, 1946.
- CYBOCEPHALUS Er. - CALIFORNIA**
 Bumgardner, J. Ec. Ent. 38:128, 1945.
- CYBOCEPHALUS sp.**
 b Kartman, J. Ec. Ent. 39:814, 1946.
- *CYCLAMEN MITE, see TARSONEMUS PALLIDUS Banks**
- CYCLOCEPHALA Latr. - DISEASES - MILKY DISEASE**
 b White, J. Ec. Ent. 40:912-914, 1947.
- CYCLOCEPHALA - KANSAS**
 Jardine et al., USDA OES R. f. 1944/45:54, 1946.
- CYCLOCEPHALA sp.**
 Davis, Ind. Acad. Sci. P. 56:149, 1947?
 Painter & Bryson, Kans. Bien. R. 13. 62, 1946.
- CYCLOCEPHALA BOREALIS Arrow (NORTHERN MASKED CHAFER)***
 Johnson, Conn. B. 488:419, 1945.
 Neiswander, Ohio B. 673:14, 1947.
- CYCLOCEPHALA BOREALIS - DIS-EASES - MILKY DISEASE**
 b White, J. Ec. Ent. 40:912-914, 1947.
- CYCLOCEPHALA HIRTA Lec.**
 i Bohart, Hilgardia 17:301-302, 1947.
- CYCLOCEPHALA IMMACULATA (Oliv.) (SOUTHERN MASKED CHAFER)***
 Dean et al., Kans. Ent. Soc. J. 18:97, 1945.
 Grayson, Va. TB 109:5-6, 11, 1947.
 Smith et al., Kans. Ent. Soc. J. 19:51, 1946; 20:57, 1947.

- CYCLOCEPHALA REFLEXA Casey
Fautin, Ecol. Monog. 16:264, 1946.
- CYCLONEDA LIMBIFER Casey
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:551, 1946.
- CYCLONEDA MUNDA (Say)
Jaynes & Marucci, J. Ec. Ent. 40:13,
1947.
- CYCLONEDA SANGUINEA (L.)
Osorio, Control de Plagas 8 [i.e. 7]:
73, 1945.
- CYCLOPELTA SUBHIMALAYENSIS
Strickl. AS FOOD OF MAN
Hoffmann, Ent. Soc. Wash. P. 49:237,
1947.
- CYLAS FORMICARIUS (F.)
Swezey, Hawaiian Ent. Soc. P. 12:351,
1945.
- CYLAS FORMICARIUS - GENITALIA -
MALE
i Bruhn, Great Basin Nat. 8:11, 1947.
- CYLAS FORMICARIUS ELEGANTULUS
(Sum.) (SWEETPOTATO WEEVIL)*
Abreu, Cuba Min. de Agr. Rev. ser. 4,
28(3):76-77, 1945.
Annand, New Internatl. YB 1944:296,
1945.
Annand, USDA EPQ R. f. 1943/44:15,
46-47; f. 1944/45:37; f. 1945/46:
35; f. 1946/47:6,43.
Kerr, La. Comnr. Agr. & Immigr.
Bien. R. 32:47, 1946.
McClanahan, Fla. St. Plant Bd. Bien.
R. 16:30-31, 1946.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1):6.
Parker, Ariz. St. Ent. R. f. 1946/47:
26-27.
Ryan, Los Angeles Co. Cal. Agr.
Comnr. R. f. 1945/46:8; f. 1946/47:
10.
Wyllie, Fla. St. Hort. Soc. P. 59:88-89,
1946.
Caribbean Res. Council. Com. Agr.,
Nutr., Fisheries & For. Crop Inq.
Ser. 4:73, 1947.
- CYLAS FORMICARIUS ELEGANTULUS -
ERADICATION
Alden, Ga. Dept. Ent. B. 89:7-8, 1946;
90:7, 1947.
Lyle, J. Ec. Ent. 40:2,4, 1947.
- CYLAS FORMICARIUS ELEGANTULUS -
FOOD & HOST PLANTS
Anderson, USDA R. Sec. f. 1947:139.
Smith et al., La. R. f. 1945/46:53,
1947.
Smith et al., Assoc. South. Agr.
Workers P. 44:130-131, 1947. (Abs.)
- CYLAS FORMICARIUS ELEGANTULUS -
FUMIGANTS
Anderson, Tenn. St. Hort. Soc. P. 40:
113-114, 1946.
- CYLAS FORMICARIUS ELEGANTULUS -
INSECTICIDES
Bottger & Levin, USDA EPQ E-729,
23 p., 1947; E-738:2,6,8-9, 1947.
Cockerham et al., La. R. f. 1944/45:
127, 1946; f. 1945/46:112-113, 1947.
Wyllie & Wilson, Fla. R. f. 1946/47:
182.
- CYLAS FORMICARIUS ELEGANTULUS -
INSECTICIDES - DDT
Cockerham et al., USDA EPQ E-691,
7 p., 1946.
White, USDA EPQ E-642:5, 1945; E-
692:9, 1946.
- CYLAS FORMICARIUS ELEGANTULUS -
QUARANTINE
Alden, Ga. Dept. Ent. B. 87:10, 1945.
Alden, Contact (Ga. Veg. Grow. As-
soc.) 13(3):5, 1947.
Anderson, La. Comnr. Agr. & Im-
migr. Bien. R. 32:84-86, 1946.
Messenger, Cal. Dept. Agr. B. 34:
203, 1946; 35:218-219, 1947.
- CYLAS FORMICARIUS ELEGANTULUS -
RESISTANT SWEET POTATOES
Cockerham & Deen, J. Ec. Ent. 40:
439-441, 1947.
Cockerham et al., Assoc. South. Agr.
Workers P. 44:122, 1947. (Abs.)
- CYLAS FORMICARIUS ELEGANTULUS -
SOUTH CAROLINA
Annand, USDA EPQ R. f. 1944/45:30,
1946.
- CYLAS FORMICARIUS ELEGANTULUS -
SURVEY
Yapp, Kans. Ent. Comn. Bien. R. 20.
9, 1946.
- CYLINDERA FLAVA (F.)
Martorell, P. R. Univ. J. Agr. 29:441,
1945.
- CYLINDROCOPTURUS CRASSUS Van
Dyke
Kelfer, Cal. Dept. Agr. B. 34:189,
1945.
- CYLINDROCOPTURUS EATONI Buch.
(PINE REPRODUCTION WEEVIL)
Annand, USDA EPQ R. f. 1946/47:28.
Craighead & Brown, USDA EPQ E-
649:6, 1945.
Cal. Dept. Nat. Resources Div. For.,
For. Ins. Conditions in Cal. during
1946:11, 1947.
- CYLLENE Newm. not Gray, see MEGA-
CYLLENE Casey
- CYMATODERA OVIPENNIS Say
i MacSwain, Pan-Pac. Ent. 21:97-100,
1945.
- CYMATODERA PSEUDOTSUGAE Barr
n Barr, Bklyn. Ent. Soc. B. 42:17-18,
1947.
- CYNAEUS ANGUSTUS Lec.
Farrar, Soybean Digest 6(2):13, 1945.
Gardiner, Can. Min. Agr. R. f.
1944/45:64.
bi Krall & Decker, Iowa St. Col. J.
Sci. 20:385-402, 1946.
- CYNOMYA CADAVERINA Rob.-Desv.,
see CYNOMYOPSIS CADAVERINA
(Rob.-Desv.)
- CYNOMYOPSIS CADAVERINA (Rob.-
Desv.)
Frings & Frings, Science 103:22-23,
1946.
Shaw & Bourne, J. Ec. Ent. 39:543-
544, 1946.
bi Wulff & Jahn, N. Y. Ent. Soc. J. 55:
65-83, 1947.

- CYNOMYOPSIS CADAVERINA & MYIASIS
James, USDA Misc. Pub. 631:87-88, 1947.
- CYNOMYOPSIS CADAVERINA & POLIO-MYELITIS
b Power & Melnick, Yale J. Biol. & Med. 18(1):64-65, 68-69, 1945.
- *CYNTHIA MOTH, see SAMIA CYNTHIA (Drury)
- CYRTINUS PYGMAEUS (Hald.)
i Knull, Ohio Biol. Surv. B. 39:232-233, 1946.
- CYRTOGASTER, near GLASGOWI Cwfd
Wirth, Hawaiian Ent. Soc. P. 13:29, 1947.
- CYRTOPELTIS VARIANS (Dist.) (TO-MATO SUCK FLY)
Holdaway, Hawaii R. f. 1942/44 61-62, 1945.
Holdaway, Hawaiian Ent. Soc. P. 12 306-307, 1945.
Holdaway et al., Hawaii R. f. 1942/44. 64-65, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:16.
i MacCreary & Detjen, Peninsula Hort. Soc. Trans. 60:94-95, 1947.
- CYRTOPHORUS VERRUCOSUS (Oliv.)
i Knull, Ohio Biol. Surv. B. 39:225, 1946.
- CYSTEODEMUS ARMATUS Lec.
i Cassell, Nat. Hist. 55:234-235, 1946.
- CYSTIOECETES sp.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:83, 1947.
- CYSTIOECETES NIMBOSUS Braun.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:67, 1945.
- CYTODITES NUDIS (Viz.) (AIR-SAC MITE)
Bushnell & Twiehaus, Kans. B. 326.88, 1945.
Coffin, Man. Vet. Clin. Path. rev. 61, 1945.
Edminster, Ruffed Grouse:248-249, 1947.
i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:176-177, 1947.
- CYTODITES NUDIS - TRACHEA OF CANARY
Higby, All-Pets Mag. 17(12):8-9, 1946.
- CYTOLEICHUS NUDIS Viz., see CYTODITES NUDIS (Viz.)
- CZENSPINSKIA LORDI Nesb.
ni Nesbitt, Can. Ent. 78:20-21, 1946.
Pickett et al., Sci. Agr. 26:597, 1946.
- DACNUSINAE
ik Riegel, Amer. Species of Dacnusi-nae Excluding Certain Dacnusiini, 8 p., 1947. (Abs.)
- DACTYLOPIUS COCCUS Costa (COCHINEAL INSECT)*
U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(99):1-3, 1946.
- DACTYLOPSYLLA BLUEI (Fox)
Prince, Can. Ent. 77:18, 1945.
- DACUS CURCUBITAE (Coq.) (MELON FLY)*
Holdaway et al., Hawaiian Acad. Sci. P. 21:11-12, 1946. (Abs.)
- DACUS CURCUBITAE--Continued.
i Holdaway et al., Hawaii R. f. 1944/46:61-64, 78, 1947.
McBride et al., Hawaii R. f. 1942/44: 74-75, 1945.
Zimmerman, Hawaiian Planters' Rec. 50:116, 1946.
- DACUS CUCURBITAE - FOOD - EFFECT ON OVARIES
b Marlowe, J. Ec. Ent. 38:339-340, 1945.
- DACUS CUCURBITAE - INSECTICIDES - DDT
Annand, USDA EPQ R. f. 1944/45:12, 1946, 1945/46:16-17, 1947.
Holdaway, Hawaiian Ent. Soc. P. 12. 305-306, 1945.
- DACUS CUCURBITAE - INTERCEPTION - AIRCRAFT
Cooley, J. Ec. Ent. 40:130, 1947.
- DACUS CUCURBITAE - QUARANTINE
Dodd, USDA EPQ SRA 166:3-5, 1947.
- DACUS DORSALIS Hendel (ORIENTAL FRUIT FLY)*
Annand, USDA EPQ R. f. 1946/47:33.
i Fullaway, Hawaii Bd. Commrs. Agr. & For. Bien. R. f. 1944/46:38-39.
Fullaway, Hawaiian Ent. Soc. 13:8, 11, 15, 1947.
Holdaway et al., Hawaii R. f. 1944/46: 77-78, 1947.
Keck, Hawaiian Ent. Soc. P. 13:17, 1947.
Look, Hawaiian Ent. Soc. P. 13:13, 1947.
i Pemberton, Hawaiian Planters' Rec. 50:53-55, 1946.
Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46:23, 1947.
Swezey et al., Hawaiian Ent. Soc. P. 13:20, 1947.
Van Zwailuenburg, Hawaiian Ent. Soc. P. 13:24, 1947.
Van Zwailuenburg, Plantation Health 11(3):26, 1947.
Zimmerman, Hawaiian Planters' Rec. 50:112-113, 116-118, 1946.
- DACUS DORSALIS - FOOD & HOST PLANTS
McBride, Hawaiian Ent. Soc. P. 13:24-25, 1947.
- DACUS DORSALIS - QUARANTINE
Dodd, USDA EPQ SRA 166:4-5, 1947.
- DACUS FERRUGINEUS F. (MANGO FRUIT FLY)
Anderson, USDA R. Sec. f. 1947:140.
- DACUS OLEAE (Gmel.) (OLIVE FRUIT-FLY)*
Annand, USDA EPQ R. f. 1945/46:60 f. 1946/47:68.
- DAHLBOMINUS FUSCIPENNIS (Zett.)
Baird, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control Fo. Ins. Prov. Ont. by Introd. Ins. Pat. sites:28, 31-34, 36, 1947.
Balch & Reeks, N. B. Dept. Lands & Mines R. 110:66, 1947.
Briand, Quebec Soc. Protect Plants R. 30:56-58, 1947.

DAHLBOMINUS FUSCIPENNIS--Continued.

Davilault, Quebec Min. Lands & For. R. f. 1944/45:116, 1946; f. 1945/46:114, 1947.

Finlayson, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:47,49-55, 1947.

i Girth & McCoy, N. Y. Dept. Agr. C. 363:10,12-17, 1946.

Paquet, Quebec Min. Lands & For. R. f. 1943/44:93-94, 1945.

Weiss, N. J. Dept. Agr. R. 30:189-191, 1945; 31:146-149, 1946; 32:158-159, 1947.

Weiss, Ent. News 58:19, 1947.

Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:37-44,46, 1947.

DAHLBOMINUS FUSCIPENNIS - MATING
Wilkes, Quebec Soc. Protect. Plants R. 30:176-178, 1947.

DAHLBOMINUS FUSCIPENNIS - REARING

Girth & McCoy, N. Y. Ent. Soc. J. 54: 320, 1946.

DAHLIA INSECTS

i Brown, Flower Grow. 33:430,448-449, 1946.

i Parks & King, Ohio Ext. B. 76 rev.: 20-21, 1947.

b Riley, Dahlias:30-32,75-76,78-89,91, 155, 1947.

DAHLIA INSECTS - INSECTICIDES

Brown, Amer. Dahlia Soc. B. ser. 19 (1):8-10, 1946.

i Brown, Flower Grow. 34:565,584-586, 1947.

i Neiswander, Down to Earth 2(3):14-15, 1946.

i Sarett et al., Dahlia 16(1):11-15,17-18,20-21, 1947.

DAIRY INSECTS

Decker, Natl. Butter & Cheese J. 38 (5):45-46,48,52, 1947.

Fisher, Creamery J. 57(5):16,35, 1946.

Fisher, Natl. Butter & Cheese J. 38 (8):91-92, 1947.

Gould, Milk Plant Month. 35(7):38,54-55, 1946; Pests 15(2):22,24, 1947. (Repr.)

Henderson, Milk Plant Month. 36(3): 54-56,60, 1947.

i Korff, Milk Plant Month. 36(4):98, 100, 1947.

McDaniel, J. Milk Technol. 8:338-341, 1945.

Pederson, Internatl. Assoc. Ice Cream Mfrs. R. P. 42 Prod. & Lab. Council 2:10-11, 1946.

Riggs, Natl. Butter & Cheese J. 36(2): 64-65, 1945.

Searls, Milk Indus. Found. Assoc. B. 39:350-354, 1947.

i Thompson, Can. Dairy & Ice Cream J. 25(5):27-29,62,64, 1946.

White, Milk Plant Month. 36(2):36-38, 1947.

Wilkinson, Hoard's Dairym. 92:478, 1947.

DAIRY INSECTS--Continued.

i Amer. Assoc. Ec. Ent. Com. for Coordination Ent. with War Effort, War on Ins., 12 p., 1945?

DAIRY INSECTS - INSECTICIDES

Dove, J. Milk & Food Technol. 10: 214-218, 1947.

Fisher, Control of Some Ins. Affecting Farm Dairymg, Wis. Ext. Sp. C., 3 p., Jan.1946.

Jarrett, N. C. St. Bd. Health, Health B. 60(10):11-12, 1945.

DAIRY INSECTS - INSECTICIDES - DDT

b Gerlach, Milk Dealer 36(10):156-160, 1947.

Maloney, Cheese Rptr. 70(34):10, 1946

Ruehe, Milk Plant Month. 36(1):82, 1947.

Schwardt, Milk Dealer 35(7):114,116-117, 1946.

Searls, Can. Dairy & Ice Cream J. 24 (11):48-50, 1945.

Searls, Cheese Rptr. 69(34):7,21-22, 24, 1945.

Searls, Kraftsm. Prod. Ed. 3(6):16-17, 1945.

Searls, Dairy World 25(10):40-41,44, 1947.

Searls & Weed, Agr. Chem. 1(7):37, 65, 1946.

Smith, South. Dairy Prod. J. 41(1):80-81,88, 1947.

b Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19:21-22,24-26,28-30, 32-36, 1946.

DAIRY INSECTS - SPRAYS - DDT

Becker et al., Fla. R. f. 1945/46:57-58.

i Brett & Fenton, Milk Dealer 35(8): 44,60,62, 1946.

Bruce & Blakeslee, J. Ec. Ent. 39: 369-370, 1946.

i Bushnell, West. Dairy J. 1(12):13, 51, 1945.

Cooper, Ky. R. 59:54, 1947.

Cowser et al., Miss. Farm Res. 8 (12):1-2, 1945.

i Harney, Kraftsm. Prod. Ed. 4(5):10, 1946.

Henderson, Ice Cream Field 49(1):26, 30,34, 1947.

Henderson, Ice Cream Rev. 30(10):74, 76,78,80, 1947.

Hyatt, Hoard's Dairym. 92:110, 1947.

Lathrop, Maine B. 438:640, 1945.

Latimer, Milk Dealer 35(2):50, 1945.

Lehker, Pure Milk 20(5):14-15, 1946.

Menusan, Amer. Butter Rev. 8(9):44-45, 1946.

Michelbacher & Smith, Cal. Dairym. 25(17, i.e. 16):12,14, 1945.

Michelbacher et al., Nulaid News 23 (6):11,22-23, 1945.

Osborne, Hoard's Dairym. 91:547, 1946.

Schwardt, Holstein-Friesian World 43: 1533, 1946.

Schwardt, Natl. Butter & Cheese J. 37 (4):70; Ice Cream Rev. 29(9):111, 1946.

Schwardt, N. Y. St. Assoc. Milk Sanit. R. 20:161-162,164-166, 1947.

- DAIRY INSECTS - SPRAYS - DDT--Continued.
Searls, West. Farm Leader 11:2-3, 1946.
Searls, Milk Indus. Found. Assoc. B. 39:240-242, 1947.
Steinweden, Cal. Dept. Agr. B. 34:178, 1945.
Tissot, Coastal Cattle. 13(5):13-14, 1947.
i White, Kraftsm. Prod. Ed. 4(4):11, 1946.
- DAIRY INSECTS - SPRAYS - DDT & KEROSENE
Searls, Amer. Butter Rev. 9(5):40-41, 1947. (Abs.)
- DAIRY INSECTS - SPRAYS - DDT (NEOCID)
i Matthyse, Cal. Dairym. 26(4):12, 17, 1946.
- DALOPUS Esch.
Maltais, Can. Ins. Pest Rev. 25:14-15, 1947.
- DANAUS Kluk - CUBA
nik Torre y Callejas, Soc. Cubana Hist. Nat. Mem. 19:17-24, 1947.
- DANAUS PLEXIPPUS (L.) (MONARCH BUTTERFLY)*
b Frings, J. Expt. Zool. 99:115-140, 1945.
i Grafton, Pop. Sci. Month. 146(3): 116-117, 1945.
i Headstrom, Horticulture 23:333, 1945.
i Knight, Iowa Conserv. 4:139, 1945.
Martorell, P. R. Univ. J. Agr. 29:485, 1945.
Wressell, Can. Ins. Pest Rev. 24:60, 1946.
- DARGIDA PROCINCTA (Grote) (OLIVE-GREEN CUTWORM)
Spencer, B. C. Ent. Soc. P. 43:10, 1947.
- DARK APPLE RED BUG, see HETERO-CORDYLUS MALINUS Reut.
- *DARK MEALWORM, see TENEBRIO OBSCURUS F.
- DARK RICE-FIELD MOSQUITO, see PSOROPHORA CONFINNIS (Arrblz.)
- *DARK-SIDED CUTWORM, see EUXOA MESSORIA (Harr.)
- DARKLING GROUND BEETLES, see BLAPSTINUS, CONIOTES, ELEODES, ULUS
- DASYCHIRA COSTALIS Wlkr.
Swezey, Hawaiian Ent. Soc. P. 12:365, 1945.
- DASYHELEA CALVESCENS Macfie
Wirth, Hawaiian Ent. Soc. P. 12:492, 1946.
- DASYHELEA HAWAIIENSIS Macfie
Wirth, Hawaiian Ent. Soc. P. 12:492, 1946.
- DASYMUTILLA Ashm. - CALIFORNIA
n Barr & Hurd, Pan-Pac. Ent. 23:85-90, 1947.
- DASYMUTILLA GLORIOSA (Sauss.)
i Cassell, Nat. Hist. 55:234-235, 1946.
- DASYMUTILLA LEPELETIERII (Fox)
Shappirio, Bklyn. Ent. Soc. B. 42:163, 1947.
- DASYMUTILLA NIGRIPES (F.)
Shappirio, Bklyn. Ent. Soc. B. 42:163, 1947.
- DASYMUTILLA OBSCURA (Blake)
Shappirio, Bklyn. Ent. Soc. B. 42:162-163, 1947.
- DASYNEURA LEGUMINICOLA (Lint.) (CLOVER SEED MIDGE)* (CLOVER FLOWER MIDGE)
Drake, Iowa Dept. Agr. YB 47:149, 1947.
Manson et al., Can. Ins. Pest Rev. 24: 94, 1946.
Underhill & Bodenstein, Va. TB 97: 11, 1946.
- DASYNEURA LEGUMINICOLA - CONTROL, CULTURAL
i Creel & Rockwood, USDA FB 971 rev., 9 p., 1947.
- DASYNEURA MALI Kieff. (APPLE LEAF-CURLING MIDGE)
Dewey, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:6, 1945.
Dewey, N. Y. St. Hort. Soc. P. 90:35-36, 1945, 92:59, 1947.
- DASYNEURA RHODOPHAGA (Coq.) (ROSE MIDGE)*
i Cummings, Amer. Nurserym. 84(11): 16, 1946.
Kelper, Amer. Rose Mag. 6:396-397, 1946.
Wildon, Mich. Sp. B. 222 rev.:20, 1946.
- DATANA Wlkr.
Dean et al., Kans. Ent. Soc. J. 18:93, 1945.
- DATANA ANGUSII Grote & Rob.
Beckwith, N. J. Dept. Agr. C. 356:47, 1945.
Beckwith, USDA FB 1951 rev.:36, 1946.
- DATANA INTEGERRIMA Grote & Rob. (WALNUT CATERPILLAR)*
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:30, 1945.
i Baerg & Lincoln, Ark. Ext. C. 448: 4-5, 1947.
Bissell & Firor, Ga. Ext. B. 501 rev.: 21, 1947.
i Boyd, N. J. Dept. Agr. C. 355:30-31, 1945.
Houser, Amer. Fruit Grow. 67(6):17, 1946.
Lounsberry, Iowa St. Hort. Soc. Trans. 81:258, 1946.
i Phillips & Cole, Fla. B. 411 rev.: 21-22, 1947.
Sheppard, Can. Ins. Pest Rev. 24:52, 1946.
Smith et al., Kans. Ent. Soc. J. 20:57, 1947.
Thompson, Can. Ins. Pest Rev. 24:41, 1946.
Watson, Can. Ins. Pest Rev. 24:65, 1946; 25:66, 1947.
Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 29, 1946.
Watson & Raizenne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 36, 1947.

- DATANA INTEGERRIMA**--Continued.
Wressell, Can. Ins. Pest Rev. 24:58, 1946.
- DATANA MINISTRA (Drury) (YELLOW-NECKED CATERPILLAR)***
i Boyd, N. J. Dept. Agr. C. 355:32-33, 1945.
Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:39, 1946.
Bradley, Can. Ins. Pest Rev. 24:63, 1946.
Lathrop, Maine Ext. B. 274 rev., 14, 18, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 711:46, 1947.
Talbert, Gen. Hort.:193-194, 1946.
Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:31, 1946.
- DATANA MINISTRA - PARASITES**
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:14, 1946.
- DATE INSECTS**
Barnes & Lindgren, Date Grow. Inst. R. 23:34-35, 1946; 24:3-4, 1947.
Nixon, USDA C. 728:38-39, 1945.
- *DATE MITE, see PARATETRANYCHUS SIMPLEX (Banks)**
- DATE STONE BEETLE, see COCCOTRYPES DACTYLIPERDA (F.)**
- *DATEBUG, see ASARCOPUS PALMARUM Horv.**
- DEATH WATCH BEETLE, see XESTOBIUM RUFOVILLOSUM (Deg.)**
- DECADARCHIS sp.**
Swzey, Hawaiian Ent. Soc. P. 13:11, 1947.
- DECTES SPINOSUS (Say)**
i Knoll, Ohio Biol. Surv. B. 39:251, 1946.
- DEER - PESTS**
b Cowan, Can. J. Res. Sect. D 24:72-79, 88-89, 1946.
bi Shaw, Oreg. TB 11:5, 15, 1947.
- DEER BOTFLY, see CEPHENEMYIA JELLISONI Towns.**
- DEER FLIES, see CHRYSOPS Meig.**
- DEER WARBLE FLY, see HYPODERMA DIANA Brauer**
- DEGEERIELLA CAMERATA (Nitz.)**
Edminster, Ruffed Grouse:248, 1947.
- DEHYDRATED FOOD INSECTS, see DRIED FOOD INSECTS**
- DEINOCERITES CANCER Theob. (CRAB-HOLE MOSQUITO)***
Pritchard et al., Fla. Ent. 30:13, 1947.
- DELEASTRO DICHROUS Grav. - ONTARIO**
MacNay, Can. Ent. 77:213, 1945.
- DELOMERISTA DIPRIONIS Cushman.**
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:13, 1947.
- DELOUSING**
Ortiz-Mariotte et al., Amer. J. Pub. Health 35:1191-1195, 1945.
Payne et al., Reunion Interamer. del Tifo Pub. Ofic. 1:257-265, 1947.
i Richardson, Pests 15(9):20, 22, 1947.
i Riehl, Pest Control & Sanit. 1(7):28-30, 1946.
- DELOUSING--Continued.**
i Soper et al., Reunion Interamer. del Tifo Pub. Ofic. 1:441-451, 1947.
i USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:51-55, 1946.
i U. S. War Dept. TB Med 194(PB-2436):4-8, 1945.
- DELOUSING, see also DISINFESTATION; LICE; PEDICULUS HUMANUS; PHTHIRUS PUBIS**
- DELOUSING STATIONS**
i Latta et al., USDA C. 745:36-40, 1945.
- DELPHACODES Fieb.**
ni Beamer, Kans. Ent. Soc. J. 19:139-144, 1946; 20:58-71, 1947.
- DELPHACODES CAMPESTRIS (Van D.) & MOSAIC OF WHEAT**
Johnson, Ohio J. Sci. 45:89-90, 95, 1945.
- DELPHASTUS PALLIDUS (Lec.)**
Osorio, Control de Plagas 8 [i.e. 7]. 73, 1945; 8:61, 1946.
- DELPHASTUS PUSILLUS (Lec.)**
Osorio, Control de Plagas 8:61, 1946.
- DELPHASTUS PUSILLUS - LARVAE**
i Rees, Ent. Soc. Wash. P. 50:231-234, 1947.
- DELPHINIUM INSECTS**
Leonian, Amer. Delphinium Soc. Delphinium:20-22, 1946.
MacAndrews, Amer. Delphinium Soc. Delphinium:9-15, 1945.
- DELTOCEPHALUS FLAVICOSTA (Stal)**
Scaramuzza, In Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
- DEMODEX Owen**
i Coffin, Man. Vet. Clin. Path. rev.:60, 1945.
- DEMODEX BOVIS Stiles (CATTLE FOLLICLE MITE)***
i Baker, N. Y. St. Vet. Col. Vet. Expt. Sta. Parasit. Lab., Barn Itch:18-23, 1946.
Telford, J. Ec. Ent. 40:920, 1947.
- DEMODEX CANIS Leydig (DOG FOLLICLE MITE)***
Davidson, Vet. Med. 40:377-378, 1945.
i Olson, Pest Control & Sanit. 1(4):27, 1946.
b Roark, USDA EPQ E-655:10, 1945.
- DEMODEX FOLLICULORUM (Simon) (FOLLICLE MITE)***
Cameron, Parasites of Man ed. 2:120, 124, 1946.
bi Gonzales Alvarez, Vet. Med. 42:414-417, 1947.
- DEMODEX PHYLLOIDES Csokor (HOG FOLLICLE MITE)***
i Muma, Neb. Ext. C. 1548 rev.:2-4, 1947.
- DENDROBIUM WEEVIL, see DIORYME-RELLUS LAEVIMARGO Champ.**
- DENDROCTONUS Er.**
Annand, USDA EPQ R. f. 1946/47:15.
Biggar, For. Situation in Cal.:32-36, 1945.
Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:43, 1945.

- DENDROCTONUS sp.**
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 57, 1947.
- DENDROCTONUS BOREALIS Hopk.**
(ALASKA SPRUCE BEETLE)*
(WESTERN SPRUCE BARK BEETLE)
Hopping, Can. Dept. Agr. Div. Ent. Processed Pub. 49:3-8, 1946.
- DENDROCTONUS BREVICOMIS Lec.**
(WESTERN PINE BEETLE)*
Annand, USDA EPQ R. f. 1943/44:6-7.
DeGryse, For. Ent. in Can.:3, 1947.
Furniss & Strubble, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:20-21, 1946.
Hall, Timberm. 48(2):54,62, 1946.
Miller, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:14, 1945.
Sand & Bryan, USDA FB 1989:28, 1947
Cal. Dept. Nat. Resources Div. For. , For. Ins. Conditions in Cal. during 1946:8, 1947.
- DENDROCTONUS BREVICOMIS - CONTROL - SANITATION CUTTING**
Annand, USDA EPQ R. f. 1945/46:21, 1947.
i Bongberg, Timberm. 48(7):128-130, 1947.
Hall, West. For. & Conserv. Assoc. P. 35:25-26, 1945?
- DENDROCTONUS BREVICOMIS - LOSSES CAUSED BY**
Bongberg, Timberm. 48(7):129-130, 1947
Hall, West. For. & Conserv. Assoc. P. 35:26, 1945?
- DENDROCTONUS BREVICOMIS & SILVICULTURE**
b Keen, Pan-Pac. Ent. 22:2-6, 1946
- DENDROCTONUS ENGELMANNI Hopk.**
(ENGELMANN SPRUCE BEETLE)*
Anderson, USDA R. Sec. f. 1947:140.
Annand, USDA EPQ R. f. 1944/45:20, 33, f. 1945/46:30; f. 1946/47:34.
Wygant, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:14, 1945.
- DENDROCTONUS ENGELMANNI - LOSSES CAUSED BY**
Anderson, USDA R. Sec. f. 1946:147.
i Bloch, Timberm. 48(2):45,102-103, 1946.
- DENDROCTONUS ENGELMANNI - OUT-BREAKS**
i Spencer, Green Thumb 2(1):9-11, 1945.
- DENDROCTONUS ENGELMANNI - SPRAYS**
Massey, Rocky Mountain Conf. Ent. R. 18:6, 1947.
- DENDROCTONUS ENGELMANNI - SPRAYS - DDT**
Craighead & Brown, USDA EPQ E-649: 4, 1945.
- DENDROCTONUS FRONTALIS Zimm.**
(SOUTHERN PINE BEETLE)*
i Anderson, Tex. For. Serv. B. 33:2-6, 1947?
- DENDROCTONUS FRONTALIS--Continued.**
Barnhill, Ala. Ext. Handb. Ala. Agr. ed. 4:221-222, 1947.
i Beal & Massey, Duke Univ. School For. B. 10:82-85, 1945.
i Flory et al., S. C. Ext. B. 107:26-27, 1947. (Repr.)
i Fronk, Va. TB 108,12 p., 1947.
i O'Byrne, Va. Ext. C. 403:1-5, 1946.
i Sand & Bryan, USDA FB 1989:28, 1947
Underhill & Fronk, Va. R. f. 1946/47: 33.
Upton, Tex. Acad. Sci. P & Trans 28: 100-101, 1945. (Abs.)
- DENDROCTONUS FRONTALIS - LOSSES CAUSED BY**
b Hoffmann & Anderson, J. For. 43: 436-439, 1945
- DENDROCTONUS FRONTALIS - PARASITES & PREDATORS**
i Fronk, Va. TB 108:9-11, 1947.
- DENDROCTONUS JEFFREYI Hopk.**
(JEFFREY PINE BEETLE)*
Patterson, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:14, 1945.
Cal. Dept. Nat. Resources Div. For. , For. Ins. Conditions in Cal. during 1946:9, 1947
- DENDROCTONUS MONTICOLAE Hopk.**
(MOUNTAIN PINE BEETLE)*
Anderson, USDA R. Sec. f. 1947:140
Annand, USDA EPQ R. f. 1944/45:7-8, f. 1945/46:21,30-31; f. 1946/47:34.
DeGryse, For. Ent. in Can.:3, 1947.
Evenden & Strubble, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:13-14, 1945.
Furniss & Strubble, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:20, 1946.
Gardiner, Can. Min. Agr. R. f. 1945/46:75; f. 1946/47:93-94.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:64, 1945; f. 1945:62, 1946; f. 1946:79-80, 1947.
Mathers, Can. Ins. Pest Rev. 24:120, 1946
Richmond, Can. Ins. Pest Rev. 25:73, 1947.
Sand & Bryan, USDA FB 1989:28, 1947.
Cal. Dept. Nat. Resources Div. For., For. Ins. Conditions in Cal. during 1946:9, 1947
- DENDROCTONUS MONTICOLAE - LOSSES CAUSED BY**
b Hopping & Mathers, For. Chron. 21: 98-99, 1945.
- DENDROCTONUS MONTICOLAE - OUT-BREAKS - WESTERN CANADA**
b Hopping & Mathers, For. Chron. 21: 98-108, 1945.
- DENDROCTONUS MONTICOLAE & SILVICULTURE**
Hopping, Can. Dept. Agr. Div. Ent. Processed Pub. 49:1-8, 1946.
b Hopping & Mathers, For. Chron. 21: 103-108, 1945.

- DENDROCTONUS MURRAYANAE** Hopk.
(**LODGEPOLE-PINE BEETLE**)*
Watts, USDA FS R. f. 1947:27.
- DENDROCTONUS OBESUS** (Mann.)
(**SITKA-SPRUCE BEETLE**)*
Anderson, USDA R. Sec. f. 1947:140.
Annand, USDA EPQ R. f. 1946/47:34.
- DENDROCTONUS PICEAPERDA** Hopk.
(**EASTERN SPRUCE BEETLE**)*
Atwood, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:8, 1945.
DeGryse, For. Ent. in Can.:4, 1947.
Harrison, N. S. Dept. Lands & For. R.
f. 1944:36, 1945.
Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:36, 1947.
Kennedy, Ont. Royal Comn. For. R. f.
1947:117.
Lévesque, For. Québécoise 11:529,
1946.
Reeks, Can. Ins. Pest Rev. 24:26, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:6, 1945; f.
1945:10, 1946.
- DENDROCTONUS PONDEROSAE** Hopk.
(**BLACK HILLS BEETLE**)*
Annand, USDA EPQ R. f. 1945/46:30,
f. 1946/47:34.
Poyner, Colo. Bur. Plant & Ins. Control
R. f. 1945/46:24-25.
Wygant, USDA EPQ Ins. Pest Surv.
Sum. of Ins. Conditions in 1944:14,
1945.
- DENDROCTONUS PONDEROSAE - CONTROL - SANITATION CUTTING**
Gates, Rocky Mountain Conf. Ent. R.
18.7, 1947.
- ***DENDROCTONUS PSEUDOTSUGAE**
Hopk. (**DOUGLAS-FIR BEETLE**)*
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1946:80, 1947.
Leech, Can. Ins. Pest Rev. 25 63, 1947.
Cal. Dept. Nat. Resources Div. For.,
For. Ins. Conditions in Cal. during
1946:10, 1947.
- DENDROCTONUS PSEUDOTSUGAE - PREDATORS**
i Hopping, Can. Ent. 79 150-153, 1947.
- DENDROCTONUS SIMPLEX** Lec. (**EASTERN LARCH BEETLE**)*
Graham, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Parasites.63-65, 1947.
McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
57, 1947.
- DENDROCTONUS TEREBRANS** (Oliv.)
(**BLACK TURPENTINE BEETLE**)*
i Anderson, Tex. For. Serv. B. 33:7-8,
1947?
i Beal & Massey, Duke Univ. School
For. B. 10:80-81, 1945.
O'Byrne, Va. Ext. C. 403:1-4,7, 1946.
- DENDROCTONUS VALENS** Lec. (**RED TURPENTINE BEETLE**)*
i Anderson, Tex. For. Serv. B. 33:7-8,
1947?
Beal & Massey, Duke Univ. School For.
B. 10:81-82, 1945.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:66, 1945.
- DENDROCTONUS VALENS**--Continued.
Weidman & Robbins, J. For. 45:428,
431-433, 1947.
- DENDROCTONUS VALENS - GENITALIA - MALE**
i Bruhn, Great Basin Nat. 8:21, 1947.
- DENDROLAELAPS** sp.
Fronk, Va. TB 108:10, 1947.
- DENDROSOTER INTEGER** Mues.
Barr, Pan-Pac. Ent. 23:58, 1947.
- DENDROTETIX QUERCUS** Pack.
(**POST-OAK LOCUST**)
Rehn, Ent. News 57 147-148, 1946.
- DENDRYPHANTES** sp.
Fautin, Ecol. Monog. 16.269,273, 1946.
- DENGUE**, see under genera **AEDES**;
ARMIGERES, **CULEX**; and **MOSQUITOES & DISEASE - DENGUE**
- ***DEPLUMING MITE**, see **CNEMIDOCOPES GALLINAE** (Rall.)
- DEPRESSARIA HERACLIANA** (L.)
(**PARSNIP WEBWORM**)*
Cannon, Can. Ins. Pest Rev. 24 10,
1946.
MacNay, Can. Ins. Pest Rev. 25.120,
1947.
Parks & King, Ohio Ext. B. 76 rev.:
30, 1947.
Ward, B. C. Dept. Agr. R. 40.V78,
1946.
- DERAEOCORIS APHIDIPHAGUS** Kngt.
Peterson, Can. Ins. Pest Rev. 25:64,
1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
- DERAEOCORIS BREVIS** (Uhl.) - **PREY**
Knowlton, Bklyn. Ent. Soc. B. 41.100-
101, 1946.
- DERANCISTRUS TASLEI** Buq.
i Knull, Ohio Biol. Surv. B. 39.144,
1946.
- DERANCISTRUS THOMAE** (L.)
i Martorell, P. R. Univ. J. Agr. 29:
437-439, 1945.
- DERIBIDAE**
Metcalf, in Horváth et al., Gen. Cat.
Hemiptera Fasc. IV, Pt. 4,p.1-212,
1945.
- DERMACENTOR KOCH & ROCKY MOUNTAIN SPOTTED FEVER**
b Meade, Va. Med. Month. 73.216-218,
1946.
- DERMACENTOR ALBIPICTUS** (Pack.)
(**WINTER TICK**)* (**BROWN WINTER TICK**) (**WINTER HORSE TICK**)
i Baker, Cornell Vet. 36:86,88, 1946.
Bishopp & Trembley, J. Parasit. 31:
13-14,17-19, 1945.
Curran, Nat. Hist. 54:214, 1945.
Gregson, Can. Ins. Pest Rev. 24:129,
1946.
Gregson & Manson, Can. Ins. Pest Rev.
25:116, 1947.
Hixson, Okla. Ext. C. 387 rev.:28-29,
1946.
MacEwan & Ewen, Sci. & Pract. Can.
Anim. Husb. rev.:330-331, 1945.
Portman, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:50, 1946.
Preston, B. C. Dept. Agr. R. 40:V125,
1946.

- DERMACENTOR ALBIPICUS - DEER**
Cowan, Can. J. Res. Sect. D 24:73-74, 88-89, 1946.
- DERMACENTOR ALBIPICUS - INSECTICIDES**
Annand, USDA EPQ R. f. 1943/44.22, f. 1944/45.10, f. 1946/47 20.
b Roark, USDA EPQ E-655 4-5, 1945.
- DERMACENTOR ALBIPICUS - INSECTICIDES - DDT**
Dove, USDA EPQ E-673.11, 1945.
Parish & Rude, J. Ec. Ent. 39 92-93, 1946.
Parrish & Rude, Sheep & Goat Raiser 27(2).21,25, 1946.
Telford & Guthrie, Agr. Chem. 1(3). 31, 1946.
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65 12, 1947.
- DERMACENTOR ALBIPICUS - INSECTICIDES - DDT & PINE OIL**
Schwartz et al., U. S. Livestock Sanit. Assoc. R. 98, 1947.
- DERMACENTOR ALBIPICUS & DIS-EASE**
Miller, Cornell Vet. 37 122,124, 1947.
- DERMACENTOR ALBIPICUS & ROCKY MOUNTAIN SPOTTED FEVER**
Humphreys, Can. J. Compar. Med. 11: 191, 1947.
- DERMACENTOR ANDERSONI Stiles (ROCKY MOUNTAIN WOOD TICK)* (WOOD TICK)**
i Baker, Cornell Vet. 36:88, 1946.
Bishopp & Trembley, J. Parasit. 31 14-17, 1945.
Gregson, Can. Ins. Pest Rev. 24 129, 1946.
Gregson & Manson, Can. Ins. Pest Rev. 25 116, 1947.
Gunn, B. C. Dept. Agr. R. 40 V116, 1946.
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev. 330-331, 1945.
i Macquarrie, in Brown, Outdoors Unlimited:64-68, 1947.
Manson et al., Can. Ins. Pest Rev. 24. 103, 1946.
Ward, B. C. Dept. Agr. R. 41 W110, 1947.
- DERMACENTOR ANDERSONI - FEEDING HABITS & MATING**
i Gregson, B. C. Ent. Soc. P. 43:3-6, 1947.
- DERMACENTOR ANDERSONI - INSECTICIDES**
Gardiner, Can. Min. Agr. R. f. 1945/46.16.
Gregson, Can. Ent. 78:201-202, 1946.
Jachowski & Schultz, U. S. Navy BUMED News Let. 10(1).20-21, 1947.
- DERMACENTOR ANDERSONI - INSECTICIDES - DDT**
Harney, Natl. Wool Grow. 36(6):17-18, 1946.
Manis et al., Ida. B. 269:30, 1947.
Shull et al., Ida. B. 268.38, 1946.
i Shull et al., Ida. Ext. C. 92,3 p., 1946.
- DERMACENTOR ANDERSONI - REPELLENTS**
Brennan, U. S. Pub. Health Rpts. 62: 1162-1165, 1947.
- DERMACENTOR ANDERSONI - TOXIC EFFECT OF MAN**
Brennan, J. Parasit. 33:491-494, 1947.
- DERMACENTOR ANDERSONI & COLORADO TICK FEVER**
Florio et al., J. Expt. Med. 83 295, 1946.
b Florio et al., Amer. J. Pub. Health 37.293-297, 1947.
Floris, Pest Control & Sanit. 2(1) 15, 1947.
- DERMACENTOR ANDERSONI & DIS-EASE**
Miller, Cornell Vet. 37 123,126-127, 1947.
- DERMACENTOR ANDERSONI & ENCEPHALOMYELITIS, EQUINE**
Hammon & Reeves, Amer. J. Pub. Health 35 997, 1945.
Reeves, U. S. Livestock Sanit. Assoc. P. 49-154, 1946.
- DERMACENTOR ANDERSONI & Q FEVER**
b Eklund et al., U. S. Pub. Health Rpts. 62 1413-1416, 1947.
- DERMACENTOR ANDERSONI & ROCKY MOUNTAIN SPOTTED FEVER**
i Baker, Hygeia 25 528-529,566, 1947.
Beach & Ravenel, S. C. Med. Assoc. J. 41 249, 1945.
Bow & Brown, Can. Med. Assoc. J. 53:459-462, 1945.
i Brecher & Brecher, Sci. Illus. 1(2). 60-61, 1946.
i Carter, Frontiers 9:132-134,160, 1945.
Curran, Nat. Hist. 54.283-284, 1945.
b Greeley, Med. Clin. N. Amer. [31]. 654-656, 1947.
Humphreys, Can. J. Compar. Med. 11 190-191, 1947.
Humphreys & Campbell, Can. J. Pub. Health 38 128-129, 1947.
Jellison, U. S. Pub. Health Rpts. 60 958-961, 1945.
Jones, Agr. Leaders' Digest 26(6) 31, 1945.
i MacArthur, Line. Sept./Oct. 1947. 18-20.
Topping, N. Y. St. J. Med. 47 1585-1586, 1947.
- DERMACENTOR ANDERSONI & TICK PARALYSIS**
b Bow & Brown, Can. Med. Assoc. J. 53:461-465, 1945.
Muth, N. Amer. Vet. 26:668, 1945.
bi Prince et al., J. Ped. 28:597-601, 1946.
Twinn, Can. Ins. Pest Rev. 23:7, 1945.
Twinn, Ent. Soc. Ont. R. 75:49, 1945.
- DERMACENTOR ANDERSONI & TULAREMIA**
b Bow & Brown, Can. Med. Assoc. J. 53:462-465, 1945.
Humphreys & Campbell, Can. J. Pub. Health 38:128, 1947.
- DERMACENTOR DISSIMILIS Cooley**
ni Cooley, Amer. Mus. Nov. 1332,3 p., 1947.
- DERMACENTOR ERRATICUS (Say)**
Miller, Cornell Vet. 37:122,124, 1947.

- DERMACENTOR HUNTERI Bishopp
Bishopp & Trembley, J. Parasit. 31.
25, 1945.
- DERMACENTOR NIGROLINEATUS
(Pack.), see DERMACENTOR AL-
BIPICTUS (Pack.)
- DERMACENTOR NITENS Neum. (TROPICAL HORSE TICK)*
Bishopp & Trembley, J. Parasit. 31
19-20, 1945.
- DERMACENTOR OCCIDENTALIS Neum.
(PACIFIC COAST TICK)*
Bishopp & Trembley, J. Parasit. 31.
20-21, 1945.
Furman, J. Ec. Ent. 40:672-673, 1947.
Linsdale, Cal. Ground Squirrel. 301-
302, 1946.
- DERMACENTOR OCCIDENTALIS &
ROCKY MOUNTAIN SPOTTED FE-
VER
Carter, Frontiers 9:134, 1945.
Curran, Nat. Hist. 54:283-284, 1945.
- DERMACENTOR PARUMAPERTUS
Neum.
Bishopp & Trembley, J. Parasit. 31
21-22, 1945.
- DERMACENTOR VARIABILIS (Sey)
(AMERICAN DOG TICK)* (EAST-
ERN DOG TICK)
Archer, Miss. Doctor 25:176-177,
1947.
Arnason et al., Can. Ins. Pest Rev. 25.
115, 1947.
i Baker, Cornell Vet. 36:88,90, 1946.
Bird & Mitchener, Can. Ins. Pest Rev.
24:73, 1946.
Bishopp & Trembley, J. Parasit. 31
22-25, 1945.
Bishopp et al., USDA EPQ E-454 2-4,
1946.
Curran, Nat. Hist. 54 215, 1945.
Flock, Ariz. St. Ent. R. f. 1944.22,
1945.
Lowry, Your Dog & Mine. 64, 1947.
b MacCreary, Del. B. 252:5-16,21-22,
1945.
Portman, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P 25 50, 1946.
bi Smith et al., USDA TB 905,74 p.,
1946.
Stearns, Del. B. 259.19-20, 1945, 263:
28, 1947.
- DERMACENTOR VARIABILIS - HOSTS
Anastos, Psyche 54 178-179, 1947.
Smith et al., USDA TB 905 40-42, 1946.
- DERMACENTOR VARIABILIS - INSEC-
TICIDES
Annand, USDA EPQ R. f. 1943/44:21;
f. 1944/45:9.
bi Glasgow & Collins, J. Ec. Ent. 39:
235-240, 1946.
Luttermoser, Pa. Univ. B. 47(28)
(School Vet. Med. Vet. Ext. Quart.
107):67, 1947.
b Roark, USDA EPQ E-655:5-6, 1945.
b Tauber et al., Iowa St. Col. J. Sci.
19:429-433, 1945.
- DERMACENTOR VARIABILIS - INSEC-
TICIDES - DDT
Bishopp et al., USDA EPQ E-454:3-4,
1946.
Dove, USDA EPQ E-673:9, 1945.
- DERMACENTOR VARIABILIS - INSEC-
TICIDES - DDT--Continued.
Gouck & Smith, J. Ec. Ent. 40:303-
304,308, 1947.
McCroan & Ramsey, Med. Assoc. Ga.
J. 36.242-244, 1947.
Sanders & Tissot, Fla. R. f. 1945/46
64.
Telford & Guthrie, Agr. Chem. 1(3)
31, 1946.
- DERMACENTOR VARIABILIS - NEW
HAMPSHIRE
Bequaert, Bklyn. Ent. Soc. B 42 141,
1947.
- DERMACENTOR VARIABILIS & DIS-
EASE
Miller, Cornell Vet. 37 122,124-128,
1947.
- DERMACENTOR VARIABILIS & EN-
CEPHALITIS
Hammon & Reeves, Amer. J. Pub.
Health 35 995, 1945.
- DERMACENTOR VARIABILIS & ROCKY
MOUNTAIN SPOTTED FEVER
i Archer, Ala. Conserv. 18(6) 8-9,
1946.
Beach & Ravenel, S. C. Med. Assoc.
J. 41 249, 1945.
i Bishopp et al., USDA EPQ E-454,
5 p., 1946.
Bow & Brown, Can. Med. Assoc. J.
53:460, 1945.
i Browne, Va. Wildlife 8(7).18-19,21,
1947.
i Carter, Frontiers 9 132-134, 1945.
Curran, Nat. Hist. 54 283-284, 1945.
Faust, Miss. Doctor 22:309, 1945.
Glasgow, N. Y. St. J. Med. 47 1595-
1596, 1947.
b Greeley, Med. Clin. N. Amer. [31]
654-656, 1947.
Humphreys, Can. J. Compar. Med. 11.
190-191, 1947.
Humphreys & Campbell, Can. J. Pub.
Health 38:126-129, 1947.
Jones, Agr. Leader's Digest 26(6) 31,
1945.
i MacArthur, Line, Sept./Oct. 1947
18-20.
b Miller, N. Y. St. J. Med. 47.1592-
1594, 1947.
Smillie, Pub. Health Adm. in U. S. ed.
3:177-178, 1947.
Topping, N. Y. St. J. Med. 47.1585-
1586, 1947.
- DERMACENTOR VARIABILIS & TICK
PARALYSIS
bi Prince et al., J. Ped. 28:597-601,
1946.
Stillier, Clin. P. Child. Hosp. Wash. 2.
266-268, 1946.
- DERMACENTOR VARIABILIS & TULA-
REMIA
Bell, J. Infect. Dis. 76:83-95, 1945.
Humphreys & Campbell, Can. J. Pub.
Health 38:128, 1947.
Jackson, Ind. St. Med. Assoc. J. 40:
874, 1947.
- DERMACENTOR VENUSTUS Banks, see
DERMACENTOR ANDERSONI
Stiles

- DERMANYSSUS AMERICANUS Ewing
Twinn, Can. Ins. Pest Rev. 25 114,
1947.
- DERMANYSSUS GALLINAE (Deg.)
(CHICKEN MITE)* (RED MITE OF
POULTRY)
i Cameron, Parasites of Man ed. 2
124-125, 1946.
Cannon, Can. Ins. Pest Rev. 25 118-
119, 1947.
Coffin, Man. Vet. Clin. Path. rev. 61,
1945.
i Conn, Handy Poult. Dis. Man 79-80,
1947.
i Gannon, Ga. Ext. B. 524 rev. 35-36,
1947.
James, Northeast. Poultrym. 43(5).13,
1945.
Lee, Profitable Poult. Mangt. rev .
238, 1947.
Manson et al , Can. Ins. Pest Rev. 24
102, 1946.
i Seiden, Poult. Handb. 312-313, 1947.
bi Wissman & Sulkin, Amer. J. Trop.
Med 27:463-469, 1947.
U S War Dept. TM 11-410 75, 1945
- DERMANYSSUS GALLINAE - CONTROL
Bushnell & Twiehaus, Kans B. 326
86-87, 1945.
i Clandinin, Alberta Ext B. 45 53-54,
1945.
Kaupp, Poult. & Rabbit Month 13(7)
5,8, 1945.
Levi, Making Pigeons Pay 223-224,
1946.
Lippincott & Card, Poult Parasites
rev 332-333, 1946.
Marsden & Martin, Turkey Mangt. ed.
4 654, 1946.
Mitchener, Manitoba Dept. Agr. & Im-
migr. Pub. 196 12, 1945.
Nisonger, in Davis et al , Livestock
Enterprises rev. 428, 1946.
- DERMANYSSUS GALLINAE - INSECTI-
CIDES
Alicata et al., Poult. Sci. 25:379-380,
1946.
Alicata et al., Hawaii R. f. 1944/46 99,
1947.
Gates, Neb. Acad. Sci. P 55 7, 1945.
(Abs.)
Gates, Neb. R. 59.63, 1946.
Hixson & Muma, J. Ec. Ent. 40:596-
598, 1947.
Hixson & Muma, Neb. R. 60:56, 1947.
James, Cackle & Crow 27(7).6, 1945.
b Roark, USDA EPQ E-655.3, 1945.
- DERMANYSSUS GALLINAE - INSECTI-
CIDES - DDT
Telford & Guthrie, Agr. Chem. 1(3):
30-31, 1946.
- DERMANYSSUS GALLINAE - REARING
Wissemann & Sulkin, J. Bact. 50:128,
1945. (Abs.)
- DERMANYSSUS GALLINAE & DERMA-
TITIS
b Knotts, Med. Univ. School Med. B.
29.207-209, 1945.
- DERMANYSSUS GALLINAE & ENCEPHA-
LITIS
Hammon & Reeves, Amer. J. Pub.
Health 35:996, 1945.
- DERMANYSSUS GALLINAE & ENCEPHA-
LITIS--Continued.
Hammon et al., J. Expt. Med. 83 182,
1946.
Smith et al , J. Expt. Med. 84 1-6,
1946, 86.229-237, 1947.
- DERMANYSSUS GALLINAE & ENCEPHA-
LITIS GROUP
Hammon & Reeves, Amer. J. Hyg. 46
328,332-334, 1947.
- DERMANYSSUS GALLINAE & ENCEPHA-
LOMYELITIS, EQUINE
b Hammon & Reeves, J. Expt. Med
83 163-173, 1946.
Reeves, U. S. Livestock Sanit. Assoc.
P. 49 153-154, 1946.
Sulkin, Science 101 381-383, 1945.
- DERMAPTERA
i Mallis, Handb. of Pest Control 93-
97, 1945.
Roark, USDA EPQ E-656 2, 1945.
Roark & McIndoo, USDA EPQ 687 29,
1946.
Wallace, Utah Gard., Aug. 1947 17.
Ward, B C Dept. Agr. R 40 V79,
1946. 41 W109, 1947.
- DERMAPTERA - GENERA & SUB-
GENERA
Townes, Ent Soc. Amer Ann 38 343-
356, 1945.
- DERMAPTERA - THERAPEUTIC USE
b Weiss, N Y Ent. Soc. J. 55 157,
1947.
- DERMATOBIA HOMINIS (L., Jr.) (HU-
MAN BOT FLY)* (NEOTROPICAL
BOT FLY) (NUCHE FLY) (TORSAL-
LO FLY)
b Squibb, J. Anim. Sci. 4 291, 1945.
- DERMATOBIA HOMINIS & MYIASIS
i James, USDA Misc. Pub 631 100-
104, 1947.
- DERMATOCOPTES Fuerst., see PSO-
ROPTES Gerv.
- DERMATOPHAGOIDES CRASSUS (Can.) -
RATS
i Thurman & Mulrennan, J. Ec. Ent.
40 591-592, 1947.
- DERMESTES L. - LARVAE - TAXONO-
MY
bik Rees, Ent. Soc. Wash. P. 49.1-14,
1947.
- DERMESTES ATER Deg. (BLACK LARD-
ER BEETLE)* (INCINERATOR
BEETLE)
Eddy, R. I. Dept. Agr. & Conserv. R.
10:49, 1945.
Gray, Pests 15(8) 8, 1947.
Jensen & Holdaway, Hawaii R. f.
1942/44:75-76, 1945.
Jensen & Holdaway, J. Ec. Ent. 39:
283-286, 1946.
bi Johnson, Conn. B. 488-411-415,
1945.
Mallis, Pest Control & Sanit. 1(8).9,
1946.
Monro & Delisle, Sci. Agr. 25:797-
816, 1945; abridged in Pests 14(9):
14.16-17.20-22, 1946.
Trullinger et al., USDA OES R. f.
1945/46:113, 1947.
- DERMESTES ATER - LARVAE
Rees, Ent. Soc. Wash. P. 49:10, 1947.

DERMESTES CADAVERINUS F., see

DERMESTES ATER Deg.
DERMESTES CANINUS Germ.

Rees, Ent. Soc. Wash. P. 49:13-14,
1947.

**DERMESTES LARDARIUS L. (LARDER
BEETLE)***

Arnason et al., Can. Ins. Pest Rev.
25:123, 1947.

Bird & Mitchener, Can. Ins. Pest Rev.
24:73, 1946.

Dean, Kans. Ent. Soc. J. 18:84, 1945.

Eddy R. I. Dept. Agr. & Conserv. R.
10:49, 1945.

Gray, Can. Food Packer 17(11):27-29,
1946.

Gray, Pests 15(8):8,14, 1947.

Mallis, Pest Control & Sanit. 1(8):9,
1946.

Michelbacher, Pests 15(6):12, 1947.

Mitchener, Manitoba Dept. Agr. &
Immigr. Pub. 213:4-6, 1947.

i Thompson, Can. Dairy & Ice Cream
J. 25(5):64, 1946.

**DERMESTES LARDARIUS - INSECTI-
CIDES**

Davis, J. Ec. Ent. 39:61, 1946.

Srivastava & Wilson, J. Ec. Ent. 40.
569-571, 1947.

DERMESTES LARDARIUS - LARVAE

Rees, Ent. Soc. Wash. P. 49:10-11,
1947.

DERMESTES MACULATUS Deg. (**HIDE
BEETLE**)*

Gray, Can. Food Packer 17(11):27-29,
1946.

Gray, Pests 15(8) 8, 1947.

Jensen & Holdaway, Hawaii R. f.
1942/44:75-76, 1945.

Mallis, Pest Control & Sanit. 1(8):9,
1946.

Michelbacher, Mod. Packaging 20(5):
172, 1947.

Michelbacher, Pests 15(6):12, 1947.

**DERMESTES MACULATUS - CLEANING
MUSEUM SKELETONS**

Russell, J. Mammal. 28:284-287, 1947.

**DERMESTES MACULATUS - INSECTI-
CIDES - DDT**

Jensen & Holdaway, J. Ec. Ent. 39.
283-286, 1946.

Trullinger et al., USDA OES R. f.
1945/46:113, 1947.

DERMESTES MACULATUS - LARVAE

Rees, Ent. Soc. Wash. P. 49:13, 1947.

DERMESTES MACULATUS - NUTRITION

Fraenkel, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:2, 1947.

DERMESTES MARMORATUS Say

Fautin, Ecol. Monog. 16:270, 1946.

Rees, Ent. Soc. Wash. P. 49:10, 1947.

**DERMESTES MARMORATUS - CLEAN-
ING MUSEUM SKELETONS**

Hardy, Turtox News 23:69-70, 1945.

Hull, Vet. Med. 41:107, 1946.

DERMESTES TOMENTOSUS Deg. (**not
F.**), **see** **BYTURUS TOMENTOSUS**
(**Deg.**)

**DERMESTES VULPINUS F., see DER-
MESTES MACULATUS** Deg.

DERMESTIDAE

Callenbach, Mont. Ext. Ser. A-48,
2 p., 1945.

i Mallis, Handb. of Pest Control:236-
258, 1945.

Osorio, Control de Plagas 8.133,136,
1946.

DEROCERAS spp., see under SLUGS

DEROSPIDEA BREVICOLLIS (Lec.)

Wressell, Can. Ins. Pest Rev. 24.59,
1946.

DEROSTENUS sp. - GOLDENROD

Hoffmann, J. Ec. Ent. 38:357, 1945.

***DESERT CORN FLEA BEETLE, see
CHAETOCNEMA ECTYPA** Horn

DESMIA FUNERALIS (Hbn.) (**GRAPE
LEAF FOLDER**)*

Dickey et al., Fla. B. 436:41, 1947.

Filinger, Kans. C. 235:37, 1946.

Fleming, USDA EPQ E-724.12, 1947.

Jacob et al., Cal. Ext. C. 116 rev.:70,
1947.

i Talbert, Gen. Hort.:192, 1946.

DESMOCERUS PALLIATUS (Forst.)

i Knoll, Ohio Biol. Surv. B. 39 185,
1946.

DESMORIS CONSTRICTUS (Say), D.
FULVUS (Lec.)

b Satterthwait, J. Ec. Ent. 39:787-
792, 1946.

DEUTEROPHLEBIIDAE

bni Pennak, Amer. Mus. Nov. 1276,
10 p., 1945.

Pennak, Colo.-Wyo. Acad. Sci. J. 3
(3/4):26, 1946. (Abs.)

***DEVASTATING GRASSHOPPER, see
MELANOPLUS MEXICANUS**

DEVASTATOR Scudd.

DIABROTICA Chevrr.

Barber, Ent. Soc. Wash. P. 49:151-
153, 1947.

DIABROTICA - INSECTICIDES

Stearns et al., J. Ec. Ent. 40:81-82,
1947.

DIABROTICA BALTEATA Lec. (**BANDED
CUCUMBER BEETLE**)*

Kelshelmer, Fla. R. f. 1946/47:126.

Wene, J. Ec. Ent. 40:675,677-679,
1947.

Wolfenbarger, Fla. R. f. 1946/47:250.

Wylie, Fla. St. Hort. Soc. P. 59:91,
1946.

DIABROTICA BIVITTATA F.

Jones & Plank, P. R. (Mayaguez) R. f.
1945:21-22, 1946.

DIABROTICA DUODECIMPUNCTATA
(F.), **see** **DIABROTICA UNDECIM-
PUNCTATA** HOWARDI Barber

DIABROTICA FILICORNIS Horn

Flock, Ariz. St. Ent. R. f. 1944:15,
1945.

DIABROTICA INNUBA (F.)

Osorio, Control de Plagas 8:72-73,
1946.

DIABROTICA LONGICORNIS (Say) (**CORN
ROOTWORM**)* (**NORTHERN CORN
ROOTWORM**)

Blissell & Dupree, Ga. B. 254:12, 1947.

Buchanan et al., Iowa R. f. 1946/47,
pt. 2:328.

- DIABROTICA LONGICORNIS**--Continued.
Davis, Ind. Acad. Sci. P. 56:149, 1947?
i Muma, Neb. Ext. C. 1537:9, 1946.
Smith et al., Kans. Ent. Soc. J. 20:51,
58, 1947.
Stewart, Seed World 57(5):42, 1945.
Stirrett, Can. Ins. Pest Rev. 25:20,
1947.
Tate, Neb. St. Bd. Agr. R. f. 1945:197.
Tate & Bare, Neb. R. 59:59-60, 1946.
Wressell, Can. Ins. Pest Rev. 24:55,
1946.
- DIABROTICA LONGICORNIS - CONTROL**
Hixson et al., Neb. R. 60:52-53, 1947.
Lincoln & Miner, Ark. Ext. C. 437:9,
1945.
- DIABROTICA LONGICORNIS - CON-
TROL, CULTURAL**
Jardine et al., USDA OES R. f.
1944/45:53, 1946.
bi Tate & Bare, Neb. B. 381:3-10, 12,
1946.
Tate & Gates, Neb. R. 58:58-59, 1945.
- DIABROTICA LONGICORNIS - INSECTI-
CIDES**
Bigger et al., Rocky Mountain Conf.
Ent. R. 18:9, 1947.
i Muma, Irrig. Farm. 5(5) 1:4, 1947.
- DIABROTICA LONGICORNIS - TENNES-
SEE**
i Scott, J. Ec. Ent. 39:402, 1946.
- DIABROTICA MAULIKI** Barber
Barber, Ent. Soc. Wash. P. 49:153,
1947.
- DIABROTICA SOROR** Lec., see DIA-
BROTICA UNDECIMPUNCTATA
Mann.
- DIABROTICA TRIVITTATA** (Mann.), see
ACALYMMA TRIVITTATA (Mann.)
- DIABROTICA UNDECIMPUNCTATA** Jac
(not Mann.), see **DIABROTICA
MAULIKI** Barber
- DIABROTICA UNDECIMPUNCTATA**
Mann. (WESTERN SPOTTED CU-
CUMBER BEETLE)*
Jones et al., Oreg. C. Inform. 406:2,
1947.
i Lange, Spreckels Sugar Beet Bul. 11.
2, 1947.
Smith, Cal. Ext. C. 46 rev.:43-44,
1947.
- DIABROTICA UNDECIMPUNCTATA -
BEANS**
Robinson, Oreg. C. Inform. 413:2,
1947.
- DIABROTICA UNDECIMPUNCTATA -
INSECTICIDES**
Childs et al., Oreg. Ext. B. 664:4,
1946.
Gray & Schuh, Oreg. Seed Grow.
League P. Ann. Mtg. 4:47, 1945.
Lange & Herbert, in Cal. Agr. Expt.
Sta. Invest. with DDT in Cal. 1944:
27-28, 1945.
Lange et al., in Cal. Dept. Agr. Expt.
Sta. Invest. with DDT in Cal. 1944:
19-20, 1945.
Smith, in Cal. Agr. Expt. Sta., Invest.
with DDT in Cal. 1944:8, 1945.
- DIABROTICA UNDECIMPUNCTATA -
INSECTICIDES - DDT**
Besse, Oreg. C. Inform. 353:4, 1945.
- DIABROTICA UNDECIMPUNCTATA -
INSECTICIDES - DDT**--Continued.
Romney et al., USDA EPQ E-672:2,
12, 1945.
- DIABROTICA UNDECIMPUNCTATA -
PEACHES**
Jones, Oreg. C. Inform. 414:1 p., 1947.
Robinson, Oreg. C. Inform. 412:3,
1947.
- DIABROTICA UNDECIMPUNCTATA &
POLLINATION - GUAYULE**
Gardner, Amer. Soc. Agron. J. 39
227-233, 1947.
- DIABROTICA UNDECIMPUNCTATA
HOWARDI** Barber (SOUTHERN
CORN ROOTWORM, SPOTTED
CUCUMBER BEETLE)* (CORN
BUDWORM)
Annand, USDA EPQ R. f. 1945/46:5.
ni Barber, Ent. Soc. Wash. P. 49:153,
1947.
Bryson, Kans. Bien. R. 13:63, 1946.
Flock, Ariz. St. Ent. R. f. 1944:16,
1945.
Grayson, Va. R. f. 1946/47:32
i Haseman, Mo. B. 391 ed. 2:6-7, 1946.
Hertel, Cal. Citrog. 31:399, 1946.
Houser, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:81, 1946.
Larrimer, USDA FB 1714 rev. 25,
1946.
i Lincoln & Miner, Ark. Ext. C. 437
7-8, 1945.
i Muma, Neb. Ext. C. 1537:9-10, 1946.
Smith et al., Kans. Ent. Soc. J. 19:50,
1946, 20:56, 1947.
Stewart, Seed World 57(5) 44, 1945.
Tate & Bare, Neb. R. 59:59, 1946.
i Vorhies & Wehrle, Ariz. B. 203:36-
37, 1946.
Wylie, Fla. St. Hort. Soc. P. 59:91,
1946.
- DIABROTICA UNDECIMPUNCTATA
HOWARDI - CANADA**
Sheppard, Can. Ins. Pest Rev. 24:50,
1946.
Stirrett, Can. Ins. Pest Rev. 25:34,
43, 1947.
Thompson, Can. Ins. Pest Rev. 24:39,
1946.
Wressell, Can. Ins. Pest Rev. 24:55,
1946.
- DIABROTICA UNDECIMPUNCTATA
HOWARDI - CONTROL, CULTUR-
AL**
bi Tate & Bare, Neb. B. 381:10-12,
1946.
- DIABROTICA UNDECIMPUNCTATA
HOWARDI - DUSTS**
Clark & Hoveland, Wis. B. 472:17,
1947.
Roark, USDA EPQ E-721:9, 1947.
Sun, N. Y. St. Col. Agr. Dept. Ent.
Ent. 1:25, 27-28, 69, 71, 73-75, 79, 81,
1946.
- DIABROTICA UNDECIMPUNCTATA
HOWARDI - DUSTS - DDT**
Bruce & Tauber, J. Ec. Ent. 38:441,
1945.
Drake & Tauber, Iowa R. f. 1944/45
pt. 1:249.
Haseman, Mo. B. 510:33, 1947.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI - INSECTICIDES**

- Drake et al., Iowa R. f. 1945/46 pt. 1: 227.
Gould, Ind. R. 60:69, 1947.
i Lincoln, Ark. Ext. C. 438:7, 1945.
Mimms & Zaumeyer, USDA FB 1996. 40-41, 1947.
Parker & Beacher, Del. B. 264:22,25, 1947.
Walton, J. Ec. Ent. 40:390-391,395, 1947.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:78-79,81,83,89-90, 1947.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI - PEANUTS**

- b Grayson & Poos, J. Ec. Ent. 40:251-256, 1947.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI - RESISTANT CORN**

- Liningier et al., Pa. B. 480:50, 1946.
Richey et al., South. Corn Impr. Conf. 4 36, 1945.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI - SOIL TREATMENT**

- Baver, N. C. R. 69:22-23, 1946.
Fulton, J. Ec. Ent. 39:781-783, 1946.
i Muma, Irrig. Farm. 5(5):1,4, 1947.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI - SPRAYS**

- Wilson, Fla. R. f. 1946/47.204.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI - SPRAYS - DDT**

- Brown & Alban, Amer. Soc. Hort. Sci. P. 49:320-324, 1947.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI - SWEET POTATO**

- i Marcovitch, Tenn. B. 202:9-10, 1946.

**DIABROTICA UNDECIMPUNCTATA
HOWARDI & MOSAIC OF CUCUMBER**

- Jensen, Hawaiian Ent. Soc. P. 12.569, 1946.

**DIABROTICA UNDECIMPUNCTATA
TENELLA Lec.**

- Parker, Ariz. St. Ent. R. f. 1946/47.26

DIABROTICA VIRGIFERA Lec. (COLORADO CORN ROOTWORM) (WESTERN CORN ROOTWORM)

- Hixson et al., Neb. R. 60:52-53, 1947.
i Muma, Neb. Ext. C. 1537.9, 1946.
i Muma, Irrig. Farm. 5(5):1,4, 1947.
Packard, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.81, 1947.
Stewart, Seed World 57(5):42,44, 1945.
Tate, Neb. St. Bd. Agr. R. f. 1945:195.
bi Tate & Bare, Neb. B. 381:3-10,12, 1946.

- Tate & Bare, Neb. B. 59:59-60, 1946.

DIABROTICA VITTATA (F.), see ACALYMMA VITTATA (F.)

DIACHLORUS FERRUGATUS (F.) - MALE

- Shewell, Can. Ent. 79:32, 1947.

DIACRISIA VIRGINICA (F.) (YELLOW WOOLLYBEAR)*

- Gertler, USDA EPQ E-705:13, 1946.
McDaniel, Flor. Rev. 98(2534):34, 1946.
McDaniel, Gladiolus 22:45-46, 1947.
Swingle et al., USDA EPQ E-634,23 p., 1945.

DIACRISIA VIRGINICA --Continued.

- White, USDA EPQ E-692:3-4, 1946.

DIACRITA Gerst.

- Steyskal, Bklyn. Ent. Soc. B. 41:149-154, 1946.

DIAERETUS RAPAE (Curt.)

- Burnett, Quebec Soc. Protect. Plants R. 29:86, 1945.

DIALEURODES CITRI (Ashm.) (CITRUS WHITEFLY)*

- Armitage, Cal. Dept. Agr. B. 33 233, 1945.

- Armitage et al., Cal. Dept. Agr. B. 34:164, 1946; 35:195, 1947.

- Lyle, J. Ec. Ent. 40:3, 1947.

- Morrison, Cal. Dept. Agr. B. 35.135-136, 1946.

- Ryan, Los Angeles Co. Agr. Comnr R. f. 1945/46:11.

- Tubbs, Cit. Leaves 27(7):12, 1947.

- Watson, Fla. Ent. 28 30-31, 1945.

DIALEURODES CITRI & SOOTY MOLD

- Westcott, Sun-up 2(5) 32-33, 1947.

DIAMANUS MONTANUS (Baker)

- Lindsdale, Cal. Ground Squirrel.296-299, 1946.

DIAMANUS MONTANUS & PLAGUE

- Prince, U. S. Pub. Health Rpts. 62 1167-1168, 1947.

DIAMANUS MONTANUS & PLAGUE, SYLVATIC

- i Wheeler & Douglas, J. Infect. Dis. 77:7-12, 1945.

DIAMANUS MONTANUS & TULAREMIA

- b Price & McMahon, U S Pub. Health Rpts. 61 79-85, 1946.

***DIAMONDBACK MOTH, see PLUTELLA MACULIPENNIS (Curt.)**

DIANDRENA CHALYBIOIDES Vier - PARASITES

- MacSwain & Bohart, Pan-Pac. Ent. 23.30, 1947.

DIAPERIS MACULATA (Oliv.) - PUPAE

- i Daggy, Ind. Acad. Sci. P. 56.255-256, 1947?

DIAPHANIA COSTATA (F.)

- i Martorell, P. R. Univ. J. Agr. 29 520-521,524-525, 1945.

DIAPHANIA HYALINATA (L.) (MELON-WORM)*

- Fulton, N. C. TB 85:4, 1947.

- Haseman, Mo. B. 391 ed. 2:13-14, 1946.

- Lincoln, Ark. Ext. C. 438:10, 1945.

- Osorio, Control de Plagas 8.73-74, 1946.

- Watson, Fla. Grow. 55 [i.e. 54] (9):18, 1946.

DIAPHANIA HYALINATA - DUSTS

- Dutsch et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:91-93, 1945.

- King, Ga. Coastal Plain B. 44:42-43, 1947.

- McGovran et al., USDA EPQ E-736: 3-5, 1947.

DIAPHANIA HYALINATA - INSECTICIDES

- Annand, USDA EPQ R. f. 1945/46:12, 1947.

- Bottger & Levin, USDA EPQ E-729, 23 p.; E-738:1,3-4,6-14, 1947.

DIAPHANIA HYALINATA - INSECTICIDES--Continued.

- Gertler, USDA EPQ E-705.9, 1946; E-732:6-7, 1947.
Kelsheimer, Fla. R. f. 1945/46 112; f. 1946/47:126.
Mayer & Gahan, USDA EPQ E-646 4-14, 1945.
b Mayer et al., USDA EPQ E-709 2-16, 1946; E-720:2-11; E-725 3-10, 1947.
Plank, P. R. (Mayaguez) R. f. 1944.15, 1945, f. 1945:22, 1946.
Swingle et al., USDA EPQ E-634,23 p., 1945.

DIAPHANIA NITIDALIS (Stoll) (PICKLE-WORM)*

- i Bissell & Dupree, Ga. B 254 9-10, 19, 1947.
Davis, Ind. Acad. Sci. P. 56:150, 1947?
Dean et al., Kans. Ent. Soc. J. 18 94, 1945.
i Fulton, N. C. Res. & Farm. 4(Prog R 2) 6-7,10, 1946.
bi Fulton, N. C. TB 85,27 p., 1947.
i Haseman, Mo. B. 391 ed. 2 13-14, 1946.
Lincoln, Ark. Ext. C 438 10, 1945.
Osorio, Control de Plagas 8 105-106, 1946.
Watson, Fla. Grow 55 [i.e. 54](9) 18, 1946.

DIAPHANIA NITIDALIS - DUSTS

- Bissell & Dupree, Assoc. South. Agr. Workers P 44 121-122, 1947. (Abs.)
Dorman, Miss. R. 58 24, 1946? 59 27, 1947?
Dunavan & Hughes, S. C. R. 59.70, 1947.
Dutsch et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19 91-93, 1945.
b Fulton, J. Ec. Ent. 40 747-749, 1947.
King, Ga. Coastal Plain B 44 42-43, 1947.
Lyle, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19.73, 1945. (Abs.)
Minter et al., Fla. Grow. 55(11a):20, 1947.
Stuckey, Ga. R. 58:79-81, 1946, 59. 85-86, 1947.
Watts, S. C. R. 59:159-161, 1947.

DIAPHANIA NITIDALIS - DUSTS - DDT

- Dunavan, S. C. R. 58:64, 1946.

DIAPHANIA NITIDALIS - INSECTICIDES

- Bottger & Levin, USDA EPQ E-729, 23 p., 1947.
Kelsheimer, Fla. R. f. 1945/46 112. f. 1946/47:126-127.
Mayer & Gahan, USDA EPQ E-646 4-12, 1945.

DIAPHANIA NITIDALIS - INSECTICIDES - DDT

- White, USDA EPQ E-692:10, 1946.

DIAPHEROMERA FEMORATA (Say)

(WALKINGSTICK)*

- Davis, Ind. Acad. Sci. P. 56.151, 1947?
i Hess & Pallister, Nat. Hist. 55:286-289, 1946.
Stirrett, Can. Ins. Pest Rev. 25.49, 1947.
Wressell, Can. Ins. Pest Rev. 24:59, 1946.

DIAPHEROMERA FEMORATA & CANCER RESEARCH

- i Baillie, For. & Outdoors, June 1947. 171.

DIAPREPES sp.

- Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq Ser. 4:74,76, 1947.

DIAPREPES ABBREVIATUS (L.)

- i Martorell, P. R. Univ. J. Agr. 29: 454-455,457-461, 1945.
Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Ser. 4:78, 1947.

DIARTHROMYIA HYPOGAEA (Loew) (CHRYSANTHEMUM GALL MIDGE)* (CHRYSANTHEMUM MIDGE)

- Arnason, Can. Ins. Pest Rev. 25.102, 1947.
Cuming, Hardy Chrysanthemums rev. 123-124, 1945.
Hamilton, Natl. Chrysanthemum Soc. B 3(2) 8, 1947.
Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums 60-61, 1946.
Lyle, J. Ec. Ent. 40 3-4, 1947.
Manson, Can. Ins. Pest Rev. 25 105, 1947.

- Manson et al., Can. Ins. Pest Rev. 24 97, 1946.

- Scott & Scott, Chrysanthemums for Pleasure.16, 1947.

- Ward, B. C. Dept. Agr. R. 40.V79, 1946.

- Wressell, Can. Ins. Pest Rev. 24 60, 1946.

DIARTHROTHRIPS SACCHARICOLUS

Blanchi

- ni Bianchi, Hawaiian Ent. Soc. P. 12 275-277, 1945.

DIASPIDIOTUS ANCYLUS (Putn.), see ASPIDIOTUS ANCYLUS (Putn.)

DIASPIDIOTUS BRITANNICUS (Newst.), see ASPIDIOTUS BRITANNICUS Newst.

DIASPIDINAE

- ni McKenzie, Cal. Dept. Agr. B. 36: 31-36,107-114, 1947.

DIASPIDINAE - REARING

- bi Flanders, J. Ec. Ent. 40:746-747, 1947.

DIASPIS BOISDUVALII Sign. (BOISDUVAL'S SCALE)

- Cory, J. Ec. Ent. 38.395, 1945.
Cory, Amer. Orchid Soc. B. 13 376, 1945, 16 146-147, 1947.
Martorell, P. R. Univ. J. Agr. 29: 404, 1945.

- Steinweden, Orchid Digest 9.264,266, 1945.

- Swezey, Hawaiian Ent. Soc. P. 12 377, 1945.

DIASPIS BOISDUVALII - PREDATORS

- Bumgardner, J. Ec. Ent. 38:128, 1945.

DIASPIS CARUELI Targ. (JUNIPER SCALE)*

- i Boyd, N. J. Dept. Agr. C. 355:101-102, 1945.
Bromley, N. Y. Ent. Soc. J. 55:213, 1947.

DIASPIS CARUELI--Continued.

- Leaver, R. I. Dept. Agr. & Conserv.
R. 11:40, 1946.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1945:64, 1946.
Mathers, Can. Ins. Pest Rev. 24:122,
1946.
Watson, Can. Ins. Pest Rev. 25:107,
1947.
Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
38, 1947.
Wressell, Can. Ins. Pest Rev. 24:60,
1946.

DIASPIS CATTLEYAE (Ckll.)

- Swezey, Hawaiian Ent. Soc. P. 12:377,
1945.

DIASPIS COCOIS (Licht.) - PREDATORS

- Bumgardner, J. Ec. Ent. 38:128, 1945.

DIASTETHUS Pascoe

- 1 Burum, Hawaii Farm & Home 8(11):
10-11, 1945.

DIASTETHUS sp.

- 1 Swezey, Hawaiian Ent. Soc. P. 12:
349, 1945.

DIASTROPHUS RADICUM Bass. (RASP-
BERRY ROOT GALL)

- Gauthier, Can. Ins. Pest Rev. 24:30,
1946, 25:100, 1947.

DIATRAEA Guild. - PARASITES

- Gomez, Fitófilo 4:136, 1945.

DIATRAEA CRAMBIDOIDES (Grote)
(SOUTHERN CORNSTALK BORER)*

- Drake, Iowa Dept. Agr. YB 45:84-85,
1945.

DIATRAEA GRANDIOSELLA Dyar

- (SOUTHWESTERN CORN BORER)*

- Annand, Amer. Assoc. Econ. Ent. N.
Cent. Sta. Branch P. 25:36, 1946.

- 1 Annand, USDA EPQ R. f. 1946/47:32.
Burgess, Ariz. R. 56:47-48, 1946.

- Dean & Bower, USDA EPQ Ins. Pest
Surv. Sum. of Ins. Conditions in 1945.
5, 1946.

- 1 Drake, Iowa Dept. Agr. YB 45:84-87,
1945.

- 1 Gunderson & Elder, Hoard's Dairym.
92:745, 1947.

- Jardine et al., USDA OES R. f.
1943/44:48, 1945, f. 1944/45:51,
1946.

- Lincoln & Miner, Ark. Ext. C. 437.12,
1945.

- 1 Vorhies & Wehrle, Ariz. B. 203:34-
35, 1946.

- Walkden, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:30, 1947.

DIATRAEA GRANDIOSELLA - CONTROL,
CULTURAL

- 1 Allis-Chalmers Mfg. Co., Milwaukee,
Battle borer with Proper Tillage:10-
13, 1945?

DIATRAEA GRANDIOSELLA - KANSAS

- Bryson, Kans. Bien. R. 13:63, 1946.

- Dean et al., Kans. Ent. Soc. J. 18:96,
1945.

- Smith et al., Kans. Ent. Soc. J. 19:50,
1946; 20:56, 58, 1947.

- Wakeland, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:86-87, 1946.

- 1 Wilbur, Kans. St. Bd. Agr. R. 64(266):
97-106, 1945.

DIATRAEA GRANDIOSELLA - NEBRAS-
KA

- 1 Muma, Neb. Ext. C. 1537:19, 1946.
Tate, Neb. St. Bd. Agr. R. f. 1945:
195-197.

- 1 Tate & Bare, Neb. Ext. C. 1530,
3 p., 1945.

- Tate & Bare, Neb. R. 59:60, 1946;
60:54, 1947.

DIATRAEA GRANDIOSELLA - OKLA-
HOMA

- 1 Stiles & Hixson, Okla. Ext. C. 424,
3 p., 1946.

- Walton, Okla. Acad. Sci. Proc. 25.
28-29, 1945.

- Walton, Okla. Mimeo. C. M-153, 4 p.,
1945.

DIATRAEA SACCHARALIS (F.) (SUGAR-
CANE BORER)*

- Agete, Asoc. Téc. Azuc. Cuba P. 21:
14-15, 1947.

- 1 Green, Control de Plagas 8:67-68,
1946.

- Plank, P. R. (Mayaguez) R. f. 1945:
38, 1946.

- Plank, Inst. Cubano de Suelos y
Abonos Inform. Técn. 5:833-835,
1946.

- bi Scaramuzza, in Cuba Min. Agr.
Estac. Expt. Caña de Azúcar
(Havana), Caña de Azúcar en Cuba.
538,540,542-546, 1946.

DIATRAEA SACCHARALIS - CONTROL

- Annand, New Internatl. YB 1944:295-
296, 1945.

- Annand, USDA EPQ R. f. 1944/45:8,
20; f. 1945/46:11; f. 1946/47:8-9

- Dugas, Amer. Assoc. Ec. Ent. Cot-
ton Sts. Branch P. 19:86-87, 1945.

- Ingram et al., Sugar J. 9(11):8-12,
1947.

- b Pedrosa Puertas, Asoc. Téc. Azuc.
Cuba B. Ofic. 5:359-365, 1946.

- Plank, Asoc. Téc. Azuc. Cuba. B.

- Ofic. 4:351-356, 1945.

DIATRAEA SACCHARALIS - CON-
TROL, COOPERATIVE

- Smith, Amer. Assoc. Ec. Ent. Cotton
Sts. Branch P. 19:49, 1945.

DIATRAEA SACCHARALIS CORN

- Kelsheimer & Beckenbach, Fla. R. f.
1945/46:109.

DIATRAEA SACCHARALIS - EFFECT
OF 2,4-D

- Ingram et al., J. Ec. Ent. 40:745-
746, 1947.

DIATRAEA SACCHARALIS - INSECTI-
CIDES

- Baker, USDA YB f. 1943/47:651,653.

- Dugas & Conclenne, Asoc. South.
Agr. Workers P. 44:123, 1947.

- (Abs.)
Dugas et al., La. R. f. 1944/45:61-
63, 1946; f. 1945/46:53-54, 1947.

- Ingram et al., USDA EPQ E-647:1-3,
1945.

- Ingram et al., J. Ec. Ent. 40:779-
781, 1947.

- USDA EPQ & La. Agr. Expt. Sta.,
Sugar Bul. 23:100, 1945; 24:116,
118, 1946; 25:89-90, 1947.

DIATRAEA SACCHARALIS - INSECTICIDES - DDT

Packard, USDA EPQ E-640 8, 1945.

DIATRAEA SACCHARALIS - LOSSES CAUSED BY

Annard, USDA EPQ R f. 1943/44 12, f. 1944/45.32, 1946.

Ingram & Dugas, Sugar Bul. 25(2) 10-11, 1946.

DIATRAEA SACCHARALIS - PARASITES

Annard, USDA EPQ R f. 1943/44.24, f. 1944/45.23; f. 1945/46 22-23, f. 1946/47:25

Bartlett, P R (Mayaguez) R. f. 1944 27, 1945.

Hayslip, Fla. R f. 1944/45 205.

Ingram, Sugar J. 9(11) 10, 1947.

Ingram et al., J. Ec. Ent. 40 746, 1947.

Plank, Assoc. Tec. Azuc. Cuba B Ofic. 4 352-356, 1945.

Plank & Bartlett, P R (Mayaguez) R f. 1945.39, 1946.

Scaramuzza, Inst. Cubano de Suelos y Abonos 5 839-845, 1946.

Scaramuzza & Fernández Pérez, Assoc. Téc. Azuc. Cuba P. 20 35-41, 1946.

b Scaramuzza et al., Assoc. Téc. Azuc Cuba P. 21 1-6, 1947.

Wilson & Bregger, Fla. R f. 1946/47 189.

DIATRAEA SACCHARALIS - RESISTANT SUGARCANE

Anderson, USDA R. Sec. f. 1946 145.

Annard, USDA EPQ R. f. 1943/44 10, f. 1944/45:26; f. 1945/46 24, f. 1946/47:27.

Ingram et al., Sugar J. 9(11) 8-10, 1947.

Wilson, Fla. R f. 1945/46 179.

DIAXENES DENDROBII Gahan, D

PHALAEOPSIS Fisher, D TAY-LORI Waterh.

Swezey, Hawaiian Ent. Soc. P. 12.354, 1945.

DIBRACHYS sp.

Peck & Bolton, Sci. Agr. 26 416-412, 1946

DIBRACHYS BOUCHEANUS (Ratz) see DIBRACHYS CAVUS Wlkr

DIBRACHYS CAVUS Wlkr

Beacher, Ent. Soc. Amer. Ann. 40 533, 536, 538, 543-544, 1947.

Boyce, Quebec Soc. Protect. Plants R. 30.97-98, 1947.

Clancy, Cal. Univ. Pub. Ent. 7.459, 1946.

Eide, Wash. St. Hort. Assoc. P. 42. 123, 1946.

Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:7, 1945.

DIBRACHYS CAVUS - REARING

b Douth & Finney, J. Ec. Ent. 40:577, 1947.

Wellington, J. Ec. Ent. 38:396, 1945.

DICERCA sp. - GUAYULE

Romney, J. Ec. Ent. 39:871, 1946.

DICERCA HORNI Crotch - PLUMS

Frazier, J. Ec. Ent. 39:660, 1946.

DICERCA PROLONGATA Lec.

Peterson, Can. Ins. Pest Rev. 24.108, 1946.

DICERCA PROLONGATA--Continued

Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 70, 1947.

DICEROPROCTA APACHE Davis (APACHE CICADA)

i Cassell, Nat. Hist. 55 236, 1946.

Parker, Ariz. St. Ent. R. f. 1946/47 28.

DICHAETOTHrips ADVENTOR Bianchi

ni Bianchi, Hawaiian Ent. Soc. P. 12. 259-260, 1945.

DICHAETOTHrips WILLIAMSII Karny

Swezey, Hawaiian Ent. Soc. P. 12:396, 1945.

DICHELONYX Harris

Pate, Pan-Pac. Ent. 22 68, 1946.

bk Saylor, Bklyn. Ent. Soc. B. 40 137-158, 1945.

DICHELONYX sp.

Daviault, Can. Dept. Agr. Div. Ent.

For. Ins. Surv. R. f. 1946 25, 1947.

Daviault, Can. Ins. Pest Rev. 25 62, 1947.

DICHELONYX BACKI (Kby.) (GREEN ROSE CHAFER)*

Manson & Arnason, Can. Ins. Pest Rev. 25:109, 1947.

Peterson & Sandercock, Can. Dept.

Agr. Div. Ent. For. Ins. Surv. R. f. 1946.72, 1947.

DICHELONYX CANADENSIS (Horn)

Frost, Psyche 53.20-21, 1946.

DICHOCERA ROBUSTA Brooks

n Brooks, Can. Ent. 77 80-81, 1945.

DICHOGAMA FERNALDI Möschl.

Martorelli, P. R. Univ. J. Agr. 29

517-518, 1945.

DICHOGAMA GUDMANNI Hedem.

(CAPPARIS POD BORER)

i Martorelli, P. R. Univ. J. Agr. 29

518, 520, 1945.

DICHOGAMA REDTENBACHERI Led.

(CAPPARIS LEAF WEBBER)

i Martorelli, P. R. Univ. J. Agr. 29

512, 518, 1945.

DICHOMERIS MARGINELLA (F.) (JUNIPER WEBWORM)*

Armitage et al., Cal. Dept. Agr. B.

34.174, 1945.

i Boyd, N. J. Dept. Agr. C. 355.33-34,

1945.

Davis, Amer. Nurserym. 84(9).10,

1946.

Davis, Ind. Acad. Sci. P. 56:151, 1947?

Eddy, R. I. Dept. Agr. & Conserv. R.

10:55, 1945.

Keifer, Cal. Dept. Agr. B. 33:250,

1945.

Underhill, Gard. Gossip 20(6) 14,

1945.

DICHROMINA DIMIDIATA (Burm.)

Flock, Ariz. St. Ent. R. f. 1944.20,

1945.

Lauderdale, Ariz. St. Ent. R. f.

1945/46:22.

DICLADOCERUS WESTWOODI Steph.

Graham, in Ont. Dept. Agr. Div. Ent.

Parasite Invest. Unit, Control For.

Ins. Prov. Ont. by Introd. Ins. Para-

sites:24,26-27, 1947.

- DICTYNA Sund.
i Bishop & Ruderman, Biol. Soc. Wash
P. 59:1-7, 1946.
ni Jones, Field & Lab. 15:1-35, 1947.
- DICTYNIDAE
bni Gertsch, Amer. Mus. Nov. 1319,
21 p., 1946.
bni Kaston, Amer. Mus. Nov. 1292,
14 p., 1945.
- DICTYOPHARIDAE
Metcalf, in Horváth et al., Gen. Cat.
Hemiptera Fasc. IV, Pt. 8, 246 p.,
1946.
- *DICTYOSPERMUM SCALE, see CHRY-
SOMPHALUS DICTYOSPERMI
(Morg.)
- DIDINEIS LATIMANA Mall. & Roh.
Shappirio, Ent. News 58:18, 1947.
- DIDINEIS TEXANA (Cress.)
Shappirio, Ent. News 58:18, 1947.
- DIEBACK OF BIRCH, see AGRILUS
ANXIUS & DIEBACK OF BIRCH
- *DIFFERENTIAL GRASSHOPPER, see
MELANOPLUS DIFFERENTIALIS
(Thos.)
- DIGONICHAETA SETIPENNIS (Fall.), see
BIGONICHTHA SETIPENNIS (Fall.)
- DIKRANEURA CARNEOLA (Stål)
Knowlton, J. Ec. Ent. 40:428, 1947.
- DIKRANEURA CEDRELAE Oman
Martorell, P. R. Univ. J. Agr. 29:372-
373, 1945.
- DIKRANEURA COCKERELLI Gill., see
DIKRELLA COCKERELLI (Gill.)
- DIKRELLA COCKERELLI (Gill.) (RED-
BANDED LEAFHOPPER)
Burgess, Ariz. R. 56:46, 1946; 57:44-
45, 1947.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:19.
Vorhies & Wehrle, Ariz. Mimeo. R. 75
2,9-11, 1945.
- DILARIDAE - EARLY STAGES
bi Gurney, Psyche 54:145-169, 1947.
- DINAPATE WRIGHTI Horn
Nixon, USDA C. 728:38-39, 1945.
- *DINGY CUTWORM, see FELTIA SUB-
GOTHICA (Haw.)
- DINOCLEUS ALBOVESTITUS Casey -
GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:16, 1947.
- DINODERUS MINUTUS (F.) (BAMBOO
BORER) (BAMBOO POWDER-
POST BEETLE)
Martorell, P. R. Univ. J. Agr. 29:425-
428, 1945.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 2):7.
Plank, P. R. (Mayaguez) R. f. 1944:33,
1945; f. 1945:43, 1946.
Plank, J. Ec. Ent. 39:315-319, 1946.
Plank, Science 106:317, 1947.
White et al., P. R. (Mayaguez) R. f.
1945:42, 1946.
- DINODERUS MINUTUS - RESISTANT
BAMBOO
Trullinger, USDA OES R. f. 1946/47:
14, 1947.
- DIOCTES OBLITERATUS (Cress.), see
HOROGENES OBLITERATUS
(Cress.)
- DIOGMITES ANGUSTIPENNIS Loew -
PREY
Alex, Bklyn. Ent. Soc. B. 42:171-172,
1947.
- DIOGMITES SYMMACHUS Loew
Fautin, Ecol. Monog. 16:264, 1946.
- DIOGMITES SYMMACHUS - PREY
Alex, Bklyn. Ent. Soc. B. 42:171-172,
1947.
- DIONYCHA GROUP
ni Kaston, Amer. Mus. Nov. 1290,
25 p., 1945.
- DIORYCTRIA sp.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:57, 1946.
- DIORYCTRIA ABIETELLA Denis & Schiff
Lambert, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:18, 1945.
Richmond & McGuffin, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1944:
47, 1945.
Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945
31, 1946.
Watson & Raizenne, Can. Dept. Agr.
Div. For. Ins. Surv. R. f. 1946 36,
1947.
- DIORYCTRIA AURANTICELLA (Grote)
Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
31, 1946.
- DIORYCTRIA RENICULELLA (Grote)
(SPRUCE CONEWORM)*
Atwood, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944 32, 1945.
Bradley, Can. Ins. Pest Rev. 24:63,
1946.
Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
46, 1947.
McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946
62, 1947.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:56, 1945.
- DIORYCTRIA RENICULELLA - PARA-
SITES
Davault, Quebec Min. Lands & For.
R. f. 1944/45:117, 1946.
- DIORYMERELLUS LAEVIMARGO
Champ. (DENDROBIUM WEEVIL)
(ORCHID WEEVIL)
i Burum, Hawaii Farm & Home 8(11):
10-11, 1945.
Cory, Amer. Orchid Soc. B. 16:146-
147, 1947.
i Cory & Slotter, Amer. Orchid Soc.
B. 15:120-121, 1946.
Lyle, J. Ec. Ent. 40:3, 1947.
i Swezey, Hawaiian Ent. Soc. P. 12.
348, 1945.
Steinweden, Orchid Digest 9:267, 1945.
i Tienken, Amer. Orchid Soc. B. 16:
288-289, 1947.
- DIOSTRACUS PRASINUS Loew - TEN-
NESSEE
Steyskal, Bklyn. Ent. Soc. B. 42:16,
1947.
- DIPHAULOCYLLIBA sp.
Knowlton, J. Ec. Ent. 40:755, 1947.

- DIPLAZON PECTORATORIUS (Thunb.)
Bean, J. Ec. Ent. 40:452, 1947.
- DIPLAZONINAE
Townes, Amer. Ent. Soc. M. 11 pt. 2:
553-570, 1945.
- DIPLOCENTRIA Hull
ni Chamberlin & Ivie, Utah Univ. B.
36(2):10-12, 18-19, 1945.
- DIPLOLEPIS ROSAE (L.) (MOSSY ROSE
GALL)*
Wressell, Can. Ins. Pest Rev. 24:60,
1946.
- DIPLOELECTRON RETICULATUS
Williams
ni Williams, Hawaiian Ent. Soc. P. 12
648-650, 1946.
- DIPLOPODA
ni Chamberlin, Acad. Nat. Sci. Phila.
P. 99 21-58, 1947.
- DIPLOTAXIS sp.
Fautin, Ecol. Monog. 16:264, 1946.
- DIPLOTAXIS CRIBRULOSA Lec.
Parker, Ariz. St. Ent. R. f. 1946/47.
27.
- DIPPING - CATTLE
Cuff, Agr. Chem. 1(6):24-26, 1946.
i Field & McDowell, Dairy Enter-
prises:356-357, 1946.
i Imes et al., USDA FB 909 rev. 9-21,
1947.
i Kelly, Kans. Ext. Livestock Ins. Con-
trol in Kans.:20, 1946?
Simms, USDA BAI R. f. 1946/47:52-53.
Vara, Vet. Med. 42:143, 1947.
Natl. Livestock Loss Prev. Bd., Cattle
Grubs Must Go:16-17, 1945.
- DIPPING - CATTLE - COSTS
McGregor, Coastal Cattle. 12(7):28,
1946.
- DIPPING - DOGS
i Smith et al., USDA TB 905.54-59,61-
64, 1946.
- DIPPING - GOATS
Imes, Dairy Goat J. 25(6) 7-8, 1947.
Imes et al., USDA Leaf. 13 rev.:6-8,
1946.
- DIPPING - HOGS
Kemper & Roberts, Amer. Vet. Med.
Assoc. J. 108:252-254, 1946.
- DIPPING - LIVESTOCK
bi Lesser, Agr. Chem. 1(7):26-30,55,
1946.
Miller, USDA BAI R. f. 1944/45:42.
i Radeleff, Vet. Med. 42:372-373, 1947.
- DIPPING - LIVESTOCK - COOPERATIVE
Palm, Agr. Chem. 1(3):62-63, 1946.
- DIPPING - MINK
Joyce, Amer. Fur Breed. 18(8):22,24,
26-27; Black Fox Mag. 29(12):17,
24-27, 1946.
Joyce, Natl. Fur News 17 [i.e. 18](4):
7,21, 1946.
- DIPPING - POULTRY
Clandinin, Alberta Ext. B. 45:52, 1945.
Telford, J. Ec. Ent. 38:700-701, 1945.
- DIPPING - SCREENS
U. S. Army Med. Bul. 4:402-403, 1945.
- DIPPING - SHEEP
Fox & Fidler, Ill. Dept. Agr. R. 28:
106, 1945.
Gaylord, USDA Ext. Serv. Rev. 16:163,
1945.
- DIPPING - SHEEP--Continued.
Horlacher & Hammonds, Sheep.230-
232, 1945.
Imes et al., USDA Leaf. 13 rev.:6-8,
1946.
Kemper, N. Mex. Stockm. 10(1):38-
39, 1945.
Kammlade, Sheep Sci.:469-472, 1947.
Lacey, Wool Grow. News 13(1):4, 1947.
MacEwan & Ewen, Sci. & Pract. Can.
Anim. Husb. rev.:309-312, 1945.
Stuckey, Ga. R. 58:48-49, 1946.
- DIPPING - SHEEP - COOPERATIVE
Palm, Agr. Chem. 1(3) 62, 1946.
- DIPPING - TOMATO PLANTS
Martin, N. J. R. 66:41-42, 1946.
- DIPPING VATS
i Imes et al., USDA FB 909 rev.:13-
21, 1947.
i Kammlade, Ill. Ext. C. 534 rev.:33,
1946.
i Kelly, Kans. Ext. Livestock Ins.
Control in Kans.:20, 1946?
i MacEwan & Ewen, Sci. & Pract.
Can. Anim. Husb. rev.:302,310-311,
1945.
i Peters & Deyoe, Raising Livestock:
271,279,289, 1946.
Schwardt & Matthyse, N. Y. (G.)
Farm Res. 11(2).12, 1945.
i Smith et al., USDA TB 905:61-63,
1946.
- DIPPING VATS - CATTLE
Albaugh, West. Dairy J. 3(27):19,
1947.
i Rogers, West. Livestock J. 23(38).
20-21, 1945.
- DIPPING VATS - PORTABLE
Davis, Ind. Ext. B. 105 rev.:4, 1945.
Green, Control de Plagas 8:182, 1946.
i Horlacher & Hammonds, Sheep:231-
233, 1945.
i Paul, Amer. Hereford J. 36(5) 236,
254-255, 1945.
i Peters & Deyoe, Raising Livestock:
290, 1946.
- DIPRION FRUTETORUM (F.) (NUR-
SERY PINE SAWFLY)
Dowden et al., USDA EPQ E-663:8-
10,12, 1945.
Finlayson, in Ont. Dept. Agr. Div.
Ent. Parasite Invest. Unit, Control
For. Ins. Prov. Ont. by Introd. Ins.
Parasites:53-55, 1947.
Schaffner, USDA EPQ Ins. Pest Surv.
Sum. of Ins. Conditions in 1944:15,
1945.
Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
30, 1946.
Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
38, 1947.
Zappe et al., Conn. B. 501.39-40,42-
43, 1946.
- DIPRION HERCYNIAE (Htg.) (EURO-
PEAN SPRUCE SAWFLY)*
Atwood, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:30-31, 1945.
Balch & Reeks, N. B. Dept. Lands &
Mines R. 108:109, 1945; 109:124,
1946; 110:64, 1947.

DIPRION HERCYNIAE--Continued.

- Bradley, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:38, 1946.
Bradley, Can. Ins. Pest Rev. 24:62,
1946.
Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
46, 1947.
Bradley et al., Can. Ins. Pest Rev. 25:
54-55, 1947.
Cannon, Can. Ins. Pest Rev. 24:12,
1946.
Conklin, N. H. B. 363:42-43, 1945;
367:34, 1946; 372:32, 1947.
Daviault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:22, 1947.
Daviault & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
21, 1946.
DeGryse, For. Ent. in Can.:4, 1947.
Gardiner, Can. Min. Agr. R. f.
1944/45:61; f. 1945/46:73-74, f.
1946/47:89-90, 92.
Lambert, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:8, 1945.
Reeks, Can. Ins. Pest Rev. 24:25, 1946.
Reeks et al., Can. Dept. Agr. Div.
Ent. For. Ins. Surv. R. f. 1944:9,
1945; f. 1945:10-11, 1946; f. 1946:
11, 1947.
Schaffner, USDA EPQ Ins. Pest Surv.
Sum. of Ins. Conditions in 1944-15,
1945.
Schaffner & Plumb, USDA EPQ Ins.
Pest Surv. Sum. of Ins. Conditions in
1945:20, 1946.
Watson, Can. Ins. Pest Rev. 24:65,
1946.
Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
30, 1946.
Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
36-37, 1947.
DIPRION HERCYNIAE - NOVA SCOTIA
Harrison, N. S. Dept. Lands & For.
R. f. 1944:35-36, 63, 1945; f. 1945:
35-36, 1946.
Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:36, 44, 1947.
DIPRION HERCYNIAE - PARASITES
Baird, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:28-36, 1947.
Briand, Quebec Soc. Protect. Plants
R. 30:180-181; 126-127, 1947.
Daviault, Quebec Min. Lands & For.
R. f. 1945/46:114, 1947.
Hawboldt, Can. Ent. 79:84-104, 1947.
Paquet, Quebec Min. Lands & For. R.
f. 1943/44:93-94, 1945.
Richmond, B. C. Lumberm. 31(4):84,
1947.
Wilkes, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:56-59, 1947.
DIPRION HERCYNIAE - QUEBEC
Daviault, Laurentian For. Protect.
Assoc. Ltd. R. 30:37, 39, 1946.

DIPRION HERCYNIAE - QUEBEC--Con-
tinued.

- Daviault, Quebec Min. Lands & For.
R. f. 1944/45:118-120, 1946.
Lambert, Quebec Min. Lands & For.
R. f. 1943/44:93, 1945.
DIPRION SIMILE (Htg.) (INTRODUCED
PINE SAWFLY)*
Atwood, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. 8:32, 1945.
Boyd, N. J. Dept. Agr. C. 355:61-62,
1945.
Watson, Can. Ins. Pest Rev. 24:65,
1946; 25:72, 1947.
Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
30, 1946.
Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
38, 1947.
DIPS
Davis, Ind. Ext. B. 105 rev.:5-6, 1945.
Milks, Pract. Vet. Pharm. Mater.
Med. & Ther. ed. 5 rev.:514-516,
1946.
DIPS - ADJUVANTS - WETTING
AGENTS
Smith et al., USDA TB 905:56-57,
1946.
DIPS - ARSENIC
Cobbett, Amer. J. Vet. Res. 8:280-
283, 1947.
Hixson, Okla. Ext. C. 387 rev.:28,
1946.
Maas, Amer. Vet. Med. Assoc. J. 110:
249-250, 1947.
Matthysse, N. Y. (C.) B. 832:40, 62,
64, 66, 1946.
Smith et al., USDA TB 905:59, 1946.
DIPS - ARSENICALS
Imes et al., USDA FB 909 rev.:10,
1947.
Lesser, Agr. Chem. 1(7):28-29, 1946.
DIPS - BENZENE HEXACHLORIDE
Furman, J. Ec. Ent. 40:672-675, 1947.
Portman, J. Ec. Ent. 40:134-135, 1947.
Simms, USDA BAI R. f. 1945/46:48.
DIPS - BORDEAUX MIXTURE & OIL
Watkins & Logan, N. Y. (C.) R. 57:
125, 1945.
DIPS - CREOSOTE
Smith et al., USDA TB 905:59, 1946.
DIPS - CREOSOTE (COAL-TAR)
Imes et al., USDA Leaf. 13 rev.:8,
1946.
Imes et al., USDA FB 909 rev.:10-11,
1947.
Sobel & Doner, Soap & Sanit. Chem.
21:108, 1945.
DIPS - CRESOL (HY-KRESOL)
Joyce, Amer. Fur. Breed. 18(8):22,
24, 1946.
Joyce, Natl. Fur News 17 [i.e. 18](4):
7, 1946.
DIPS - CUBE
Annand, USDA EPQ R. f. 1943/44:23;
f. 1944/45:19.
Hall et al., USDA FB 1330 rev.:5,
1946.
Kemper, N. Mex. Stockm. 10(1):38-
39, 1945.

- DIPS - CUBE--Continued.
Natl. Livestock Loss Prev. Bd., Cattle
Grubs Must Go:16-17, 1945.
- DIPS - CUBE & SODIUM LAURYL SUL-
FATE
Knapp & Lewis, For Sale, Want &
Exch. B. 4(12):4, 1945.
- DIPS - CUBE & SULFUR
Smith et al., USDA TB 905.59, 1946.
- DIPS - DDT
Annand, USDA EPQ R. f. 1943/44:23.
Bruce & Blakeslee, J. Ec. Ent. 39:
367-370,373, 1946.
Cobbett & Smith, Amer. Vet. Med.
Assoc. J. 107:147-148, 1945.
Cobbett & Smith, Cal. Wool Grow. 21
(40, i.e. 39):8, 1945.
Daggy et al., Minn. Ext. B. 252:6, 1946.
Furman, J. Ec. Ent. 40:520-521, 1947.
Hall et al., USDA FB 1330 rev.:5,
1946.
Imes, Dairy Goat J. 25(6):7-8, 1947.
Imes et al., USDA Leaf. 13 rev.:8,
1946.
Imes et al., USDA FB 909 rev.:9-10,
1947.
Kemper & Roberts, Amer. Vet. Med.
Assoc. J. 108:252-254, 1946.
Lesser, Agr. Chem. 1(7):30, 1946.
Miller, USDA BAI R. f. 1944/45:34.
Muma, Neb. Ext. C. 1548 rev.:4, 1947.
Parish & Rude, J. Ec. Ent. 38:612-
613, 1945.
Schwardt & Matthyse, N. Y. (G.)
Farm Res. 11(2):11, 1945.
Schwardt et al., N. Y. (C.) R. 58:119,
1946.
Simms, USDA BAI R. f. 1946/47:57-58.
Stage, J. Ec. Ent. 40:761, 1947.
Weaver et al., S. Dak. Ext. Leaf. 102
6, 1946. (Repr.)
- DIPS - DDT, see also DIPS FOR CAT-
TLE - DDT; DIPS FOR SCREENS -
DDT; DIPS FOR SEEDS - DDT
- DIPS - DDT (STOCK 1235)
Parish & Rude, J. Ec. Ent. 39:546,
1946.
- DIPS - DDT & OIL & XYLLOL
Simms, USDA BAI R. f. 1945/46:2,48.
- DIPS - DDT & PINE OIL
Annand, USDA EPQ R. f. 1944/45:10,
1946.
Schwartz et al., U. S. Livestock Sanit.
Assoc. R. 50:97-98, 1947.
- DIPS - DDT & PINE OIL & XYLLOL
Imes et al., USDA Leaf. 13 rev.:8,
1946.
- DIPS - DDT & XYLENE & SOAP
Brown, J. Ec. Ent. 40:605, 1947.
- DIPS - DDT EMULSION
Rude & Parish, USDA EPQ E-693,
2 p., 1946.
- DIPS - DDT MIXTURES
Back, J. Ec. Ent. 39:721-723, 1946.
Kemper et al., Amer. Vet. Med.
Assoc. J. 111:196-199, 1947.
- DIPS - DERRIS
Hall et al., USDA FB 1330 rev.:5, 1946.
Lowry, Your Dog & Mine:64,67-68,
1947.
McCroan & Ramsey, Med. Assoc. Ga.
J. 36:243, 1947.
- DIPS - DERRIS--Continued.
Smith et al., USDA TB 905:54-58,
1946.
- DIPS - DERRIS & SULFUR (WETTABLE)
Wermelskirchen, in Davis et al.,
Livestock Enterprises rev.:137,
1946.
- DIPS - LIME-SULFUR
Baker, Iowa Vet. 18(6):9, 1947.
Conn. Sheep Health ed. 2 106, 1945.
Horlacher & Hammonds, Sheep.234,
1945.
MacEwen & Ewen, Sci. & Pract. Can.
Anim. Husb. rev.:359, 1945.
Peters & Deyoe, Raising Livestock.
263, 1946.
Titus, Berkshire News 10(10) 16,
1945.
- DIPS - LIME-SULFUR & NICOTINE
SULFATE
Baker, Mangt. & Feeding of Sheep:
218,224-225,227, 1947.
- DIPS - NICOTINE
Imes, Dairy Goat J. 25(6):7-8, 1947.
Imes et al., USDA Leaf. 13 rev.:8,
1946.
Imes et al., USDA FB 909 rev.:11,
1947.
Lesser, Agr. Chem. 1(7) 27-28, 1946.
- DIPS - NICOTINE (FIXED) & SULFUR
(WETTABLE)
Schwardt & Matthyse, N. Y. (G.)
Farm Res. 11(2) 11, 1945.
- DIPS - NICOTINE SULFATE
b Tauber et al., Iowa St. Col. J. Sci.
19:431-432, 1945.
- DIPS - OIL (TAR-ACID)
Sobel & Doner, Soap & Sanit. Chem.
21:108, 1945.
- DIPS - PHENOTHIOXIN & BENTONITE &
SULFUR
Schwardt & Matthyse, N. Y. (G.)
Farm Res. 11(2):11, 1945.
Schwardt et al., N. Y. (C.) R. 58:119,
1946.
- DIPS - PHENOTHIOXIN & SULFUR
(WETTABLE)
Schwardt et al., N. Y. (C.) R. 57:124,
1945.
- DIPS - PYRETHRUM & KEROSENE EX-
TRACT
Smith et al., USDA TB 905.59, 1946.
- DIPS - ROTENONE
Bishopp et al., USDA EPQ E-454:3,
1946.
Gaylord, USDA Ext. Serv. Rev. 16.
163, 1945.
Hall et al., USDA FB 1330 rev.:5,
1946.
Imes, Dairy Goat J. 25(6):7, 1947.
Imes et al., USDA Leaf. 13 rev.:8,
1946.
Imes et al., USDA FB 909 rev.:9,
1947.
Knowlton & Sorenson, Utah Ext. N. S.
C. 142:4, 1946.
Muma, Neb. Ext. C. 1548 rev.:4, 1947.
Schwardt et al., N. Y. (C.) R. 58:119,
1946.
Schwartz, U. S. Livestock Sanit. As-
soc. P. 49:75, 1946.
Schwartz, USDA YB f. 1943/47:73-74.

DIPS - ROTENONE--Continued.

- Schwartz et al., U. S. Livestock Sanit. Assoc. P. 50:96-97, 1947.
 Spencer, Neb. Cattle. 1(6):13, 1945.
 Tate, Neb. St. Bd. Agr. R. f. 1945:488-489.
 Watkins & Logan, N. Y. (C.) R. 57:125, 1945.

DIPS - ROTENONE & SOAP

- b Tauber et al., Iowa St. Col. J. Sci. 19:429-431, 1945.

DIPS - ROTENONE & SULFUR

- Baker, Iowa Vet. 18(6):9, 1947.
 Hixson, Okla. Ext. C. 387 rev.:15,27, 1946.

- Tate, Neb. St. Bd. Agr. R. f. 1945:491-492.

DIPS - ROTENONE & SULFUR (WET-TABLE)

- Schwardt & Matthyse, N. Y. (G.) Farm Res. 11(2):11-12, 1945.
 Smith, Colo. Ext. B. 389-A:33-34, 1946.
 Weaver et al., S. Dak. Ext. Leaf. 102:4,7, 1946. (Repr.)

DIPS - SODIUM FLUORIDE

- Bushnell & Twiehaus, Kans. B. 326:89-90, 1945.
 Conn. Handy Poult. Dis. Man.:84, 1947.
 Yager & Gleiser, Amer. Vet. Med. Assoc. J. 109:206-207, 1946.

DIPS - SODIUM FLUORIDE & SOAP

- Alp & Pilchard, Ill. Ext. C. 452 rev.:30, 1946.

DIPS - SULFUR

- Back, J. Ec. Ent. 39:721-723, 1946.
 Lesser, Agr. Chem. 1(7):29-30, 1946.

DIPS - SULFUR & SOAP

- Gannon, Ga. Ext. B. 524:24, 1945.

DIPS - SULFUR (CRYSTALS) & SOAP

- Gannon, Ga. Ext. B. 524 rev.:31, 1947.

DIPS - SULFUR (WETTABLE)

- Schwardt & Matthyse, N. Y. (G.) Farm Res. 11(2):11, 1945.

DIPS - TOBACCO DIP

- Horlacher & Hammonds, Sheep:234, 1945.

DIPS FOR CABBAGE SEEDLINGS

- Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:21, 1947.

DIPS FOR CATTLE

- Annand, USDA EPQ R. f. 1943/44:23; f. 1944/45:19.
 Cobbett, Amer. J. Vet. Res. 8:280-283, 1947.
 Furman, J. Ec. Ent. 40:672-675, 1947.
 Hixson, Okla. Ext. C. 387 rev.:15,27-28, 1946.
 Knapp & Lewis, For Sale, Want & Exch. B. 4(12):4, 1945.
 Knowlton & Sorenson, Utah Ext. N. S. C. 142:4, 1946.
 Muma & Derrick, Neb. Ext. CC 93:1, 1947.
 Portman, J. Ec. Ent. 40:134-135, 1947.
 Schwartz, U. S. Livestock Sanit. Assoc. P. 49:75, 1946.
 Smith, Colo. Ext. B. 389-A:33-34, 1946.
 Smith et al., USDA TB 905:58, 1946.
 Sobel & Doner, Soap & Sanit. Chem. 21:108, 1945.
 Spencer, Neb. Cattle. 19(6):13, 1945.

DIPS FOR CATTLE--Continued.

- Stewart, West. Livestock J. 23(11):51,118-119, 1945.
 Tate, Neb. St. Bd. Agr. R. f. 1945:488-489.
 Natl. Livestock Loss Prev. Bd., Cattle Grubs Must Go:16-17, 1945.
DIPS FOR CATTLE - DDT
 Cuff, Agr. Chem. 1(6):24-26, 1946.
 Cuff, Soap & Sanit. Chem. 22(8):136-137, 1946.
 Green, Control de Plagas 8:148,182, 1946.
 Kelly, Sheep & Goat Raiser 27(9):10, 1947.
 i Laake, Kans. Stockm. 30 [i.e. 29] (9):10-11, 1945.
 i Laake, J. Ec. Ent. 39:65-68, 1946.
 McGregor, Coastal Cattle. 12(7):28, 1946.
 Matthyse, J. Ec. Ent. 39:62-65, 1946.
 i Morris, Tex. Livestock J. 4(10):20-21; (11):32-33, 1945.
 Peterson, Southeast. Cattle. & Dairy J. 5(4):9,28, 1945.
 Sanders & Tissot, Fla. R. f. 1944/45:60,66.

- Simms, USDA BAI R. f. 1945/46:45; f. 1946/47:52-53.

- Smith, Colo. Ext. B. 389-A 33-34, 1946.

- Sundgren, South. Stockm. 5(12):22, 1945.

- Sundgren, West. Live Stock 31(5):18, 1945.

- Tissot, Fla. PB 630:3, 1947.

- Whitehead & Morrison, MacDonald Col. J. 7(9):9, 1947.

DIPS FOR CATTLE - DDT (WETTABLE)

- Gentry, Vet. Med. 42:186, 1947.

DIPS FOR CATTLE - DDT & PINE OIL

- Dove, USDA EPQ E-673:2,6, 1945.

DIPS FOR CATTLE - DDT & BENZENE

HEXACHLORIDE

- Simms, USDA BAI R. f. 1946/47:52-53.

DIPS FOR CATTLE - TOXICITY

- Maas, Amer. Vet. Med. Assoc. J. 110:249-250, 1947.

DIPS FOR DOGS

- Bishop et al., USDA EPQ E-454:3, 1946.

- Curran, Nat. Hist. 54:215, 1945.

- Lowry, Your Dog & Mine:64,67-68, 1947.

- McCroan & Ramsey, Med. Assoc. Ga. J. 36:243, 1947.

- Smith et al., USDA TB 905:54-59, 1946.

- Stage, J. Ec. Ent. 40:761, 1947.

- b Tauber et al., Iowa St. Col. J. Sci. 19:429-433, 1945.

DIPS FOR FOXES

- Garlick, Can. Silver Fox & Fur 11(9):16, 1945.

DIPS FOR GLADIOLUS CORMS

- Dustan, Can. Dept. Agr. Div. Ent. Processed Pub. 69:1-2, 1947.

- Granovsky, Minn. Hort. 75:118, 1947.

- Knight, N. Amer. Glad. Council B. No 3:7, 1945.

- DIPS FOR GLADIOLUS CORMS--Continued.
 McDaniel, Gladiolus 22:42, 1947.
 Ryan, Home Gard. (N. Y.) 8(6):59, 1946.
 Wheeler, Gladiolus 21:47-48, 1946.
- DIPS FOR GOATS
 Back, J. Ec. Ent. 39:721-723, 1946.
 Brown, J. Ec. Ent. 40:605, 1947.
 Imes, Dairy Goat J. 25(6):7-8, 1947.
 Parish & Rude, J. Ec. Ent. 38:612-613, 1945.
 Williams, USDA FB 1203 rev.:20, 1946.
- DIPS FOR MICE - TOXICITY
 Furman, J. Ec. Ent. 40:520-521, 1947.
- DIPS FOR MINK
 Garlick, Can. Silver Fox & Fur 11(9): 16, 1945.
 Joyce, Amer. Fur Breed. 18(8):22,24, 1946.
 Joyce, Natl. Fur News 17 [i.e. 18](4):7, 1946.
- DIPS FOR PINEAPPLE SLIPS
 Wolfenbarger, Fla. R. f. 1946/47:250.
- DIPS FOR PLANTS
 Annand, USDA EPQ R. f. 1943/44:31.
 Campbell, West. Grow. & Ship. 16(6): 22, 1945.
- DIPS FOR PLANTS - ETHYLENE DIBROMIDE & ETHYLENE DICHLORIDE
 Anderson, USDA R. Sec. f. 1946 147.
- DIPS FOR PLANTS - ETHYLENE DICHLORIDE
 Annand, USDA EPQ R. f. 1943/44:31-32, f. 1946/47 58.
- DIPS FOR PLANTS - HOT WATER
 Steinweden, Cal. Dept. Agr. B. 35:207, 1946.
- DIPS FOR PLANTS - LEAD ARSENATE (ACID) & OIL EMULSION
 Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:24.
- DIPS FOR PLANTS - LYSOL
 Dustan, Can. Dept. Agr. Div. Ent. Processed Pub. 69:2, 1947.
- DIPS FOR PLANTS - MERCURIC CHLORIDE
 Dustan, Can. Dept. Agr. Div. Ent. Processed Pub. 69:1-2, 1947.
 McDaniel, Gladiolus 22.42, 1947.
- DIPS FOR PLANTS - NICOTINE SULFATE & SOAP
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:21, 1947.
- DIPS FOR PLANTS - PHENOL
 Wheeler, Gladiolus 21:47-48, 1946.
- DIPS FOR POULTRY
 Bushnell & Twiehaus, Kans. B. 326: 89-90, 1945.
 Conn. Handy Poult. Dis. Man.:84, 1947.
 Gannon, Ga. Ext. B. 524:24, 1945.
- DIPS FOR SCREENS - DDT
 U. S. Army Med. B. 4:402-403, 1945.
- DIPS FOR SEED CORN - COPPER CARBONATE
 Plank, J. Ec. Ent. 39:315-316,318, 1946.
- DIPS FOR SEEDS - DDT
 Patrick et al., Assoc. Off. Seed Anal. P. 37:167-168, 1947.
- DIPS FOR SHEEP
 Baker, Mangt. & Feeding of Sheep: 218,224-225,227, 1947.
- DIPS FOR SHEEP--Continued.
 Bennett, Pract. Emulsions ed. 2:269-270, 1947.
 Cobbett & Smith, Amer. Vet. Med. Assoc. J. 107:147-148, 1945.
 Cobbett & Smith, Cal. Wool Grow. 21 (40, i.e. 39):8, 1945.
 Conn. Sheep Health ed. 2:106, 1945.
 Ewing & Itschner, Mo. Ext. B. 432 rev.:25, 1946.
 Fauks, Sheep & Goat Raiser 25(5):18, 1945.
 Gaylord, USDA Ext. Serv. Rev. 16: 163, 1945.
 Hall et al., USDA FB 1330 rev.:5,7, 9-10, 1946.
 Horlacher & Hammonds, Sheep:233-234, 1945.
 Kammlade, Ill. Ext. C. 534 rev.:34, 1946.
 Kammlade, Sheep Sci.:469, 1947.
 Kemper, N. Mex. Stockm. 10(1):38-39, 1945.
 Kemper et al., Amer. Vet. Med. Assoc. J. 111:196-199, 1947.
 McDonald, N. Dak. Ext. C. 190:33-34, 1947.
 MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:309-310, 1945.
 Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev.:456, 1946.
 Miller, USDA BAI R. f. 1944/45:34.
 Miller, Midwest Wool Grow. News 14(2):10-11, 1945.
 Muma, Neb. Ext. C. 1539, 2 p., 1946.
 Parish & Rude, J. Ec. Ent. 39:546, 1946.
 Schwardt & Matthyse, N. Y. (G.) Farm Res. 11(2):11-12, 1945.
 Stuckey, Ga. R. 59.49, 1947.
- DIPS FOR SWINE
 Kemper & Roberts, Amer. Vet. Med. Assoc. J. 108:252-254, 1946.
 Miller, USDA BAI R. f. 1944/45:34.
 Simms, USDA BAI R. f. 1946/47:57-58.
 Titus, Berkshire News 10(10) 16, 1945.
- DIPTERA
 Adrien Robert (Brother), Assoc. Can.-Franç. Avanc. Sci. Ann. 13: 94, 1947. (Abs.)
 i Fullaway & Krauss, Common Insects of Hawaii. 142-166, 1945.
 Murrill, Guide to Fla. Anim.:86-88, 1945.
- DIPTERA - ALBERTA
 Strickland, Can. J. Res. Sect. D 24: 157-173, 1946.
- DIPTERA - ARCTIC REGIONS
 U. S. Army Med. Dept. Bul. 7 991-993, 1947.
- DIPTERA - CHROMOSOMES
 b Beadle, Chem. Rev. 37:69, 1945.
 bi Ris & Crouse, Natl. Acad. Sci. P. 31:321-327, 1945.
- DIPTERA - CONNECTICUT
 bik Bromley, Conn. St. Geol. & Nat. Hist. Surv. B. 69,48 p., 1946.
 bik Matheson, Conn. St. Geol. & Nat. Hist. Surv. B. 68,48 p., 1945.

- DIPTERA - HABITS & BEHAVIOR - BALLOON-MAKING**
b Kessel & Karabinos, Pan-Pac. Ent. 23:181-192, 1947.
- DIPTERA - HALTERES**
i Lonert, Turtox News 25:21, 1947.
- DIPTERA - INSECTICIDES**
McIndoo, USDA EPQ E-713:89-106, 1947.
b Roark, USDA EPQ E-652, 126 p.; E-656:22-25, 1945; E-687:61-69, 1946.
- DIPTERA - LITERATURE - POETRY**
Twinn, Pests 14(1):13-14, 16, 18, 20; (2):16, 18, 20, 22, 1946.
- DIPTERA - MOUTH PARTS - EVOLUTION**
b Goldschmidt, Pan-Pac. Ent. 21:41-47, 1945.
- DIPTERA - NOMENCLATURE - FAMILIES**
Sabrosky, Ent. Soc. Wash. P. 48:163-171, 1946.
- DIPTERA - NOMENCLATURE - MEIGEN 1800**
Bradley, Science 104:256-257, 1946.
Rapp, Science 102:17-18, 1945.
Rapp, Ent. News 57:81-82, 1946.
Stone, Science 102:335, 1943.
- DIPTERA - PERMEABILITY TO WATER - EFFECT OF DDT**
Buck & Keister, Anat. Rec. 94:375, 1946. (Abs.)
- DIPTERA - POPLARS**
Adrien Robert (Brother), Assoc. Can.-Franç. Avanc. Sci. Ann. 12:86, 1946. (Abs.)
- DIPTERA - RING GLAND**
bi Poulson, Conn. Acad. Arts & Sci. Trans. 36:449-488, 1945.
- DIPTERA - STRATIFICATION IN FORESTS**
Dowdy, Ecology 28:431-432, 437, 1947.
- DIPTERA - THERAPEUTIC USE**
b Weiss, N. Y. Ent. Soc. J. 55:165, 1947.
- DIPTERA & ATMOSPHERIC PRESSURE**
b Wellington, Can. J. Res. Sect. D 24:105-117, 1946.
- DIPTILOMIOPUS PRUNORUM** Keif.
Venables, Can. Ins. Pest Rev. 24:119, 1946.
- DIRHINUS Dalm. - NEARCTIC**
nik Burks, Ent. Soc. Wash. P. 49:136-140, 1947.
- DISCOCEPHALINI - TESTES**
bi Schrader, Biol. Bul. 90:265-290, 1946.
- DISEASES OF INSECTS**
Steinhaus, Cit. Leaves 27(7):10, 1947.
- DISEASES OF INSECTS - BACTERIAL**
i Bohard, Hilgardia 17:292-293, 1947.
Steinhaus, J. Ec. Ent. 38:718, 1945.
- DISEASES OF INSECTS - BACTERIAL - HORNWORM SEPTICEMIA**
i Madden & Chamberlin, USDA TB 896:48-49, 1945.
- DISEASES OF INSECTS - BACTERIAL - MILKY DISEASE**
b Adams & Wheeler, J. Ec. Ent. 39:248-254, 1946.
- DISEASES OF INSECTS - BACTERIAL - MILKY DISEASE --Continued.**
Annand, USDA EPQ R. f. 1943/44:4; f. 1944/45:25; f. 1945/46:23-24; f. 1946/47:26.
bi Beard, Conn. B. 491:505-583; 501:66-71, 1946.
Beard, Science 103:371-372, 1946.
Beard, Sci. News Let. 49:239, 1946.
Brantley, Amer. Fruit Grow. 65(5):32, 1945.
Brantley, Gard. Chron. Amer. 49:79, 1945.
Brantley, Greenkeepers' Rptr. 13(2):19, 1945.
Brantley, South. Home & Gard. 12(12):17, 1945.
Bromley, J. Ec. Ent. 40:237, 1947.
Buchholz, N. Y. Dept. Agr. & Mkts. R. f. 1944:104-105, 1945; f. 1945:128-129, 1947; f. 1946/47:133-134.
Carruth et al., N. Y. (G.) B. 715:12-13, 1946.
Carter, Hawaiian Acad. Sci. P. 16:8, 1945. (Abs.)
i Easter, J. Ec. Ent. 40:632-634, 1947.
French, Va. Dept. Agr. & Immigr. B. 446:9; 449:9, 1946.
French, Va. Dept. Agr. & Immigr. R. f. 1945/46:51.
Hadley, USDA EPQ E-727.6-7, 1947.
Jennings, R. I. Misc. Pub. 26:16, 1945.
Knutson, R. I. Dept. Agr. & Conserv. R. 12:36, 1947.
i Polivka, Ohio B. 665:42, 1946, 673:75-76, 1947.
Polivka, Ohio Bimo. B. Farm & Home Res. 32:146-148, 1947.
Porter, Ent. Soc. Wash. P. 48:108-109, 1946. (Abs.)
Schread, Conn. B. 488:331-337, 1945; 501:64-65; 512:49, 1946.
i Schread, Conn. B. 505:10-13, 20, 1947.
Schwardt & Pendelton, N. Y. (C.) R. 57:121, 1945; 58:117-118, 1946.
Slate, Conn. B. 484:59-60, 1945.
Slate, Conn. R. f. 1944/45:17-18; f. 1945/46:12.
Stearns & Rice, Del. B. 259:20, 1945.
Van Dine, USDA Agr. Res. Adm. R.A. S. 13(E), 2 p., 1945.
Wheeler, N. Y. St. Hort. Soc. P. 92:166-167, 1947.
i Wheeler & Adams, N. Y. (G.) Farm Res. 11(1):14-15, 1945.
Wheeler & Adams, N. Y. (G.) R. 65:18-19, 1947.
b White, J. Ec. Ent. 40:912-914, 1947.
- DISEASES OF INSECTS - BACTERIAL - MILKY DISEASE - COLONIZATION**
White & McCabe, USDA EPQ E-704, 6 p., 1946.
- DISEASES OF INSECTS - BACTERIAL - MILKY DISEASE - EFFECT OF SUN**
White, USDA EPQ E-703.4 p., 1946.
- DISEASES OF INSECTS - IMMUNITY**
bi Steinhaus, Ins. Microbiol. 555-572, 1946.

- DISEASES OF INSECTS - VIRUS
 bl Steinhilber, Ins. Microbiol.:413-432, 1946.
 Steinhilber, Science 106:323, 1947.
- DISEMA sp.
 Doucette, J. Ec. Ent. 41:765, 1941.
- DISINFESTATION
 i U. S. War Dept. TB Med. 194(PB-2436):4-8, 1945.
- DISINFESTATION, see also DELOUSING, FUMIGATION
- DISINFESTATION - AIR RAID SHELTERS
 Wheeler, Amer. J. Pub. Health 36: 125-126, 1946.
- DISINFESTATION - AIRCRAFT
 Annand, USDA EPQ R. f. 1945/46:19.
 Fullaway, Hawaii Bd. Comms. Agr. & For. Bien. R. f. 1944/46:35-36.
 Gaddis & Goodhue, J. Ec. Ent. 40:240-244, 1947.
 Herms, Cal. Mosq. Control Assoc. P. 14.99-103, Pests 14(9):24,26, 1946.
 McFarland, Human Factors in Air Transport Design 182-195,204-206, 1946.
 McIntire, U. S. Navy Nav. Med. 117 rev.:413-414, 1945.
 Madden et al., J. Ec. Ent. 38:252-254, 1945.
 Magath & Knies, Mil. Surg. 96:219-221, 1945.
 b Miller et al., Natl. Malar. Soc. J. 6 239-240, 1947.
 Shillito, N. J. Mosq. Exterm. Assoc. P. 32:241-242, 1945.
 Snow, Ofic. Sanit. Pan Amer. B. 25 889-896, 1946.
- DISINFESTATION - AIRCRAFT - APPARATUS
 i McFarland, Human Factors in Air Transport Design.191-195, 1946.
- DISINFESTATION - AIRCRAFT - DDT
 Madden et al., J. Ec. Ent. 38:252-254, 1945.
 Madden et al., Pest Control & Sanit. 1(3):19, 1946.
 U. S. War Dept. TB Med 194(PB-2436). 24, 1945.
- DISINFESTATION - BEDDING & CLOTHING
 Annand, USDA EPQ R. f. 1946/47:18.
 i Latta et al., USDA C. 745,40 p., 1945.
 Marshall & Ullo, War Med. 7(1):42, 1945.
 Ortiz-Mariotte et al., Amer. J. Pub. Health 35:1194-1195, 1945.
 i Richardson, Pests 15(9):20, 1947.
 Stage & Knipling, Reunion Interamer. del Tifo Pub. Ofic. 1:279-280, 1947.
 Stone & LaHue, J. Ec. Ent. 39:581-588, 1946.
 Strode, Rockefeller Found. Internatl. Health Div. R. f. 1945:83-86.
 Wheeler, Amer. J. Pub. Health 36:122-125,127, 1946.
 i USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:51-55, 1946.
 i U. S. War Dept. TB Med 194(PB-2436):18-20,24-25, 1945.
- DISINFESTATION - BUILDINGS
 Dews & Morrill, J. Ec. Ent. 39:350-355, 1946.
- DISINFESTATION - BUILDINGS--Continued.
 Dykstra, Anim. Sanit. & Dis. Control rev.:220-224, 1946.
 U. S. Army Med. Dept. Bul. 4:633, 1945.
- DISINFESTATION - FLOUR MILLS
 Packard, USDA EPQ E-640:8, 1945.
- DISINFESTATION - INSTITUTIONS
 Wheeler, Amer. J. Pub. Health 36: 125, 1946.
- DISINFESTATION - LABORERS - MEXICAN BORDER
 Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:72.
- DISINFESTATION - PLANT MATERIALS
 Annand, USDA EPQ R. f. 1943/44:52, 1945; f. 1944/45:59-60, 1946, f. 1945/46:59, 1947.
- DISINFESTATION - POULTRY HOUSES
 Kulash & Maxwell, J. Ec. Ent. 38:606, 1945.
 Telford, J. Ec. Ent. 38:701-703, 1945.
- DISINFESTATION - PROCEDURES
 U. S. War Dept. TB MED 184,6 p., 1945.
- DISINFESTATION - SHIPS
 Farber, U. S. Navy BUMED News Let. 7(5):25-26, 1946.
 Richardson, Pests 15(9):22,24, 1947.
- DISONYCHA Chev.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:57, 1945.
- DISONYCHA ALTERNATA (Ill.)
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:72, 1947.
- DISONYCHA CAROLINIANA (F.) (FIVE-STRIPED WILLOW BEETLE)
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 58, 1946.
 Peterson, Can. Ins. Pest Rev. 24:109, 1946.
- DISONYCHA QUINQUEVITTATA F., see DISONYCHA CAROLINIANA (F.)
- DISONYCHA TRIANGULARIS (Say)
 Bird & Mitchener, Can. Ins. Pest Rev. 25:41, 1947.
- DISSOSTEIRA CAROLINA (L.) (CAROLINA GRASSHOPPER)*
 Hammond, Can. Ins. Pest Rev. 25:8, 1947.
 Smith et al., Kans. Ent. Soc. J. 20 53, 1947.
 Wressell, Can. Ins. Pest Rev. 24:53, 1946.
- DISSOSTEIRA LONGIPENNIS (Thos.) (LONG-WINGED PLAINS GRASSHOPPER)*
 Shockley, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:2, 1945.
- DISTENIA UNDATA (F.)
 i Knull, Ohio Biol. Surv. B. 39:150-151, 1946.
- DIVERSINERVUS ELEGANS Silv. - EGGS & LARVAE
 i Maple, Cal. Univ. Pub. Ent. 8:76-78, 1947.
- *DOBSOFLY, see CORYDALUS CORNUTUS (L.)

- DODDER INSECTS**
Knowlton, Great Basin Nat. 8:36, 1947.
- ***DOG BITING LOUSE**, see **TRICHODECTES CANIS** (Deg.)
- ***DOG FLEA**, see **CTENOCEPHALIDES CANIS** (Curt.)
- DOG FLY**, see **STOMOXYS CALCITRANS** (L.)
- ***DOG FOLLICLE MITE**, see **DEMODEX CANIS** Leydig
- ***DOG SUCKING LOUSE**, see **LINOGNATHUS SETOSUS** (Olf.)
- DOG TICK**, see **RHIPICEPHALUS SANGUINEUS** (Latr.)
- DOGS - PESTS**
Alicata, Pac. Sci. 1:77,80-81, 1947.
Covault, Vet. Student 8:201-203, 1946.
Denlinger, Complete Dachshund:169-175, 1947.
b Dikmans, Amer. J. Vet. Res. 6:232-233,240-241, 1945.
i Lowry, Your Dog & Mine:63-68, 1947.
i Westcott, Cocker Spaniel Visitor 9 (9):7, 1947.
- DOGS - PESTS - INSECTICIDES - DDT**
Eastman et al., N. Amer. Vet. 27:415-419, 1946.
- DOG'S HEAD BUTTERFLY**, see **ZERENE CAESONIA** (Stoll)
- ***DOGWOOD BORER**, see **THAMNOPHEDIA SCITULA** (Harr.)
- DOGWOOD CAMBIUM BORER**, see **AGRILUS CEPHALICUS** Lec.
- DOGWOOD INSECTS**
French, Gard. Gossip 21(4):7, 1946;
22(2):13, 1947.
- DOGWOOD TWIG BORER**, see **OBBERA TRIPUNCTATA** (Swed.)
- DOLICHOPODIDAE**
Harmston, Utah Acad. Sci. Arts & Let. P. 23:97-99, 1947.
Harmston & Knowlton, Kans. Ent. Soc. J. 18:77-81, 1945.
nk Harmston & Knowlton, Amer. Mid. Nat. 38:671-674, 1946.
- DOLICHOPSYLLIDAE - INSECTICIDES**
Roark, USDA EPQ E-654:2, 1945.
- DOLICHOPUS** Latr.
Steyskal, Bklyn. Ent. Soc. B. 42:34-38, 1947.
- DOLICHOTARSUS** Brooks
n Brooks, Can. Ent. 77:94-95, 1945.
- DOLICHOTARSUS GRISEUS** Brooks
n Brooks, Can. Ent. 77:95-96, 1945.
- DOLICHOTARSUS KINGI** Brooks
n Brooks, Can. Ent. 77:95, 1945.
- DOLICHOTETRANYCHUS FLORIDANUS** (Banks)
Osburn, J. Ec. Ent. 38:610, 1945.
- DOLICHOVESPULA** Roh., see **VESPULA** (DOLICHOVESPULA) Roh.
- DOLOMEDES ALBINEUS** Hentz, see **DOLOMEDES RUFUS** Deg.
- DOLOMEDES RUFUS** Deg. - **HABITS & BEHAVIOR**
Herring & Dowling, Fla. Ent. 30:42, 1947.
- DOMESTIC ANIMALS**, see **LIVESTOCK**
- DONACIVOLA SACCHARELLA** Busck
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
- DOODLE - BUGS**, see **MYRMELEONTIDAE**
- DOORYARD INSECTS**
Michelbacher, Pests 15(6):14, 1947.
- DOORYARD SOWBUG**, see **PORCELLIO LAEVIS** Latr.
- DORATOPSYLLA BLARINAE** Fox
MacCreary, J. Ec. Ent. 38:127, 1945.
- DORCASHEMA ALTERNATUM** (Say),
D. NIGRUM (Say), D. WILDII Uhl.
i Knoll, Ohio Biol. Surv. B. 39:240-242, 1946.
- DORCASHEMATINI**
nik Dillon & Dillon, Amer. Ent. Soc. Trans. 73:173-298, 1947.
- DORILAIIDAE**
Hardy, Kans. Ent. Soc. J. 19 135-137, 1946.
ni Hardy, Kans. Ent. Soc. J. 20:146-153, 1947.
- DORSICHA** sp.
Morrill & Otones, J. Ec. Ent. 40:599, 1947.
- DORU ALBIPES** (F.)
Martorell, P. R. Univ. J. Agr. 29:356, 1945.
- DORU LINEARE** (Esch.)
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:546, 1946.
- DORYMYRMEX PYRAMICUS** (Roger)
(PYRAMID ANT)*
Fautin, Ecol. Monog. 16:265,267,270, 1946.
Hoffmann, J. Ec. Ent. 38:376, 1945.
- DORYPHOROPHAGA DORYPHORAE** (Riley)
Bird et al., Can. Ins. Pest Rev. 25:37, 1947.
- DORYTOMUS BREVISETOSUS** Casey - **GENITALIA - MALE**
i Bruhn, Great Basin Nat. 8:15, 1947.
- DOTTED-LINE LOOPER**, see **PROTOBOARMIA PORCELARIA** (Guen.)
- ***DOUGLAS-FIR BEETLE**, see **DENDROCTONUS PSEUDOTSUGAE** Hopk.
- ***DOUGLAS-FIR TUSsock Moth**, see **HEMEROCAMPA PSEUDOTSUGATA** McD.
- DRAECULACEPHALA** sp.
Williams, Hawaiian Ent. Soc. P. 13:29, 1947.
- DRAECULACEPHALA CUBANA** Metc. & Bruner
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
- DRAECULACEPHALA MINERVA** Ball & ALFALFA DWARF DISEASE
Hewitt et al., Phytopathology 36:117-128, 1946.
- DRAECULACEPHALA MINERVA & PIERCE'S DISEASE OF GRAPE-VINES**
Freitag et al., Wine Rev. 132:20,22,28, 1945.

- DRAECULACEPHALA MINERVA & PIERCE'S DISEASE OF GRAPE-VINES**--Continued.
Hewitt et al., *Phytopathology* 36:117-128, 1946.
Houston et al., *Phytopathology* 36:401-402, 1946. (Abs.); 37:247-253, 1947.
McComb, *Cal. Fruit & Veg. Rev.* 6(1): 21, 1945.
- DRAECULACEPHALA MINERVA & VIRUS DISEASES OF PLANTS**
Jensen, *Hawaiian Ent. Soc. P.* 12:552, 557, 566, 1946.
- DRAECULACEPHALA MOLLIPES (Say)**
Bohard, *Hilgardia* 17:303, 1947.
Holdaway, *Hawaiian Ent. Soc. P.* 12: 471-472, 1946.
Holdaway et al., *Hawaii R. f.* 1944/46: 78-79, 1947.
- DRAECULACEPHALA MOLLIPES & VIRUS DISEASES OF PLANTS**
Jensen, *Hawaiian Ent. Soc. P.* 12:563, 565, 566, 1946.
- DRAECULACEPHALA PORTOLA** Ball & **CHLOROTIC STREAK OF SUGAR-CANE**
Abbott, *Phytopathology* 37:165, 1947.
Ingram et al., *Sugar J.* 9(11):23-24, 1947.
Jensen, *Hawaiian Ent. Soc. P.* 12:566-567, 1946.
- DRAGONFLIES, see ODONATA**
- DRASTERIUS** Esch. - **PARTHENOGENESIS**
Valentine, *Ent. Soc. Wash. P.* 47:299-300, 1945. (Abs.)
- DRASTERIUS ELEGANS (F.)**
Bryson, *Kans. Bien. R.* 13:65, 1946.
- DRASTERIUS MELLILLUS (Say) - LARVAE**
Jewett, *Ky. B.* 489:17-18, 1946.
- DREPANAPHIS ACERIFOLIAE (Thos.) (PAINTED MAPLE APHID)***
Davis, *Ind. Acad. Sci. P.* 56:151-152, 1947?
- DRIED FOOD INSECTS**
Cotton, *Inst. Food Technol. P.* 6:49-53, 1945; *Pests* 14(10):50, 52, 54, 1946.
- DRIED FRUIT INSECTS**
Donohoe, *Pests* 14(9):32, 34; (10):14, 16, 1946.
Gillogly, *Pan-Pac. Ent.* 22:22-24, 1946.
Simmons, *Pest Control & Sanit.* 2(7): 25, 27, 1947.
Simmons & Fisher, *J. Ec. Ent.* 38: 715-716, 1945.
- DRIED FRUIT INSECTS - INSECT-PROOF CONTAINERS**
Simmons, *Pest Control & Sanit.* 2(7): 27, 1947.
- *DRIED-FRUIT BEETLE, see CARPOPHILUS HEMPTERUS (L.)**
- *DRIED-FRUIT MITE, see CARPOGLYPHUS LACTIS (L.)**
- *DRIED-FRUIT MOTH, see VITULA SERRATILINELLA Rag.**
- DRIED PRUNE MOTH, see APHOMIA GULARIS (Zell.)**
- DROMOGOMPHUS Selys - NYMPHS**
Wright, *Tenn. Acad. Sci. J.* 21: 183-186, 1946.
- DRONE FLY, see TUBIFERA TENAX (L.)**
- DROSOPHILA Fall.**
Back, *USDA EPQ E-313 rev.*, 1 p., 1945.
Hoerner, *West. Colo. Hort. Soc. Trans. f.* 1944:60, 1945.
Marcovitch & Stanley, *Tenn. R.* 58: 116-117, 1946.
Stirrett, *Can. Ins. Pest Rev.* 25:120, 1947.
- DROSOPHILA - ABNORMALITIES**
Vilée, *Elisha Mitchell Sci. Soc. J.* 61:291-300, 1945.
- DROSOPHILA - BRAIN - SENSORY AREAS**
Power, *Anat. Rec.* 96:509, 1946. (Abs.)
- DROSOPHILA - CHROMOSOMES & DEVELOPMENT, EMBRYONIC**
Poulson, *Amer. Nat.* 79:340-363, 1945.
- DROSOPHILA - CYTOGENETICS**
Kaufmann & Gay, *Carnegie Inst. Wash. YB* 44:121-127, 1945.
- DROSOPHILA - EGGS**
Patterson, *Science* 101:156, 1945.
- DROSOPHILA - EYES - COLOR**
Beadle, *Chem. Rev.* 37:33-35, 77-78, 80, 1945.
Ephrussi, *Genetics*, 30:71-83, 1945.
Ephrussi & Herold, *Genetics* 30: 62-70, 1945.
Gersh & Ephrussi, *Natl. Acad. Sci. P.* 32:87-94, 1946.
Wald & Allen, *J. Gen. Physiol.* 30: 41-46, 1946.
- DROSOPHILA - GENETICS**
Patterson et al., *Tex. Univ. Pub.* 4720, 184 p., 1947.
Wright, *Ann. Rev. Physiol.* 7:75-106, 1945.
- DROSOPHILA - IMAGINAL DISCS - RESPIRATION**
Vilée, *Anat. Rec.* 96:508-509, 1946. (Abs.)
Vilée, *Biol. Bul.* 91:213, 1946. (Abs.)
- DROSOPHILA - MENTZEL DESCRIPTION, 1683**
Peyer, *J. Hered.* 38:195-199, 1947.
- DROSOPHILA - NERVOUS SYSTEM - EFFECT OF DDT**
Bodenstein, *Biol. Bul.* 90:148-157, 1946.
- DROSOPHILA - NERVOUS SYSTEM - EFFECT OF NARCOTICS**
Bodenstein, *Biol. Bul.* 90:148-157, 1946.
- DROSOPHILA - NUTRITION - AMINO ACIDS**
Wilson, *Growth* 9:145-154, 1945; 10:361-373, 1946.
- DROSOPHILA - NUTRITION - NUCLEIC ACIDS**
Vilée & Bissell, *Biol. Bul.* 93:213, 1947. (Abs.)

DROSOPHILA - REPRODUCTION

bi Bodenstein, J. Expt. Zool. 104:101-151, 1947.

DROSOPHILA - RESPIRATION & FLIGHT

bi Chadwick, Biol. Bul. 93:229-239, 1947.

DROSOPHILA - SEXUAL ISOLATION

b Dobzhansky, Ecology 27:205-211, 1946.

b Levene & Dobzhansky, Natl. Acad. Sci. P. 31:274-281, 1945.

Mayr, Natl. Acad. Sci. P. 32:57-59, 1946.

b Mayr & Dobzhansky, Natl. Acad. Sci. P. 31:75-82, 1945.

bi Tan, Genetics 31:558-573, 1946.

DROSOPHILA - SPERMATOZOA

Patterson, Science 101:156, 1945.

DROSOPHILA - TAXONOMY - PARALLEL CHARACTERS

b Hovanitz, Mich. Univ. Lab. Vertebrate Biol. Contrib. 32:12-19, 21-24, 1947.

DROSOPHILA - TUMORS

b Beadle, Chem. Rev. 37:53, 1945.

DROSOPHILA - X-RAYS

b Beadle, Chem. Rev. 37:72-75, 1945.

b Fano, Science 106:87-88, 1947.

Fosdick, Rockefeller Found. R. f. 1945:159.

Kaufmann & Hollaender, Genetics 30:11-12, 1945. (Abs.)

bi Kaufmann et al., Genetics 31:349-376, 449-453, 1946.

b King, Genetics 32:161-164, 1947.

bi Sturtevant, Genetics 31:259-268, 1946.

i Villee, J. Expt. Zool. 101:261-280, 1946.

DROSOPHILA & LIGHT

b Villee & Lavin, Science 105:188-189, 1947.

DROSOPHILA & POLIOMYELITIS

Robinson & Sweadner, Pa. Med. J. 48:1236-1237, 1945.

DROSOPHILA (CARDINI GROUP)

bi Streisinger, N. Y. Ent. Soc. J. 54:105-113, 1946.

DROSOPHILA (REFLETA COMPLEX) - HYBRIDIZATION

Sturtevant, Natl. Acad. Sci. P. 32:84-87, 1946.

Wharton, Genetics 31:235, 1946. (Abs.)

DROSOPHILA sp. - INSECTICIDES

Roark, USDA EPQ E-721:10, 1947.

DROSOPHILA sp. - PREDATORS

Wharton & Carver, Science 104:77, 1946.

DROSOPHILA AMPELOPHILA Loew, see DROSOPHILA MELANOGASTER Meig.

DROSOPHILA BUSCKII Coq.

Davis, Hawaiian Ent. Soc. P. 13:14, 1947.

DROSOPHILA FUNEBRIS (F.) & MYIASIS

James, USDA Misc. Pub. 631:157, 1947.

DROSOPHILA GIBBEROSA Patt. & Main. - METABOLISM, IODINE

i Wheeler, Natl. Acad. Sci. P. 33:298-302, 1947.

DROSOPHILA HYDEI Sturt. - NUTRITION

b Chu, Tex. Rpts. Biol. & Med. 3:513-527, 1945.

DROSOPHILA HYDEI & POLLINATION - GUAYULE

Gardner, Amer. Soc. Agron. J. 39:227-233, 1947.

DROSOPHILA MELANOGASTER Meig.

Condit, Fig:185, 1947.

DROSOPHILA MELANOGASTER - ATTRACTANTS

Weiess, N. Y. Ent. Soc. J. 55:114, 1947.

DROSOPHILA MELANOGASTER - CHOLINESTERASE ACTIVITY

Poulson & Boell, Anat. Rec. 96:508, 1946. (Abs.)

Poulson & Boell, Biol. Bul. 91:228, 1946. (Abs.)

DROSOPHILA MELANOGASTER - CYTOLOGY

bi Slang-Hsu, J. Morph. 81:161-193, 1947.

DROSOPHILA MELANOGASTER - EFFECT OF THIOUREA

Harnly & Goldsmith, Anat. Rec. 96:566, 1946. (Abs.)

DROSOPHILA MELANOGASTER - EGGS - PRODUCTION

bi Gowen & Johnson, Amer. Nat. 80:149-179, 1946.

DROSOPHILA MELANOGASTER - FERTILITY

b Anderson, Genetics 30:280-296, 1945.

Oliver & Anderson, Amer. Nat. 79:89-94, 1945.

DROSOPHILA MELANOGASTER - GYANDROMORPHS

Griffen & Lindsley, Anat. Rec. 96:555-556, 1946. (Abs.)

DROSOPHILA MELANOGASTER - IMAGINAL DISCS - TRANSPLANTATION

b Bozeman, Transplan. of Imag. Discs in Bar Ser. Drosophila melanogaster, 12 p., 1945. (Abs.)

DROSOPHILA MELANOGASTER - INSECTICIDES

b Goldsmith & Harnly, Science 103:649-651, 1946.

Kirkwood & Dacey, Can. J. Res. Sect. B. 24:71-72, 1946.

Metcalf & Gunther, Amer. Chem. Soc. J. 69:2579-2580, 1947.

b Proverbs & Morrison, Can. J. Res. Sect. D 25:12-44, 1947.

DROSOPHILA MELANOGASTER - LARVAE - EFFECT OF DINITROPHENOL

b Thornton, Growth 11:51-60, 1947.

DROSOPHILA MELANOGASTER - NERVOUS SYSTEM - ANTENNAL CENTERS

bi Power, J. Compar. Neurol. 85:485-515, 1946.

DROSOPHILA MELANOGASTER - NUTRITION - AMINO-ACIDS

Rudkin & Schultz, Anat. Rec. 99:613, 1947. (Abs.)

bi Wilson, Growth 9:341-352, 1945.

- DROSOPHILA MELANOGASTER - NUTRITION - VITAMIN DEFICIENCY**
Williams, Amer. Nat. 79:259-270, 1946
- DROSOPHILA MELANOGASTER - PRODUCTIVITY - EFFECT OF ZINC SULFATE**
Greiff, Genetics 30:7-8, 1945. (Abs.)
- DROSOPHILA MELANOGASTER - PUPARIUM - SURFACE AREA**
bi Ellenby, J. Expt. Zool. 98:23-33, 1945.
- DROSOPHILA MELANOGASTER - REARING - MEDIUM**
Schultz et al., Anat. Rec. 96:540, 1946. (Abs.)
- DROSOPHILA MELANOGASTER - SPERM FORMATION**
b Tihen, Amer. Nat. 80:389-393, 1946.
- DROSOPHILA MELANOGASTER - TRACHEAL SYSTEM - PERMEABILITY**
b Edwards, Fla. Acad. Sci. Quart. J. 9:41-45, 1946.
- DROSOPHILA MELANOGASTER - TUMORS**
b Hartung, J. Expt. Zool. 106:223-232, 1947.
Wilson, Anat. Rec. 99:600, 1947. (Abs.)
- DROSOPHILA MELANOGASTER - X-RAYS**
b Kaufmann & Gay, Natl. Acad. Sci. P. 33:366-372, 1947.
i Kodani & Stern, Science 104 620-621, 1946.
- DROSOPHILA MELANOGASTER & MYIASIS**
i James, USDA Misc. Pub. 631:156-157, 1947.
- DROSOPHILA MELANOGASTER & POLIOMYELITIS**
b Toomey et al., J. Infect. Dis. 81:135-138, 1947.
- DROSOPHILA MELANOGASTER & POLLINATION - GUAYULE**
Gardner, Amer. Soc. Agron. J. 39: 227-233, 1947.
- DROSOPHILA MELANOGASTER & TEMPERATURE**
Blanc, Genetics 30:1-2, 1945. (Abs.)
bi Friedland & Harnly, Biol. B. 88: 247-253, 1946.
Luce, Ill. St. Acad. Sci. Trans. 38 111-112, 1946.
- DROSOPHILA MELANOGASTER IN REARING DIETS**
Baldof, Ent. Soc. Amer. Ann. 40:576-597, 1947.
- DROSOPHILA REPLETA Wöhl. - INTERSEXES**
Sturtevant, Natl. Acad. Sci. P. 32:84-87, 1946.
- DROSOPHILA ROBUSTA Sturt. - MORPHOLOGY**
Carson & Stalker, Anat. Rec. 94:383, 1946. (Abs.)
Stalker & Carson, Genetics 31:231, 1946. (Abs.)
- DROSOPHILA SIMULANS Sturt.**
bi Bodenstern, Biol. Bul. 91:288-294, 1947.
Manson et al., Can. Ins. Pest Rev. 24: 103, 1946.
- DROSOPHILIDAE - POETRY**
Twinn, Pests 14(2):22, 1946.
- DROSOPHILIDAE & MYIASIS**
i James, USDA Misc. Pub. 631:155-157, 1947.
- DROUGHT & INSECTS, see WEATHER & INSECTS - DROUGHT**
- *DRUG-STORE BEETLE, see STEGOBIUM PANICEUM (L.)**
- DRUGS & INSECTS - DI-ISOPROPYL FLUOROPHOSPHATE**
bi Roeder et al., J. Neurophysiol. 10: 5-10, 1947.
- DRY BERRY DISEASE OF LOGANBERRIES, see PHYLLOOPTES GRACILIS & DRY BERRY DISEASE OF LOGANBERRIES**
- DRY FLY ENTOMOLOGY**
i Marinaro, Pa. Angler 16(7):4, 11-12, 1947.
i Wetzel, Pract. Fly Fishing ed. 2 168-283, 1945.
i Wetzel, Du Pont Mag. 41(6):10-11, 1947.
- DRY WOOD TERMITES, see KALOTERMITIDAE**
- DRYOBIBUS SEXFASCIATUS (Say)**
i Knull, Ohio Biol. Surv. B. 39:188-189, 1946.
- DRYOCOETES AFFABER (Mann.)**
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 57, 1947.
- DRYOCOETES BETULAE Hopk.**
i Beal & Massey, Duke Univ. School For. B. 10:159-160, 1945.
- DRYOCOETES CONFUSUS Swaine (WESTERN BALSAM BARK BEETLE)***
Hopping, Can. Dept. Agr. Div. Ent. Processed Pub. 49:3-8, 1946.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:81, 1947.
Leech, Can. Ins. Pest Rev. 25:59, 1947.
- DRYOCOETES PICEAE Hopk.**
Beal & Massey, Duke Univ. School For. B. 10:160, 1945.
- DRYOPEDIA MORRISONI Baker**
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):6.
- DUCKS - INSECT FOOD, see BIRDS & INSECTS - DUCKS**
- DUFUREA Lep. - NORTH AMERICA**
n Bohart, Ent. Soc. Amer. Ann. 40: 692-704, 1947.
- DUGESIELLA CRINITA Pocock**
Baerg, Conn. Acad. Arts & Sci. Trans. 36:109, 1945.
- DUSKY LEAF ROLLER, see AMORBIA HUMEROSANA Clem.**
- DUSKY SILVER-SPOT, see SPEYERIA HYDASPE RODOPHE (Edwards)**
- DUST ADJUVANTS**
Graham, B. C. Lumberm 29(4):122, 1945.
- DUST ADJUVANTS - ADHESIVES**
Borden, J. Ec. Ent. 40:927, 1947.
- DUST ADJUVANTS - ANTIOXIDANTS**
b Bushland et al., Soap & Sanit. Chem. 21(11):119, 121, 1945.

DUST ADJUVANTS - DILUENTS

- Annand, USDA EPQ R. f. 1943/44:22;
f. 1944/45:19; f. 1946/47:4,13.
b Bushland et al., Soap & Sanit. Chem.
21(11):119,121, 1945.
Campbell, R. I. R. 58:26-27, 1947.
Chisholm & Koblitksky, Agr. Chem. 2
(9):35,37, 1947.
Gould, Ind. R. 58:56, 1945.
Howard et al., USDA Misc. Pub. 526
rev.:11-12, 1945.
Imes et al., USDA FB 909 rev.:6, 1947.
King & Parks, Ohio Veg. & Potato
Grow. Assoc. P. 32:17-18, 1947.
McClintock & Fisher, Spray Chem. &
Appl. Equip.:143-144, 1945.
Mail, Chem. Indus. 60:220, 1947.
b Mayer et al., USDA EPQ E-720:11,
1947.
Morrison et al., Oreg. C. Inform. 39:3:
5, 1946.
Smith & Michelbacher, J. Ec. Ent. 39:
646-647, 1946.
Telford, J. Ec. Ent. 40:929-930, 1947.
Trullinger et al., USDA OES R. f.
1945/46:116-117, 1947.
Turner, Conn. B. 488:357-358, 1945.
Turner, Conn. Veg. Grow. Assoc. P.
35:60-61, 1947.
Turner, J. Ec. Ent. 40:592, 1947.
Watkins & Norton, Properties & Com.
Sources of Insectic. Dust Diluents &
Carriers, 259 p., 1947.
Watkins et al., N. Y. (C.) R. 59:118,
1947.
Wilson & Jackson, J. Ec. Ent. 39:290-
295, 1946.
Wilson & Jackson, Wis. B. 469:68-69,
1946.
Ind. Ext. Leaflet 269:6-9, 1945.
USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R.:2,4-5,7-9, 1947.

DUST ADJUVANTS - DILUENTS - CALCIUM CARBONATE

- Telford, J. Ec. Ent. 40:929-930, 1947.
DUST ADJUVANTS - DILUENTS - CLASSIFICATION

- b Watkins & Norton, J. Ec. Ent. 40:
211-214, 1947.
DUST ADJUVANTS - DILUENTS - DIATOMACEOUS EARTH

- b Turner, J. Ec. Ent. 39:149-158, 1946.
DUST ADJUVANTS - DILUENTS - EFFECT ON BEAN YIELD

- b Johnson & Stadel, J. Ec. Ent. 39:
145-148, 1946.

- DUST ADJUVANTS - DILUENTS - LIMESTONE, FLORIDA
i Tyner, Agr. Chem. 2(4):41,43,65-66,
1947.

DUST ADJUVANTS - DILUENTS - MINERAL COMPOSITION

- Wilson & Jackson, J. Ec. Ent. 39:290-
295, 1946.

DUST ADJUVANTS - DILUENTS - PARTICLE SIZE

- Weisser & Gooden, Agr. Chem. 2(8):
28-29, 1947.
Wilson & Jackson, J. Ec. Ent. 39:290-
295, 1946.

DUST ADJUVANTS - DILUENTS - PARTICLE SIZE--Continued.

- Wilson & Jackson, Wis. B. 469:68-69,
1946.
bi Woodruff & Turner, J. Ec. Ent. 40:
206-211, 1947.

DUST ADJUVANTS - DILUENTS - PYROPHYLITE

- bi Gooden, J. Ec. Ent. 40:270-273,
1947.

DUST ADJUVANTS - DILUENTS - SODIUM BUTYLBIPHENYLSULFONATE

- Baker et al., Wash. B. 497:52-53,
1947.

DUST ADJUVANTS - DILUENTS - TOXICITY TO INSECTS

- bi Hunt, J. Ec. Ent. 40:215-219, 1947.
DUST ADJUVANTS - DILUENTS - VELVICOL AR-60

- b Sun, N. Y. St. Col. Agr. Dept. Ent.
Ent. 1,85 p., 1946.

DUST ADJUVANTS - DISPERSANTS see DUST ADJUVANTS - DILUENTS

DUST ADJUVANTS - MINERALS - ABRASION FACTOR

- Wilson, Agr. Chem. 1(1) 37, 1946.
DUST CALENDARS & PROGRAMS - ALFALFA

- List et al., West. Colo. Hort. Soc.
Trans. f. 1945:147, 1946.
West. Colo. Hort. Soc. Trans. f. 1946
171, 1947.

DUST CALENDARS & PROGRAMS - APRICOTS

- Powell et al., Ill. Ext. C. 568 rev.:22,
1946; 610:22-23, 1947.

DUST CALENDARS & PROGRAMS - BEANS

- List et al., West. Colo. Hort. Soc.
Trans. f. 1945:147, 1946.
West. Colo. Hort. Soc. Trans. f. 1946
172, 1947.

DUST CALENDARS & PROGRAMS - BLUEBERRIES

- i Maine Ext. C. 231,4 p., 1947.

DUST CALENDARS & PROGRAMS - CHERRIES

- Parks & Allison, Ohio Ext. B. 252
rev.:78, 1945.

DUST CALENDARS & PROGRAMS - CORN

- West. Colo. Hort. Soc. Trans. f. 1946:
172, 1947.

DUST CALENDARS & PROGRAMS - FRUIT

- Sorenson et al., Utah Ext. N. S. C. 127
rev.:3-6, 1945.

DUST CALENDARS & PROGRAMS - ONIONS

- List et al., West. Colo. Hort. Soc.
Trans. f. 1945:147, 1946.
West. Colo. Hort. Soc. Trans. f. 1946:
173, 1947.

DUST CALENDARS & PROGRAMS - PEACHES

- Powell et al., Ill. Ext. C. 568 rev.:20,
1945; rev.:22, 1946; 610:22-23,
1947.
West. Colo. Hort. Soc. Trans. f. 1946:
163-164, 1947.

DUST CALENDARS & PROGRAMS - POTATOES

- List et al., West. Colo. Hort. Soc. Trans. f. 1945:147, 1946.
Munro et al., N. Dak. Bimo. B. 9:110, 1947.
Werner, Neb. B. 384:82, 1947.
West. Colo. Hort. Soc. Trans. f. 1946:173, 1947.

DUST CALENDARS & PROGRAMS - SQUASH

- West. Colo. Hort. Soc. Trans. f. 1946:174, 1947.

DUST CALENDARS & PROGRAMS - TOMATOES

- List et al., West. Colo. Hort. Soc. Trans. f. 1945:147, 1946.
West. Colo. Hort. Soc. Trans. f. 1946:174, 1947.

DUST COVERAGE

- Barrus & Leiby, N. Y. (C.) Ext. B. 518, rev..15, 1945.
b Turner, J. Ec. Ent. 38:359-364, 1945.

DUST DEPOSITS, see DUSTS - DEPOSITS

DUST FORMULAE - DDT

- Cruz-Monclova, D.D.T. Insectic.:47-50, 1946.
Holdaway, Hawaii Farm & Home 9(1) 14-15, 1946.

DUST FORMULAE - QUANTITIES

- Lecrone, Okla. Ext. C. 108 rev.:27, 1946.
Pratt et al., N. Y. (C.) Ext. B. 665 rev. 35-36, 1947.
b Turner, J. Ec. Ent. 40:592, 1947.

DUST INJURY

- Carruth & Hervey, J. Ec. Ent. 40:718-719, 721, 1947.
Garman, Conn. Pom. Soc. R. 56:24, 1947.
Hinman & Cowan, USDA EPQ E-722:13, 19, 21, 1947.
King, Ga. Coastal Plain B. 44:43-44, 1947.
Watts, S. C. R. 59:160, 1947.

DUST INJURY - ARSENICAL

- Chandler, Ill. St. Hort. Soc. Trans. 78:346-348, 1945; 79:131, 1946.
Powell & Chandler, Ill. St. Hort. Soc. Trans. 79:373-376, 1946.

DUST INJURY - AZOBENZENE MIXTURES

- Hamilton, J. Ec. Ent. 40:734-735, 1947.

DUST INJURY - BENZENE HEXACHLORIDE

- Chapman et al., J. Ec. Ent. 40:575-576, 1947.
Gaines & Bean, J. Ec. Ent. 40:368, 370, 1947.
Kulash, J. Ec. Ent. 40:645, 1947.
Whitcomb, Mass. B. 441:37, 1947.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:2, 1947.

DUST INJURY - CALCIUM ARSENATE

- Michelbacher et al., Agr. Chem. 2(3):21-23, 52-54, 68, 1947.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:3, 1947.

DUST INJURY - CUBE

- Baker et al., Wash. B. 497:51, 1947.

DUST INJURY - D-4

- Bourne & Whitcomb, Mass. B. 428:34, 1945.

DUST INJURY - DDT

- Allen & Chapman, Wis. B. 469:34, 1946.
Bruce & Tauber, J. Ec. Ent. 38:440-441, 1945.
Burr, Neb. R. 59:64, 1946.
i Carruth, N. Y. (G.) Farm Res. 13 (1):11, 1947.

- Magie, Gladiolus 11(6):11, 1947.

- Magie, Gladiolus Mag. 11(4):20, 1947.

- Magie, N. Amer. Glad. Council B. No. 11:16, 1947.

- USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:7, 1947.

DUST INJURY - SODIUM FLUOSILICATE

- Ingram et al., Sugar J. 9(11):11, 1947.

DUST INJURY - VELISCOL

- Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:66-67, 82-83, 1946.

DUST INJURY - ZINC ARSENITE

- Baker et al., Wash. B. 497:47, 1947.

DUST RESIDUE

- Ford et al., Ind. R. 58:7, 1945.

- Reid, S. C. R. 57:130, 1945.

- Tissot, Fla. Grow. 53(5):11, 1945.

DUST RESIDUE - ARSENICAL

- Scott, J. Ec. Ent. 38:464-466, 1945.

DUST RESIDUE - CRYOLITE

- Fulton, N. C. TB 85:18-20, 1947.

DUST RESIDUE - DDT

- Annand, USDA EPQ R. f. 1944/45:13.
Brann, N. Y. St. Hort. Soc. P. 92:178-179, 1947.

- b Hutson et al., Mich. Quart. B. 29:283-285, 1947.

- Lieberman, USDA EPQ E-658:6, 1945.

- Marcovitch & Stanley, Tenn. R. 59:94, 1947.

- Robinson, Oreg. C. Inform. 413, 3 p., 1947.

- Schwardt et al., J. Ec. Ent. 40:363-364, 1947.

- Watkins, N. Y. (C.) R. 58:116, 1946; 59:117-118, 1947.

DUST RESIDUE - DDT - ANALYSIS

- Hoskins, Cal. C. 365:102-103, 1946.

- b Reiber & Stafford, Cal. C. 365:104-108, 1946.

DUST RESIDUE - DDT - CORN SILAGE

- DDT Com. Wis. Agr. Expt. Sta., Canning Trade 69(49):7, 21, 1947.

DUST RESIDUE - DDT - PEA SILAGE

- DDT Com. Wis. Agr. Expt. Sta., Canning Trade 69(49):7, 21, 1947.

DUST RESIDUE - DDT - PEAS

- Wilson et al., J. Ec. Ent. 39:806-809, 1946.

DUST RESIDUE - FLUORINE - CUCURBITS

- b Fulton et al., J. Ec. Ent. 40:747-748, 1947.

DUST RESIDUE - LEAD ARSENATE

- Hervey, N. Y. (G.) R. 64:35, 1946.

DUST RESIDUE - SOIL, see INSECTICIDE RESIDUE - SOIL

DUST SERVICES

Deering, Maine Ext. B. 339:27, 1945.
i Vahlsing Insectic. & Chem. Corp.,
Agr. Chem. 2(10):18-20, 1947.

DUST SERVICES - COOPERATIVE

Deering, Maine Ext. B. 348:18-20,24,
33, 1946.

Palm, Agr. Chem. 1(3):18, 1946.

DUST SYNERGISTS & ACTIVATORS

Brannon, J. Ec. Ent. 40:933-934, 1947.

b Piquett et al., J. Ec. Ent. 40:577-
578, 1947.

bi Turner & Saunders, J. Ec. Ent. 40:
553-556, 1947.

DUST SYNERGISTS & ACTIVATORS - N, N-DIETHYLPIPERONYLAMIDE

b Weigel & Gertler, J. Ec. Ent. 38:
683-686, 1945.

DUST SYNERGISTS & ACTIVATORS - PIPERONYL BUTOXIDE

Annard, USDA EPQ R. f. 1946/47:18.

DUST SYNERGISTS & ACTIVATORS - PIPERONYL CYCLONENE

Brooks & Anderson, J. Ec. Ent. 40:
221,228, 1947.

DUST SYNERGISTS & ACTIVATORS - VELSICOL AR-60

b Sun, N. Y. St. Col. Agr. Dept. Ent.
Ent. 1,85 p., 1946.

DUSTING - ALFALFA - EFFECT ON GROWTH

Allen et al., J. Ec. Ent. 38:390, 1945.

DUSTING - BARNS - DDT

Brett & Fenton, J. Ec. Ent. 39:397-
398, 1946.

DUSTING - BEANS - EFFECT ON YIELD

Bjornseth, Mich. Quart. B. 28:191-193,
1945.

DUSTING - BLUEBERRIES

Fulton, J. Ec. Ent. 39:306-308, 1946.

i Maine Ext. C. 231,4 p., 1947.

DUSTING - BUILDINGS - DDT

Macchiavello, Amer. J. Pub. Health
36:847-848, 1946.

DUSTING - CATTLE

Imes et al., USDA FB 909 rev.:6-7,
1947.

i Matthisse, N. Y. (C.) B. 832:40-43,
55-57, 1946.

i Smith, Colo. Ext. B. 389-A:31-32,
1946.

i Natl. Livestock Loss Prev. Bd., Cat-
tle Grubs Must Go:11-13, 1945.

DUSTING - CATTLE - EFFECT ON WEIGHT GAINS

Gunderson, J. Ec. Ent. 38:398-399,
1945.

DUSTING - CHERRIES

Kuhlman, Oreg. St. Hort. Soc. R. 39:
11-13, 1947.

Kuhlman & Mumford, Oreg. C. Inform.
395:2, 1946.

DUSTING - CLOVER, RED - EFFECT ON YIELD

Schwardt et al., J. Ec. Ent. 40:363-
365, 1947.

DUSTING - COOPERATIVE, see DUST SERVICES - COOPERATIVE

DUSTING - CORN

Bigger et al., J. Ec. Ent. 40:406-407,
1947.

DUSTING - CORN--Continued.

Decker et al., J. Ec. Ent. 40:399-400,
1947.

i Sweet, Ohio Veg. & Potato Grow.
Assoc. P. 32:90-93, 1947.

DUSTING - COSTS

Armitage, J. Ec. Ent. 40:867, 1947.

Bigger et al., J. Ec. Ent. 40:406-407,
1947.

Brindley et al., USDA FB 1971:20-21,
1946.

Chupp & Leiby, N. Y. (C.) Ext. B. 206
rev.:22, 1947.

Davis, U. S. Pub. Health Rpts. 62:449-
463, 1947.

Davis & Mumford, Oreg. C. Inform.
415:5-8,10, 1947.

Kuhlman, Oreg. St. Hort. Soc. R. 39:
11-13, 1947.

Kuhlman & Mumford, Oreg. C. Inform.
395:2, 1946.

Metcalf, Cal. Mosq. Control Assoc. P.
15:32, 1947.

Wright, Down to Earth 3(1):4, 1947.

Cal. Ext., Cost of Prod. Study on
Almonds Stanislaus Co. 1945:10,12,
14; 1947:12.

USDA EPQ & La. Agr. Expt. Sta.,
Sugar Bul. 24:118, 1946; 25:89-90,
1947.

DUSTING - COTTON

Haddon et al., La. R. f. 1945/46:104-
105, 1947.

Hamner, Miss. Farm Res. 8(5):2,
1945.

Starnes, Agr. Flying; Ground School
Curriculum Offered in Conjunction
with Crop Dusting Training:4-7,
1947.

DUSTING - COTTON - EFFECT ON YIELD

Bondy, Southeast. Cotton Ins. Control
Conf. R. P. 1:12-13,16-17, 1947.

b Gaines, J. Ec. Ent. 40:434-436, 1947.

Gaines & Dean, J. Ec. Ent. 40:367-
370, 1947.

Gaines et al., J. Ec. Ent. 40:113-115,
1947.

Rainwater & Bondy, J. Ec. Ent. 40:
372, 1947.

DUSTING - COTTON - SPOT DUSTING

Lincoln, Ark. Ext. Leaf. 52 rev.,8 p.,
1947.

DUSTING - COTTON - TIME OF DAY

b Young et al., J. Ec. Ent. 38:383-384,
1945.

DUSTING - CRANBERRIES

i Hall, Cranberries 12(3):14-17, 1947.

DUSTING - CRANBERRIES - AIRCRAFT

Erwin, Amer. Cranb. Grow. Assoc.
P. 77:36, 1947.

DUSTING - CUCURBITS - EFFECT ON YIELD

b Carruth & Hervey, J. Ec. Ent. 40:
719-721, 1947.

DUSTING - CUSTOM, see DUST SERV- ICES

DUSTING - DWELLINGS

Parks, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:42, 1946.

DUSTING - DWELLINGS - NATIVE HUTS

Yust, J. Ec. Ent. 40:765, 1947.

DUSTING - FRUIT

Cochran, Hoosier Hort. 29:84-85, 1947.

Dorman, Miss. R. 58:24, 1946?

Mack & Hamilton, N. Y. (G.) Farm Res. 11(2):8-9, 1945.

1 Parks & Allison, Ohio Ext. B. 252 rev.:68-78, 1945.

1 Strong & Rasmussen, Food Packer 26(13):63-64,66, 1946.

1 Talbert, Gen. Hort.:224-226, 1946.

Williams, Conn. Ext. B. 377:17-18, 1946.

Ohio B. 655:49-50, 1945, 670:49, 1947.

DUSTING - FRUIT - AIRCRAFT

b Weinman & Powell, Ill. St. Hort.

Soc. Trans. 80:110-120, 1947.

DUSTING - GARDENS

Mich. Ext. B. 271.1:43-52, 1945.

DUSTING - GLADIOLUS CORMS - DDT

Farrar, Gladiolus Mag. [N. Eng. Glad. Soc.] 9(4):10-11, 1946.

DUSTING - LAMBS

1 Matthysse, J. Ec. Ent. 38:285-290, 1945.

DUSTING - LEAVES - UNDER SURFACE

Annand, USDA EPQ R. f. 1945/46:20.

DUSTING - LIMA BEANS - EFFECT ON YIELD

Clark & Hoveland, Wis. B. 472:16, 1947.

DUSTING - MUNICIPALITY

Davis, U. S. Pub. Health Rpts. 62:449-463, 1947.

DUSTING - ONIONS

Thompson, J. Ec. Ent. 38:277, 1945.

DUSTING - ORCHARDS, see DUSTING - FRUIT

DUSTING - PEACHES - DDT

Snapp, Amer. Fruit Grow. 66(2):24, 1946.

DUSTING - PEANUTS - EFFECT ON YIELD

Harris et al., Soil Sci. Soc. Amer. P. 11:414-416, 1947.

DUSTING - PEARS

Borden, J. Ec. Ent. 40:926-927, 1947.

DUSTING - PEAS

1 Brindley et al., USDA FB 1971:9-21, 1946.

1 Wilson, Food Packer 26(6):55-57, 1945.

DUSTING - PECANS

Fenton & Ray, Okla. Pecan Grow. Assoc. 2. f. 1945:67-68.

DUSTING - POTATOES

1 Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:8-10,12-16, 1945.

Beverly, Maine Ext. B. 341:29-30, 1946.

Campbell & Filmer, Hints to Potato Grow. 26(10):2-4, 1946.

1 Daggy et al., Minn. Ext. B. 252:12-13, 1946.

Morofsky & Muncie, Mich. Ext. B. 181 rev.:3-4, 1946.

Muncie & Morofsky, Phytopathology 36:407, 1946. (Abs.)

Muncie & Morofsky, Mich. TB 204, 23 p., 1947.

DUSTING - POTATOES--Continued.

Simpson et al., Maine Ext. B. 361:3-4, 1947.

1 Werner, Neb. B. 384:79-82, 1947.

DUSTING - POTATOES - EFFECT ON YIELD

Bonde & Snyder, Maine B. 449:271-272,276,352-353,356, 1947.

Linn, Ill. Veg. Grow. B. 7(2) 10-14, 1947.

Muncie & Morofsky, Amer. Potato J. 24:183-187, 1947.

Stitt, Amer. Potato J. 24:120-122, 1947.

DUSTING - POULTRY

b Alicata et al., Poult. Sci. 25:376-380, 1946.

Bushnell & Twiehaus, Kans. B. 326:90, 1945.

Glandinin, Alberta Ext. B. 45:52, 1945.

DUSTING - POULTRY BROODER HOUSE

Dutsch & Smith, La. R. f. 1944/45:64-65, 1946.

DUSTING - RAT RUNS - DDT

Wiley, Amer. J. Pub. Health 36:976-977,980-982, 1946.

DUSTING - REFRIGERATOR CARS

Chisholm et al., USDA EPQ ET-237:2-3, 1947.

DUSTING - SEEDS, see SEEDS - TREATMENT

DUSTING - SHEEP

Johnson, Sheep Breed. 65(11):6, 1945.

Johnson, Sheepman 16:193, 1945.

Lacey, Wool Grow. News 13(1):4, 1947.

Schwardt, N. Y. (G.) Farm Res. 11(4). 4-5, 1945.

DUSTING - SMALL PLOTS

Apple, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch Conf. P. 25:41-42, 1946.

DUSTING - SORGHUM - EFFECT ON YIELD

Walton, J. Ec. Ent. 40:394, 1947.

DUSTING - SQUASH

Fulton, N. C. TB 85:10-23,25, 1947.

DUSTING - SUGARCANE

USDA EPQ & La. Agr. Expt. Sta., Sugar Bul. 24:118, 1946; 25:89-90, 1947.

DUSTING - TOMATOES

Floyd, J. Ec. Ent. 40:422-423, 1947.

Young, Tex. C. 113:61-63, 1946.

DUSTING - VEGETABLES

King & Parks, Ohio Veg. & Potato Grow. Assoc. P. 32:15-19, 1947.

DUSTING APPARATUS

1 Baker et al., Wash. B. 497:34-35,58, 1947.

1 Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:8-9, 1945.

Batchelder & Questel, USDA EPQ E-659:1,3,11, 1945.

1 Bigger et al., J. Ec. Ent. 40:404, 1947.

Blauvelt, Amer. Rose Mag. 7:4, 1946.

Brannon, J. Ec. Ent. 40:103-104, 1947.

1 Brett et al., Okla. TB-24:25, 1946.

1 Brindley et al., USDA FB 1971:14-21,23, 1946.

1 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:8,22,34,37,77, 1947.

DUSTING APPARATUS--Continued.

- i Drake, Iowa Dept. Agr. YB 47:139-140,153-154, 1947.
- Drake et al., Iowa Dept. Agr. YB 47:111, 1947.
- Elmore, Cal. Lima Bean News 5(1):4, 1947.
- i Firebaugh, Pa. Veg. Grow. News 15 (5):95-96, 1945.
- i Free, Gardening rev.:469-470, 1947.
- i French, Agr. Chem. 1(8):17-18, 1946
- Fulton, N. C. TB 85.10,13,16,21,25, 1947.
- i Graves, Agr. Engin. 28:551-552,555, 1947.
- Graham, B. C. Lumberm. 29(4):39, 1945.
- i Hawkins, Maine B. 431:221-224, 1945
- i Hill & Hixson, J. Ec. Ent. 40 137, 1947.
- i Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:299-300, 1947.
- Hood, Assoc. South. Agr. Workers P. 44:55-56, 1947. (Abs.)
- i Howard et al., USDA Misc. Pub. 526 rev.:47-50, 1945.
- Irons, Agr. Chem. 2(5):24-25, 1947.
- Jeffers, Md. Agr. Soc. R. 31:113, 1947.
- i Johnson, Sheepman 16:193, 1945.
- i Kent, Pop. Mech. Mag. 85(5):101, 1946.
- i Knowlton & Peay, Utah Farm & Home Sci. 7(2):11-12, 1946.
- Lecrone, Okla. Ext. C. 108 rev.:7-8, 1946.
- i Lincoln, Ark. Ext. C. 438:14, 1945.
- i McClintock & Fisher, Spray Chem. & Appl. Equip.:201-206,221-228,235-236,251-254,283-292, 1945.
- McConnon, Food Packer 27(4):54, 1946
- Massey et al., N. Y. St. Hort. Soc. P. 90:112-113,218-225, 1945.
- Michelbacher et al., Agr. Chem. 2(3):23,52,68, 1947.
- i Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:20-21, 1946.
- Morrison et al., Oreg. C. Inform. 393:3, 1946.
- Mote et al., Oreg. Ext. B. 676:7, 1947.
- i Palm, Agr. Chem. 1(3):14-18,62-65, 1946.
- Parker et al., N. Y. (C.) R. 58:142-143, 1946.
- i Parks & Allison, Ohio Ext. B. 252 rev.:70-72,76, 1945.
- i Parks & King, Ohio Ext. B. 76 rev.:50-59, 1947.
- i Pepper, N. J. C. 495:11-12, 1945.
- i Pratt et al., N. Y. (C.) Ext. B. 696:36-37, 1946; rev.:31,36-37, 1947.
- Pyenson, Home Gard. (N. Y.)8(6):25, 1946.
- i Riedl & Harrison, Wyo. B. 271:11-13, 20, 1945.
- Salter, USDA PISAE R. f. 1944/45:15-16; f. 1945/46:57-58; 1946/47:69-70
- i Sherwood & Bishop, W. Va. Ext. C. 325 rev.:58-59, 1945.
- Smith & Michelbacher, J. Ec. Ent. 39:642, 1946.
- i Stage, N. J. Mosq. Exterm. Assoc. P. 32:65, 1945.

DUSTING APPARATUS--Continued.

- i Stetson, Crown 34(1):9,11, 1945.
- i Stiles, Okla. Ext. C. 430:12-13, 1946.
- i Sweet, Ohio Veg. & Potato Grow. Assoc. P. 32.91-93, 1947.
- i Talbert, Gen. Hort.:224-225, 1946.
- Tate, Neb. St. Bd. Agr. R. f. 1945:435.
- Tate, Amer. Assoc. Cereal Chem. Trans. 4:42, 1946.
- i Tate & Hill, Neb. Ext. C. 1529:3,5, 1945.
- Tisdale, Can. Chem. & Process Indus. 29:77, 1945.
- Tisdale, Internatl. Apple Assoc. P. 53:96-98, 1947.
- Tisdale, Mich. St. Hort. Soc. R. 76. 32-33, 1947.
- Vernon, Ill. St. Hort. Soc. Trans. 80 253-254, 1947.
- i Westcott, Gard. Bug Book.49-51, 1946.
- i White & Doolittle, USDA Misc. Pub. 605:30, 1946.
- Young, Ill. St. Hort. Soc. Trans. 80 86-87, 1947.
- i USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests:6, 1947.
- USDA Tree Nuts Advisory Com., Rpt. & Recom. under Res. & Mktg. Act. of 1946:7, 1947.
- i U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:174-177,392-393, 1947.
- U. S. War Dept. TB Med 184:1-2, 1945
- 194(PB-2436):5-7,11, 1945.
- DUSTING APPARATUS, see also AIR-CRAFT DUSTING - APPARATUS, FIELD APPARATUS; LABORATORY APPARATUS - DUSTING APPARATUS
- DUSTING APPARATUS - CHUTE
 - i Matthyse, J. Ec. Ent. 38:285-287, 1945.
- DUSTING APPARATUS - COMPRESSED AIR - ADAPTATION
 - i Chisholm et al., USDA EPQ ET-237, 5 p., 1947.
- DUSTING APPARATUS - DDT
 - i Heinemann, Mil. Surg. 97:401-402, 1945.
- DUSTING APPARATUS - DUST GUN
 - i Soper et al., Reumon Interamer. del Tifo Pub. Ofic. 1:443-444,447-451, 1947.
- DUSTING APPARATUS - EXPLOSIVES
 - Chambers, Wis. Hort. 35:148, 1945.
 - Glasgow, N. J. Mosq. Exterm. Assoc. P. 32:216-218, 1945.
 - i Palm, N. Y. (G.) Farm Res. 11(4):16, 1945.
- DUSTING APPARATUS - FOOT-PUMP DUSTER
 - i Ludqig & Page, U. S. Pub. Health Rpts. 62:79-81, 1947.
- DUSTING APPARATUS - HAND
 - i Dawson, Grape Grow. 1(2):21, 1947.
 - i Gilbert & Reed, N. J. Mosq. Exterm. Assoc. P. 32:233-234, 1945.
 - Muncie & Dibble, Mich. Ext. B. 181 rev.:3-4, 1945.

- DUSTING APPARATUS - HAND-SHAKER DUSTER
i Ludwig & Page, U. S. Pub. Health Rpts. 62:79-81, 1947.
- DUSTING APPARATUS - HOME-MADE MIXER
i Baker et al., Wash. B. 497:36,39, 1947.
- DUSTING APPARATUS - INJURY TO POTATO PLANTS
Stitt, Amer. Potato J. 24:120-122, 1947.
- DUSTING APPARATUS - MANUFACTURERS
McClintock & Fisher, Spray Chem. & Appl. Equip.:303, 1945.
- DUSTING APPARATUS - NOZZLES
Annand, USDA EPQ R. f. 1945/46.20.
i Matthyse, J. Ec. Ent. 38:285-287, 1945.
- DUSTING APPARATUS - OUTLOOK
Ingerson, Ohio St. Hort. Soc. P. 100 163-169, 1947.
Vernon, Southeast. Cotton Ins. Control Conf. R. P. 1.46-47, 1947. (Abs.)
- DUSTING APPARATUS - PLUNGER TYPE
i Lehker, Ind. Ext. B. 239 rev.:3, 1947.
- DUSTING APPARATUS - POWER
Dorsey, J. Ec. Ent. 40:811, 1947.
Johnson, Sheep Breed. 65(11):6, 1945.
i Schwardt, N. Y. (G.) Farm Res. 11 (4):4-5, 1945.
Severin, S. Dak. R. 60:15-16, 1947.
- DUSTING APPARATUS - POWER, ROOT NEISWANDER, Ohio Veg. & Potato Grow. Assoc. P. 31:118, 1946.
- DUSTING APPARATUS - RUBBER BULB
i Kelsheimer, Fla. PB 631:2, 1947.
- DUSTING APPARATUS - SPRAY DUSTER, see SPRAYING APPARATUS - SPRAY DUSTER
- DUSTING APPARATUS - SUPPLIES
Phipps, Green Thumb 2(3):3, 1945.
- DUSTING APPARATUS - SYMPOSIUM
Young et al., Ohio St. Hort. Soc. P. 100:161-214, 1947.
- DUSTING APPARATUS - TRACTOR
i Cumings, Agr. Chem. 2(8):24, 1947.
- DUSTING APPARATUS - TRAILER
i Brett, Okla. B. 303:6, 1946.
- DUSTS
Graham, B. C. Lumberm. 29(4):64, 1945.
Smallman, Grain & Feed J. Consol. 94:155, 1945.
- DUSTS, see also LARVICIDES; OVICIDES
- DUSTS - ALORCO, see DUSTS - CRYOLITE (ALORCO)
- DUSTS - ALUMINUM OXIDE
Gray, Can. Food Packer 17(12):31, 1946.
- DUSTS - AMMONIUM SALT OF DINITRO-O-CRESOL, see DUSTS - DINITRO-O-CRESOL, AMMONIUM SALT
- DUSTS - ANALYSIS - X-RAY
Annand, USDA EPQ R. f. 1946/47.4.
- DUSTS - ARASAN, see DUSTS - THIRAM
- DUSTS - ARSENATE OF LEAD, see DUSTS - LEAD ARSENATE
- DUSTS - ARSENIC & SULFUR
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:303-304, 1947.
- DUSTS - ARSENICALS
Conner & Kulash, N. C. Ext. C. 299: 4,6,8,11, 1947.
Munro & Redman, N. Dak. Bimo. B. 7(4):11, 1945.
- DUSTS - ARSENICALS, see also DUSTS - CALCIUM ARSENITE, DUSTS - COPPER ARSENATE; DUSTS - LEAD ARSENATE, DUSTS - PARIS GREEN
- DUSTS - ARSENICALS - TOXICITY TO HONEYBEES
bi McGregor et al., Ariz. TB 114:219-246, 1947.
- DUSTS - ARLY ALKYL THIONOPHOSPHATE, see DUSTS - PARATHION
- DUSTS - AZOBENZENE
Hamilton, Natl. Chrysanthemum Soc. B. 3(2):7, 1947.
Haring, J. Ec. Ent. 39:78-80, 1946.
Ivy & Ewing, J. Ec. Ent. 40:569, 1947.
Wolfenbarger, Fla. St. Hort. Soc. P. 60:167, 1947.
- DUSTS - AZOBENZENE MIXTURES
Hamilton, J. Ec. Ent. 40:733-735, 1946.
- DUSTS - BARIUM FLUOSILICATE
Baker et al., Wash. B. 497:40,42, 1947.
Fulton, N. C. TB 85 13-14,16, 1947.
b Fulton et al., J. Ec. Ent. 40:747-749, 1947.
Hill, Iowa St. Col. J. Sci. 22:41, 1947.
Lehker, Ind. Ext. B. 239 rev.:8, 1947.
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Cigar tob.:1, 1947.
- DUSTS - BARIUM FLUOSILICATE, see also DUSTS - SULFUR & BARIUM FLUOSILICATE (DUTOX)
- DUSTS - BARIUM FLUOSILICATE & PYROPHYLLITE
Bird, Can. Ent. 79:10, 1947.
- DUSTS - BARIUM FLUOSILICATE & TOBACCO DUST
Garner, Prod. of Tob.:293, 1946.
- DUSTS - BENZENE HEXACHLORIDE
Anderson & Brooks, J. Ec. Ent. 40. 201-205, 1947.
Arant, Southeast. Cotton Ins. Control Conf. R. P. 1:23-25, 1947.
Barnes & Lindgren, Date Grow. Inst. R. 24.3, 1947.
Baver, N. C. R. 69:56, 1946.
Becnal et al., J. Ec. Ent. 40:508-513, 1947.
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:12-13,16-17, 1947.
Bondy & Rainwater, S. C. R. 59:110-113, 1947.
Brannon, J. Ec. Ent. 40:104-106, 1947.
i Brett & Rhodes, J. Ec. Ent. 39:677-678, 1946.
Bromley, J. Ec. Ent. 40:238-239, 1947.
Bronson & Smith, J. Ec. Ent. 39:190, 193-194, 1946.
Bronson et al., Maine B. 442:137,184, 1946.
Buchanan, Wash. B. 482:71,75, 1946.

DUSTS - BENZENE HEXACHLORIDE--
Continued.

- Cockerham et al., La. R. f. 1945/46: 113, 1947.
Cooper, Ky. R. 59:45, 1947.
Cotton & Frankenfeld, Down to Earth 3(1):11, 1947.
Decker et al., J. Ec. Ent. 40:398-400, 1947.
Drake, Iowa Dept. Agr. YB 47:157, 1947.
Drake et al., Iowa R. f. 1945/46 pt. 1: 226-227; f. 1946/47 pt. 1:200-201.
Drake et al., Iowa Dept. Agr. YB 47: 114, 1947.
Dugas et al., La. R. f. 1945/46:53-55, 1947.
Dunavan & Hughes, S. C. R. 59:70, 1947.
Ewing et al., Assoc. South. Agr. Workers P. 44:124-125, 1947. (Abs.)
b Ewing et al., J. Ec. Ent. 40:374-381, 1947.
Fletcher et al., J. Ec. Ent. 40:595-596, 1947.
Floyd, La. R. f. 1945/46:56, 1947.
Frazier & Stafford, J. Ec. Ent. 40: 492,495, 1947.
Gaines & Dean, J. Ec. Ent. 40:365-370, 1947.
Gould, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:42, 1947.
Gould, Ind. R. 60:70,72, 1947.
Granovsky, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:55, 1947.
Harris, Iowa R. f. 1945/46 pt. 1:234-235.
Hervey, N. Y. (G.) R. 65:19, 1947.
Hull, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:78, 1947.
Ingram et al., J. Ec. Ent. 40:780-781, 1947.
Ivy et al., Assoc. South. Agr. Workers P. 44:127, 1947. (Abs.)
b Ivy et al., J. Ec. Ent. 40:513-517, 1947.
King, Ga. Coastal Plain B. 44:42-44, 1947.
Kulash, Southeast. Cotton Ins. Control Conf. R. P. 1:19-22, 1947.
List & Hoerner, J. Ec. Ent. 40:138, 1947.
Lyle, Miss. Farm Res. 10(5):1, 1947.
Lyle, Miss. Inform. Sheet 389:1, 1947.
McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:240, 1947.
McGovran & Piquett, Soap & Sanit. Chem. 22(8):157,159,181, 1946.
Magle & Kelsheimer, Fla. R. f. 1946/47:130.
Manis & Shull, Ida. B. 269:33, 1947.
Morrison et al., Oreg. C. Inform. 393: 4-5, 1946.
Nelson, Rocky Mountain Conf. Ent. R. 18:12, 1947.
Pepper et al., Hints to Potato Grow. 27(5):1-2, 1946.
Poos et al., J. Ec. Ent. 40:901-903, 1947.
b Post et al., N. Dak. Bimo. B. 10:27-31, 1947.

DUSTS - BENZENE HEXACHLORIDE--
Continued.

- Price, Ky. Ext. C. 435:7; 437:7, 1947.
Rainwater & Bondy, J. Ec. Ent. 40: 371-373, 1947.
Savage, Fla. R. f. 1946/47:206.
Schread, Conn. B. 512:49-50, 1946.
Slate, Conn. R. f. 1944/45:15.
Stiles & Fenton, Okla. C. 126:2, 1947.
Tauber & Drake, Iowa St. Hort. Soc. Trans. 80:261, 1945.
Upchurch, Southeast. Cotton Ins. Control Conf. R. P. 1:32, 1947. (Abs.)
Wehling & Hoerner, Amer. Soc. Agron J. 39:346-348, 1947.
Wilson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:73-74, 1946.
Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540:15, 1947.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:1-2, 1947.
DUSTS - BENZENE HEXACHLORIDE - ADJUVANTS
Annand, USDA EPQ R. f. 1946/47:13.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:2, 1947.
DUSTS - BENZENE HEXACHLORIDE - COMPATIBILITY
Ewing et al., J. Ec. Ent. 40:380-381, 1947.
Rainwater & Bondy, J. Ec. Ent. 40: 371,373, 1947.
DUSTS - BENZENE HEXACHLORIDE - EFFECT ON FLAVOR
Greenwood, Conn. B. 512:59, 1946.
King, Ga. Coastal Plain B. 44:43, 1947.
Pepper et al., Hints to Potato Grow. 27(5):2, 1946.
Pepper et al., J. Ec. Ent. 40:730, 1947.
Wilson, Wis. B. 469:65-66, 1946.
DUSTS - BENZENE HEXACHLORIDE - EFFECT ON YIELD
Gaines, J. Ec. Ent. 40:435, 1947.
Schwardt et al., J. Ec. Ent. 40:363-365, 1947.
DUSTS - BENZENE HEXACHLORIDE - TESTS
Chapman et al., J. Ec. Ent. 40:575-576, 1947.
Ivy & Ewing, J. Ec. Ent. 39:38-41, 1946.
b Kulash, J. Ec. Ent. 40:640-650, 1947; Erratum, 40:895, 1947; 927-928, 1947.
O'Kane, J. Ec. Ent. 40:133-134, 1947.
Pepper et al., J. Ec. Ent. 40:727-730, 1947.
Rainwater, J. Ec. Ent. 40:924-925, 1947.
Stevenson, J. Ec. Ent. 39:81, 1946.
DUSTS - BENZENE HEXACHLORIDE - TOXICITY
Gaines & Dean, J. Ec. Ent. 40:368, 370, 1947.
DUSTS - BENZENE HEXACHLORIDE & CALCIUM ARSENATE
Becncl et al., J. Ec. Ent. 40:509-513, 1947.

- DUSTS - BENZENE HEXACHLORIDE & CALCIUM ARSENATE--Continued.
Bondy & Rainwater, S. C. R. 59:110, 1947.
Smith & Becnel, J. Ec. Ent. 40:538-539, 1947.
- DUSTS - BENZENE HEXACHLORIDE & COC-S & TALC
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32.84-86, 1947.
- DUSTS - BENZENE HEXACHLORIDE & COPPER ARSENATE (BASIC)
Bondy & Rainwater, S. C. R. 59:112-113, 1947.
Rainwater & Bondy, J. Ec. Ent. 40:372-373, 1947.
- DUSTS - BENZENE HEXACHLORIDE & COPPER MIXTURES
Stitt, Amer. Potato J. 24:116-122, 1947.
- DUSTS - BENZENE HEXACHLORIDE & OIL
Wilson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:74, 1946.
- DUSTS - BENZENE HEXACHLORIDE & PYROPHYLLITE
Becnel et al., J. Ec. Ent. 40:511-513, 1947.
Isely & Miner, J. Ec. Ent. 39:550, 1946.
Lange & Smith, J. Ec. Ent. 40:498-499, 1947.
- DUSTS - BENZENE HEXACHLORIDE & ROTENONE & CRYOLITE
Dunavan & Hughes, S. C. R. 59:70, 1947.
- DUSTS - BENZENE HEXACHLORIDE & ROTENONE & OIL
Wilson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:74, 1946.
- DUSTS - BENZENE HEXACHLORIDE & SULFUR
Becnel et al., J. Ec. Ent. 40:511-513, 1947.
Russell, Fla. R. f. 1946/47 140-141.
Savage, Fla. R. f. 1946/47 206.
Wolfenbarger, Fla. Ent. 29:41, 1947.
- DUSTS - BENZENE HEXACHLORIDE & TALC
Brett & Rhoades, J. Ec. Ent. 40:572-574, 1947.
Whitcomb, Mass. B. 441:37, 1947.
- DUSTS - BENZENE HEXACHLORIDE (GAMMA)
i Hill & Hixson, J. Ec. Ent. 40:137-138, 1947.
- DUSTS - BENZENE HEXACHLORIDE (SIXIDE)
Bratley, Fla. R. f. 1946/47:69.
- DUSTS - BENZENE HEXACHLORIDE MIXTURES
Buchanan, Wash. B. 482:63-64, 1946.
- DUSTS - BIS(P-CHLOROPHENOXY) METHANE, *see* DUSTS - SULFUR & BIS(P-CHLOROPHENOXY) METHANE (DOW K-1875)
- DUSTS - BIS(2-THIOCYANOETHYL) ETHER, *see also* DUSTS - LETHANE A-70; DUSTS - LETHANE A-71; DUSTS - LETHANE B-72
- DUSTS - BIS(2-THIOCYANOETHYL) ETHER & COPPER
Kulash, N. C. Res. & Farm. 3 (Prog. Rpt. 2):12, 1945.
- DUSTS - BIS(2-THIOCYANOETHYL) ETHER & SULFUR
Lange, Cal. C. 365:55, 1946.
- DUSTS - BIS(2-THIOCYANOETHYL) ETHER (RID-O)
Figge & Wolfe, Soc. Expt. Biol. & Med. Proc. 60:137-138, 1945.
- DUSTS - BIS(2-THIOCYANOETHYL) ETHER MIXTURES
Kulash, N. C. Res. & Farm. 3 (Prog. R. 2):12, 1945.
- DUSTS - BLACK LEAF 10, *see* DUSTS - NICOTINE & TOBACCO DUST
- DUSTS - BLACK LEAF 40, *see* DUSTS - NICOTINE SULFATE
- DUSTS - BLACK LEAF 155, *see* DUSTS - NICOTINE BENTONITE
- DUSTS - BLACK LEAF DRY CONCENTRATE, *see* DUSTS - NICOTINE (BLACK LEAF DRY CONCENTRATE)
- DUSTS - BORAX (POWDERED)
Reed, South. Dairy Prod. J. 37(3):74, 1945.
- DUSTS - BORDEAUX MIXTURE & CALCIUM ARSENATE
Baker & Perron, Ent. Soc. Ont. R. 75:24-26, 1945.
- DUSTS - BORIC ACID
b Gould, Soap & Sanit. Chem. 21:114, 121, 1945.
- DUSTS - BORIC ACID, *see also* DUSTS - DINITROANISOLE & PYRETHRUM MARC & BORIC ACID
- DUSTS - BORIC ACID & DINITROANISOLE & SODIUM FLUORIDE
Gould, Soap & Sanit. Chem. 21:114, 121, 1945.
- DUSTS - CALCIUM ARSENATE
Annand, USDA EPQ R. f. 1945/46:7, f. 1946/47:12-14.
Arant, Southeast. Cotton Ins. Control Conf. R. P. 1:23-24, 1947.
Beckwith, USDA FB 1951 rev.:34, 1946.
- Becnel et al., J. Ec. Ent. 40:508-513, 1947.
- Bondy & Rainwater, S. C. R. 57:99-102, 1945; 58:102, 1946, 59:110-113, 1947.
- Bruce & Tauber, J. Ec. Ent. 38:440, 1945.
- Burgess, Ariz. R. 57:45, 1947.
- Cartwright, S. C. R. 57:59, 1945.
- b Cassidy et al., J. Ec. Ent. 38:50-51, 1945.
- Cockerham et al., La. R. f. 1945/46:112, 1947.
- Enzie & Eyer, N. Mex. B. 432:30, 1947.
- b Ewing et al., J. Ec. Ent. 40:374-381, 1947.
- Fife et al., J. Ec. Ent. 38:598-599, 1945.
- Gaines & Dean, J. Ec. Ent. 40:365-370, 1947.
- b Gaines et al., J. Ec. Ent. 40:600-603, 1947.
- Gardner, Can. Min. Agr. R. f. 1946/47:81.
- Isely, Ark. B. 462:17-18, 21-24, 26, 1946.

DUSTS - CALCIUM ARSEATE--Continued.

- Ivy & Ewing, J. Ec. Ent. 38:276, 1945; 39:38-39, 41, 1946.
 b Ivy et al., J. Ec. Ent. 38:534-536, 1945; 40:514-517, 1947.
 Ivy et al., Assoc. South. Agr. Workers P. 44:127, 1947. (Abs.)
 Jones, S. C. Dept. Agr. YB f. 1944/45: 64; f. 1945/46:66.
 King, Ga. Coastal Plain B. 44:43-44, 1947.
 King, Southeast. Cotton Ins. Control Conf. R. P. 1:26-27, 1947.
 King, Tex. Ext. B. 154:10,12, 1947.
 Knowlton, Utah Acad. Sci. Arts & Let. P. 24:144, 1947.
 Knowlton & Peay, Utah Mimeo. Ser. 325:1, 1946.
 Konkright & Lange, Cal. C. 365:33-34, 1946.
 Krone et al., Mich. Ext. B. 4 rev.:36, 1945.
 Lange, Spreckels Sugar Beet Bul. 11: 5, 1947.
 Lathrop, Maine B. 449:427, 1947.
 Lincoln, Ark. Ext. C. 438:12, 1945.
 Lincoln, Ark. Ext. Laf. 52 rev.:7, 1947.
 Lyle, Miss. Farm Res. 8(5):7-8, 1945.
 Lyle, Miss. Inform. Sheet 389:1-2, 1947.
 Musset et al., S. C. Ext. C. 301:27, 1947.
 Peay, Utah Farm & Home Sci. 7(2):3; Mkt. Grow. J. 75(8):15, 1946.
 Pepper, Pa. Veg. Grow. News 15(1):59, 1945.
 Rainwater, J. Ec. Ent. 40:924-925, 1947.
 Rainwater & Bondy, J. Ec. Ent. 40: 371-373, 1947.
 Robinson, Ala. R. 54/55:26-27, 1946.
 Robinson & Arant, Ala. Mimeo. Ser. 19,2 p., 1945.
 Schroeder & Hervey, N. Y. (G.) R. 65: 44-45, 1947.
 Smith & Becnel, J. Ec. Ent. 40:536-539, 1947.
 Stiles, Okla. Ext. C. 430:4-7,9,11, 1946.
 Stiles & Fenton, Okla. C. 126:2, 1947.
 Thompson, Oreg. C. Inform. 357:1-2, 1945.
 Trullinger et al., USDA OES R. f. 1945/46:105,111, 1947.
 Upchurch, Southeast. Cotton Ins. Control Conf. R. P. 1:31, 1947. (Abs.)
 Vorhies & Wehrle, Ariz. B. 203:28, 49, 1946.
 Walton, J. Ec. Ent. 40:394, 1947.
 Westbrook, Ga. Ext. B. 523:39-40, 1945.
 White, USDA EPQ E-642:2,5, 1945.
 Wilcox & Howland, USDA EPQ E-699: 2-8, 1946.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:3, 1947.
 Va. Ext. B. 97 rev.:43, 1947.
 DUSTS - CALCIUM ARSENATE, --
 DUSTS - LEAD ARSENATE
 CIUM ARSENATE

DUSTS - CALCIUM ARSENATE - ADJUVANTS

- b Hawkins, J. Ec. Ent. 39:145-148, 1946.
 DUSTS - CALCIUM ARSENATE - EFFECT ON APHID POPULATIONS
 Isely, Ark. B. 462:3-7, 1946.
 DUSTS - CALCIUM ARSENATE - EFFECT ON YIELD
 Gaines, J. Ec. Ent. 40:435, 1947.
 Gaines et al., J. Ec. Ent. 40:113-115, 1947.
 DUSTS - CALCIUM ARSENATE - TOXICITY TO HONEYBEES
 Eckert, Cal. C. 365:23-25, 1946.
 DUSTS - CALCIUM ARSENATE & CALCIUM ARSENITE & SULFUR
 Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:304, 1947.
 Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:24.
 DUSTS - CALCIUM ARSENATE & COC- & TALC
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:82-86, 1947.
 DUSTS - CALCIUM ARSENATE & COPPER
 Gould, Ind. R. 60:70, 1947.
 Smith et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19 90-91, 1945.
 DUSTS - CALCIUM ARSENATE & COPPER (FIXED)
 Muncie & Dibble, Mich. Ext. B. 181 rev.:4, 1945.
 DUSTS - CALCIUM ARSENATE & COPPER COMPOUND (INSOLUBLE) & TALC
 Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:6, 1945.
 DUSTS - CALCIUM ARSENATE & COPPER OXYCHLORIDE SULFATE
 Schroeder & Hervey, N. Y. (G.) R. 65: 44-45, 1947.
 DUSTS - CALCIUM ARSENATE & FLOUR
 Westcott, Sun-up 2(8):5, 1947.
 DUSTS - CALCIUM ARSENATE & GYPSUM
 Haseman, Mo. B. 391 ed. 2:4-5, 1946.
 Price, Ky. Ext. C. 435:4, 1947.
 Vorhies & Wehrle, Ariz. B. 203:37, 1946.
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:82,84-86, 1947.
 Mich. Ext. Folder F-84:5, 1945.
 DUSTS - CALCIUM ARSENATE & KAOLIN CLAY
 Drew et al., S. C. R. 59:172, 1947.
 DUSTS - CALCIUM ARSENATE & LIME
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:27,46,59,72, 1947.
 Curry, N. Mex. R. 57:31, 1947?
 Fulton & Glendenning, Common-Tater 2(7):5, 1946.
 Houser, Ohio B. 659:158, 1945.
 Jones, S. C. Dept. Agr. YB f. 1944/45: 64; f. 1945/46:67.
 Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:6, 1945.
 McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:240, 1947.

DUSTS - CALCIUM ARSENATE & LIME
--Continued.

- Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:2, 1945.
Va. Ext. B. 87 rev.44, 1947.
- DUSTS - CALCIUM ARSENATE & LIME & COPPER
Lathrop, Maine B. 442:280-281, 1946.
Muncie & Dibble, Mich. Ext. B. 181 rev.4, 1945.
- DUSTS - CALCIUM ARSENATE & LIME & COPPER-SULFATE (MONOHYDRATED)
Lathrop, Maine B. 449:427, 1947.
Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.6, 1945.
Trullinger et al., USDA OES R. f. 1945/46:107, 1947.
- DUSTS - CALCIUM ARSENATE & LIME (MAGNESIC) & COPPER (MONOHYDRATED)
Hawkins, Maine B. 449:379-380, 1947.
- DUSTS - CALCIUM ARSENATE & NICOTINE
Annand, USDA EPQ R. f. 1943/44:16, f. 1946/47:14-15.
Arant, Southeast. Cotton Ins. Control Conf. R. P. 1:23-24, 1947.
Becncl et al., J. Ec. Ent. 40:507-513, 1947.
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:12,16-17, 1947.
Bondy & Rainwater, S. C. R. 58:102, 1946, 59:110-112, 1947.
Gaines et al., Assoc. South. Agr. Workers P. 44:126-127, 1947. (Abs.)
b Gaines et al., J. Ec. Ent. 40:600-603, 1947.
Isely, Ark. B. 462:18-20,27, 1946.
Ivy & Ewing, J. Ec. Ent. 39:40-41, 1946.
Ivy et al., J. Ec. Ent. 40:514-515, 1947.
Jones, S. C. Dept. Agr. YB f. 1946/47:69.
King, Ga. Coastal Plain B. 44:42, 1947.
King, Southeast. Cotton Ins. Control Conf. R. P. 1:26-27, 1947.
Lyle, Miss. Farm Res. 8(5):7-8, 1945.
Lyle, Miss. Inform. Sheet 389:1, 1947.
Rainwater & Bondy, J. Ec. Ent. 40:371-373, 1947.
Smith & Becncl, J. Ec. Ent. 40:536-539, 1947.
Stiles, Okla. Ext. C. 430:7, 1946.
Stiles & Fenton, Okla. C. 126:3, 1947.
b Young et al., J. Ec. Ent. 38:383-384; Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:83-85, 1945. (Abs.)
- DUSTS - CALCIUM ARSENATE & NICOTINE SULFATE
Ewing et al., J. Ec. Ent. 40:376,378-381, 1947.
Gaines et al., Assoc. South Agr. Workers P. 44:126-127, 1947. (Abs.)
King, Tex. Ext. B. 154:16, 1947.
- DUSTS - CALCIUM ARSENATE & OIL
Michelbacher et al., Agr. Chem. 2(3):22,53-54,68, 1947.
- DUSTS - CALCIUM ARSENATE & PARIS GREEN
Marcovitch & Stanley, Tenn. R. 58:116, 1946.

DUSTS - CALCIUM ARSENATE & PARIS GREEN--Continued.

- Osoerio, Control de Plagas 7:41, 1945.
Scott, J. Ec. Ent. 38:464-466, 1945.
- DUSTS - CALCIUM ARSENATE & ROTENONE
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:16-17, 1947.
Bondy & Rainwater, S. C. R. 58:102, 1946.
Gray & Schuh, Oreg. Seed Grow. League P. Ann. Mtg. 4:47, 1945.
- DUSTS - CALCIUM ARSENATE & SULFUR
Brett, Okla. B. 303:3,7, 1946.
Brett et al., Okla. TB-24:23-25, 1946.
b Cassidy et al., J. Ec. Ent. 38:50-51, 1945.
Ewing & Parencia, J. Ec. Ent. 38:495-496, 1945.
Isely, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:86, 1945. (Abs.)
Isely, Ark. B. 462:21-24, 1946.
Ivy & Ewing, J. Ec. Ent. 38:276, 1945.
List, West. Colo. Hort. Soc. Trans. f. 1945:81, 1946.
Michelbacher et al., Agr. Chem. 2(3):22,52-54, 1947.
Thomas, J. Ec. Ent. 38:678-682, 1945.
Vorhies & Wehrle, Ariz. B. 203:49, 1946.
- DUSTS - CALCIUM ARSENATE & TALC
Brett & Rhoades, J. Ec. Ent. 40:572-574, 1947.
- DUSTS - CALCIUM ARSENATE (UNDILUTED)
Gray & Schuh, Oreg. Seed Grow. League P. Ann. Mtg. 4:47, 1945.
- DUSTS - CALCIUM ARSENATE MIXTURES
Buchanan, Wash. B. 482:63-64, 1946.
Morisset, Quebec Soc. Protect. Plants R. 30:64-65, 1947.
- DUSTS - CALCIUM ARSENITE
Annand, USDA EPQ R. f. 1943/44:18.
- DUSTS - CALCIUM ARSENITE & SULFUR
Stevenson, J. Ec. Ent. 38:532, 1945.
- DUSTS - CALCIUM CARBONATE
Bushland, J. Ec. Ent. 39:346-347, 1946.
- DUSTS - CALCIUM CYANAMIDE
Annand, USDA EPQ R. f. 1943/44:16-17.
- DUSTS - CALCIUM CYANIDE
Bohart, Hilgardia 17:300, 1947.
- DUSTS - CALGREEN, see DUSTS - CALCIUM ARSENATE & PARIS GREEN
- DUSTS - CALOMEL, see DUSTS - MERCURIOS CHLORIDE
- DUSTS - CAMPHENE, CHLORINATED
Arant, Southeast. Cotton Ins. Control Conf. R. P. 1:23-25, 1947.
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:12,16-17, 1947.
Cockerham et al., La. R. f. 1945/46:113, 1947.
Ingram et al., J. Ec. Ent. 40:780-781, 1947.
Jones, S. C. Dept. Agr. YB f. 1946/47:68-69.

DUSTS - CAMPHENE, CHLORINATED--
Continued.

- Kelsheimer, Fla. R. f. 1946/47:126-127.
King, Ga. Coastal Plain B. 44:42-44, 1947.
Kulash, Southeast. Cotton Ins. Control Conf. R. P. 1:19-22, 1947.
Magie & Kelsheimer, Fla. R. f. 1946/47:130.
Savage, Fla. R. f. 1946/47:206.
Stiles & Fenton, Okla. C. 126:2-3, 1947.
Tissot, Fla. R. f. 1946/47:70.
Upchurch, Southeast. Cotton Ins. Control Conf. R. P. 1:32, 1947. (Abs.)
Weihing & Hoerner, Amer. Soc. Agron. J. 39:346-348, 1947.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.4-5, 1947.

DUSTS - CAMPHENE, CHLORINATED,
see also **DUSTS - TOXAPHENE;**
DUSTS - DDT & CAMPHENE,
CHLORINATED

DUSTS - CAMPHENE, CHLORINATED -
ADJUVANTS

- USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.4, 1947.

DUSTS - CAMPHENE, CHLORINATED -
EFFECT ON FLAVOR

- King, Ga. Coastal Plain B. 44:44, 1947.

DUSTS - CAMPHENE, CHLORINATED -
TESTS

- Rainwater, J. Ec. Ent. 40:924-925, 1947.

DUSTS - CARBONIC ACID, DIPHENYL
ESTER, see DUSTS - DIPHENYL
CARBONATE

DUSTS - CARRIERS, see DUST ADJU-
VANTS - DILUENTS

DUSTS - CEVADINE

- b Allen et al., J. Ec. Ent. 38:293-296, 1945.

DUSTS - CHLORDANE

- Arant, Southeast. Cotton Ins. Control Conf. R. P. 1:23-24, 1947.
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:13,16-17, 1947.
Gould, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:56-57, 1947.
Gould, Ind. R. 60:69,70,72, 1947.
Jones, S. C. Dept. Agr. YB f. 1946/47: 68-69.
Kelsheimer, Fla. R. f. 1946/47:126-127.
King, Ga. Coastal Plain B. 44:42-43, 1947.
Kulash, Southeast. Cotton Ins. Control Conf. R. P. 1:19-22, 1947.
Snipes et al., Rocky Mountain Conf. Ent. R. 18:9, 1947.
Stiles & Fenton, Okla. C. 126:3, 1947.
Tissot, Fla. R. f. 1946/47:70.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.3-4, 1947.

DUSTS - CHLORDANE - TESTS

- Hixson & Muma, J. Ec. Ent. 40:596, 1947.
Ingram et al., J. Ec. Ent. 40:781, 1947.
Ivy & Ewing, J. Ec. Ent. 40:588, 1947.

DUSTS - CHLORDANE - TESTS--Con-
tinued.

- Rainwater, J. Ec. Ent. 40:924-925, 1947.

DUSTS - CHLORDANE - TOXICITY TO
INSECTS

- i Brooks & Anderson, J. Ec. Ent. 40: 220-228, 1947.

DUSTS - CHLORDANE & CLAY & PY-
ROPHILLITE

- Lange & Smith, J. Ec. Ent. 40:498-499, 1947.

DUSTS - CHLORDANE & TALC

- Brett & Rhoades, J. Ec. Ent. 40:572-574, 1947.

DUSTS - CHLORDANE (RIVICOL)

- Bratley, Fla. R. f. 1946/47:69.

DUSTS - CHLORDANE (VELSICOL 1068)

- Chapman et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:17-19, 1947.

- Drake, Iowa Dept. Agr. YB 47:157, 1947.

- Drake et al., Iowa Dept. Agr. YB 47: 114, 1947.

- Dugas et al., La. R. f. 1945/46:54-55, 1947.

- Fisher, Bakers' Helper 86(1071):55, 1946.

- Floyd, J. Ec. Ent. 40:422-423, 1947.

- Hixson et al., Neb. R. 60:52, 1947.

- Ivy & Ewing, Assoc. South. Agr.

- Workers P. 44:127, 1947. (Abs.)

- Post et al., N. Dak. Bimo. B. 10:27-29, 1947.

- Russell, Fla. R. f. 1946/47:143.

DUSTS - CHLORDANE (VELSICOL 1068)
& TALC

- Brett & Rhoades, J. Ec. Ent. 39:677-678, 1946.

DUSTS - COMPATIBILITY, see INSEC-
TICIDES - COMPATIBILITY

DUSTS - CONCENTRATION & TOXICITY
b Turner, J. Ec. Ent. 38:360-364, 1945.

DUSTS - COPPER

- Talbert, Gen. Hort.:225-226, 1946.

DUSTS - COPPER, see also DUSTS -
BIS(2-THIOCYANOETHYL) ETHER

- & COPPER; DUSTS - CRYOLITE**

- & COPPER; DUSTS - DDT & COP-**

- PER; DUSTS - DDT & ROTENONE**

- & COPPER; DUSTS - DDT (GESA-**

- ROL A-3) & COPPER; DUSTS -**

- DINITRO COMPOUNDS & COPPER;**

- DUSTS - LEAD ARSENATE &**

- CALCIUM ARSENATE & COPPER;**

- DUSTS - LIME & COPPER;**

- DUSTS - LIME & NICOTINE &**

- COPPER; DUSTS - METHOXY-**

- CHLOR & COPPER MIXTURES;**

- DUSTS - NICOTINE & COPPER,**

- DUSTS - PYRETHRUM & CRYO-**

- LITE & COPPER; DUSTS - SABA-**

- DILLA & COPPER**

DUSTS - COPPER & SULFUR

- Oliver et al., Peanut J. & Nut World 24(8):30, 1945.

DUSTS - COPPER (FIXED)

- Parks & King, Ohio Ext. B. 76 rev.: 56, 1947.

- DUSTS - COPPER (FIXED)--Continued.
Pratt et al., N. Y. (C.) Ext. B. 696:34, 1946.
Sleesman & Wilson, Ohio B. 659:115-116, 1945.
- DUSTS - COPPER ARSENATE & SULFUR
Stiles, Okla. Ext. C. 430:9, 1946.
- DUSTS - COPPER ARSENATE (BASIC)
Bondy & Rainwater, S. C. R. 59:111-113, 1947.
Cartwright, S. C. R. 57:58-59, 1945.
Dugas, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:94-97, 1945.
Dunavan, S. C. R. 57:61, 1945.
Fulton, N. C. TB 85:13,15, 1947.
Marcovitch & Stanley, Tenn. R. 58:111, 1946.
Rainwater & Bondy, J. Ec. Ent. 40:371-373, 1947.
- DUSTS - COPPER ARSENATE (BASIC), see also DUSTS - ROTENONE & COPPER ARSENATE (BASIC); DUSTS - SULFUR & COPPER ARSENATE (BASIC)
- DUSTS - COPPER ARSENATE (BASIC) - EFFECT ON YIELD
Gaines, J. Ec. Ent. 40:434-435, 1947.
- DUSTS - COPPER ARSENATE (BASIC) & LIME
Smith et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:90-91, 1945.
- DUSTS - COPPER ARSENATE (BASIC) & ROTENONE
Bondy & Rainwater, S. C. R. 58:102, 1946; 59:111-112, 1947.
- DUSTS - COPPER ARSENATE (BASIC) & SULFUR
Harned, USDA YB f. 1943/47:656.
Hill, Neb. Res. B. 138:3-11,12, 1945.
b Ivy et al., J. Ec. Ent. 38:534-536, 1945.
List, Colo. Spud Notes 3(5):2, 1945.
List, West. Colo. Hort. Soc. Trans. f. 1945:81, 1946.
Stevenson, J. Ec. Ent. 38:532, 1945.
Zaumeyer, USDA YB f. 1943/47:355-336.
- DUSTS - COPPER ARSENATE (BASIC) & TALC
Curry, N. Mex. R. 57:31, 1947?
- DUSTS - COPPER CARBONATE
Plank, J. Ec. Ent. 39:316,318, 1946.
- DUSTS - COPPER-LIME
Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:8-9, 1945.
Leach & Blshop, W. Va. B. 326:31, 1946.
Petty, Ill. Veg. Grow. B. 5(3, i.e. 4):12, 1945.
Pratt et al., N. Y. (C.) B. 696:35, 1946.
Sleesman & Wilson, Ohio B. 659:115, 1945.
- DUSTS - COPPER SULFATE, see also DUSTS - DDT & LIME & COPPER SULFATE (MONOHYDRATED); DUSTS - SULFUR & LIME & COPPER SULFATE; DUSTS - ZINC NICOTINYL FLUOSILICATE & COPPER SULFATE (TRIBASIC)
- DUSTS - COPPER SULFATE (DEHYDRATED) & LIME
Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 70:3-4, 1947.
- DUSTS - COPPER SULFATE (TRIBASIC)
Watts, S. C. R. 59:160, 1947.
- DUSTS - COVERAGE, see DUST COVERAGE
- DUSTS - CRYOLITE
Annand, USDA EPQ R. f. 1943/44:13.
Armitage, J. Ec. Ent. 40:866, 1947.
Bissell & Dupree, Assoc. South. Agr. Workers P. 44:121-122, 1947.
(Abs.)
bi Brannon, J. Ec. Ent. 38:403-404, 1945.
Buchanan et al., Wash. B. 482:64, 1946.
Cartwright, S. C. R. 57:59, 1945.
Caryl & Johnston, Cal. Ext. C. 114 rev.:45, 1946.
b Cassidy et al., J. Ec. Ent. 38:50-51, 1945.
Dugas & Smith, La. R. f. 1944/45:59-60, 1946.
Dugas et al., La. R. f. 1944/45:61-63, 1946; 1945/46:53-54, 1947.
Dunavan, S. C. R. 58:64-65, 1946.
Dunavan & Hughes, S. C. R. 59:70, 1947.
English, J. Ec. Ent. 39:531-533, 1946.
Floyd, J. Ec. Ent. 40:422-423, 1947.
Floyd, La. R. f. 1945/46:55, 1947.
Fulton, J. Ec. Ent. 39:306-308, 1946.
Fulton, N. C. Res. & Farm. 4(Prog. R. 2):7,10, 1946.
Fulton & Glendenning, Common-Tater 2(7):5, 1946.
b Fulton et al., J. Ec. Ent. 40:747-749, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:81.
Harris et al., Soil Sci. Soc. Amer. P. 11:413-416, 1947.
Haviland, J. Ec. Ent. 40:418, 1947.
Hill, Iowa St. Col. J. Sci. 22:41, 1947.
Ingram, USDA EPQ E-647:1-2, 1945.
Ingram et al., J. Ec. Ent. 40:745-746, 1947.
Ingram et al., Sugar J. 9(11):10-12, 1947.
Ivy et al., J. Ec. Ent. 38:534-536, 1945.
Jacob et al., Cal. Ext. C. 116 rev.:70, 1947.
Kelsheimer, Fla. R. f. 1946/47:127.
King, Tex. Ext. B. 154:12, 1947.
Knowlton & Peay, Utah Mimeo. Ser. 325:1, 1946.
Kulash, N. C. Res. & Farm. 3(Prog. R. 2):10, 1945.
Lange, Spreckels Sugar Beet Bul. 11:2,5, 1947.
Lehker, Ind. Ext. B. 239 rev.:8, 1947.
Lincoln & Miner, Ark. Ext. C. 437:16, 1945.
List, Colo. Farm B. 7(5):14, 1945.
Martin, N. J. R. 66:53, 1946.
Minter, Fla. Grow. 55(11a):20, 1947.
Neely, Amer. Potato J. 23:136, 1946.

DUSTS - CRYOLITE--Continued.

- Peay, Utah Farm & Home Sci. 7(2):3;
Mkt. Grow. J. 75(8):15, 1946.
 - Pepper, Pa. Veg. Grow. News 15(1):
59; (2):35, 1945.
 - Poos & Hetrick, J. Ec. Ent. 38:315,
1945.
 - Price, Ky. Ext. C. 435:5; 437:4-5,
1947.
 - Stiles, Okla. Ext. C. 430:9, 1946.
 - Stuckey, Ga. R. 57:59-60, 1945; 58:
79-80, 1946; 59:86-87, 1947.
 - Tate, J. Ec. Ent. 39:414, 1946.
 - Thomas, J. Ec. Ent. 38:681-682, 1945.
 - Thompson, Oreg. C. Inform. 384:1-2,
1946.
 - Turner, Conn. B. 488:348-351,354-
355, 1945.
 - Watkins, N. Y. (C.) R. 58:117, 1946.
 - White, USDA EPQ E-642:2,4,7, 1945.
 - White, USDA YB f. 1943/47:664-665.
 - Wildon et al., Mich. Ext. B. 271:45,
1945.
 - Wolfenbarger, Del. B. 263:25, 1947.
 - Ga. Coastal Plain Mimeo. Paper 47:2,
1946.
 - USDA EPQ & La. Agr. Expt. Sta., Sug-
ar Bul. 23:100, 1945; 24:116,118,
1946; 25:89-90, 1947.
- DUSTS - CRYOLITE, see also DUSTS -
DDT & ROTENONE & CRYOLITE;
DUSTS - LEAD ARSENATE - TOX-
ICITY - EFFECT OF CRYOLITE;
DUSTS - LIME & NICOTINE &
COPPER & CRYOLITE; DUSTS -
NICOTINE & COPPER & CRYO-
LITE; DUSTS - NICOTINE &
CRYOLITE; DUSTS - PYRETHRUM
& CRYOLITE; DUSTS - ROTE-
NONE & CRYOLITE (UNDILUTED);
DUSTS - SULFUR & CRYOLITE
- DUSTS - CROLITE - ADJUVANTS
Turner, Conn. B. 488:357-358, 1945.
- DUSTS - CRYOLITE - STANDARDS
Cox, Cal. Dept. Agr. B. 33:318, 1945.
- DUSTS - CRYOLITE - TOXICITY TO
HONEYBEES
Eckert, Cal. C. 365:22-23, 1946.
- DUSTS - CRYOLITE & COPPER
Smith et al., Amer. Assoc. Ec. Ent.
Cotton Sts. Branch P. 19:90-91, 1945.
- DUSTS - CRYOLITE & COPPER SUL-
FATE & PYROPHYLLITE
Kulash, N. C. Res. & Farm. 3(Prog.
R. 2):10, 1945.
- DUSTS - CRYOLITE & FERTILIZER
Harris et al., Soil Sci. Soc. Amer. P.
11:415-416, 1947.
- DUSTS - CRYOLITE & GYPSUM
Maxwell, Can. Dept. Agr. Div. Ent.
Processed Pub. 66:2-4, 1947.
- DUSTS - CRYOLITE & LETHANE-60
Brannon, J. Ec. Ent. 38:400, 1945.
- DUSTS - CRYOLITE & NICOTINE
Stuckey, Ga. R. 58:79-80, 1946.
- DUSTS - CRYOLITE & PYROPHYLLITE
Bird, Can. Ent. 79:10, 1947.
- DUSTS - CRYOLITE & SODIUM FLUO-
ALUMINATE
King, Ga. Coastal Plain B. 44:42-43,
1947.

DUSTS - CRYOLITE & SULFUR

- Brannon, J. Ec. Ent. 40:104-106, 1947.
 - Curry, N. Mex. R. 56:46-47, 1946?
 - Ewing et al., J. Ec. Ent. 40:374,376,
1947.
 - List, Colo. Spud Notes 3(5):1945.
 - List, West. Colo. Hort. Soc. Trans. f.
1945:81, 1946.
 - Savage, Fla. R. f. 1946/47:206.
 - Vorhies & Wehrle, Ariz. B. 203:49,
1946.
 - Wilcox & Howland, USDA EPQ E-699:
2-8, 1946.
- DUSTS - CRYOLITE & SULFUR & TALC
Curry, N. Mex. R. 57:31, 1947?
- DUSTS - CRYOLITE & 2,4-D
Ingram et al., J. Ec. Ent. 40:745-746,
1947.
- DUSTS - CRYOLITE & TALC
b Brannon, J. Ec. Ent. 38:101-102,
1945.- Morisset, Quebec Soc. Protect. Plants
R. 30:64-65, 1947.
- Vorhies & Wehrle, Ariz. B. 203:28,
37-39, 1946.
- Watkins & Logan, N. Y. (C.) R. 57.
125, 1945.

DUSTS - CRYOLITE (ALORCO) & FLOUR
(WHEAT)
Hetrick, Va. B. 409:14-15, 1947.

DUSTS - CRYOLITE (KRYOCIDE)
Wilson & Slessman, Ohio Veg. & Po-
tato Grow. Assoc. P. 32:82, 1947.

DUSTS - CRYOLITE (KRYOCIDE) &
COC-S & TALC
Wilson & Slessman, Ohio Veg. & Po-
tato Grow. Assoc. P. 32:82-86, 1947.

DUSTS - CRYOLITE (SYNTHETIC)
Dugas, Amer. Assoc. Ec. Ent. Cotton
Sts. Branch P. 19:94-97, 1945.- Ingram, USDA EPQ E-647:1-3, 1945.
- Ingram et al., J. Ec. Ent. 40:779-781,
1947.
- Smith et al., Amer. Assoc. Ec. Ent.
Cotton Sts. Branch P. 19:90-91, 1945.

DUSTS - CRYOLITE (SYNTHETIC) &
GYPSUM (GROUND)
Ross & Garlick, Can. Dept. Agr. Div.
Ent. Processed Pub. 44:3, 1946.

DUSTS - CRYOLITE (SYNTHETIC) &
SODIUM FLUOSILICATE
Ingram, USDA EPQ E-647:1, 1945.

DUSTS - CRYOLITE MIXTURES
Fulton, N. C. TB 85:11-17, 1947.

DUSTS - CUBE
Annand, USDA EPQ R. f. 1944/45:19.- Bishopp, USDA Leaf. 152 rev.:2,4,
1946.

DUSTS - CUBE - ADJUVANTS
Turner, J. Ec. Ent. 39:155-157, 1946.

DUSTS - CUBE & DERRIS
b Matthyse, N. Y. (C.) B. 832:38,62,
1946.

DUSTS - CUBE & OIL & PYROPHYL-
LITE (PYRAX ABB)
i Matthyse, J. Ec. Ent. 38:287-290,
1945.

DUSTS - CUBE & PYROPHYLLITE
(PYRAX ABB)
i Matthyse, J. Ec. Ent. 38:287-290;
442-443, 1945.

DUSTS - CUBE & PYROPHYLLITE

(PYRAX ABB)--Continued.

Matthysse, N. Y. (C.) B. 832:56,60, 1946.

DUSTS - CUBE & SPERGON

Whitney, Vet. Med. 42:263-264, 1947.

DUSTS - CUBE & SULFUR

b Matthysse, N. Y. (C.) B. 832:38,40-46,56,59-60,62, 1946.

DUSTS - CUBE & SULFUR & BENTONITE

i Matthysse, J. Ec. Ent. 38:287-290, 1945.

DUSTS - CUBE & SULFUR (WETTABLE)

i Matthysse, J. Ec. Ent. 38:287-290, 1945; 442-443, 1945.

DUSTS - CUBE & TALC

Matthysse, N. Y. (C.) B. 832:56, 1946.

DUSTS - CUPROUS CYANIDE

Bohart, Hilgardia 17:295,300, 1947.

DUSTS - DDD, *see* DUSTS - DICHLORO-

DIPHENYL-DICHLOROETHANE

DUSTS - DDT

Ahlgren, N. J. B. 724.25, 1946.

Alicata et al., Poult. Sci. 25:377-380, 1946.

Alicata et al., Hawaii R. f. 1944/46: 98-99, 1947.

Baerg & Lincoln, Ark. Ext. C. 448.6, 1947.

Batchelder, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:22-23, 1947.

Bayer, N. C. R. 68:59,62, 1945; 69:56, 1946.

b Bayne-Jones, R. I. Med. J. 30:426-430, 1947.

i Bishopp et al., USDA EPQ E-292 rev. 2-4, 1946.

Bissell & Dupree, Assoc. South Agr. Workers P. 44:121-122, 1947. (Abs.)

Bjornseth, Mich. Quart. B. 28:191-193, 1946.

Bondy & Rainwater, S. C. R. 59:111-113, 1947.

Borden, J. Ec. Ent. 40:926-927, 1947.

Boston, Med. Assoc. Ga. J. 34:231-232, 1945.

Bowser, Mich. Quart. B. 28:196, 1946.

Brann, N. Y. (G.) R. 65:16, 1947.

Brett, Okla. B. 303:3,7, 1946.

Brett et al., Okla. TB-24:23-28,30, 1946.

Brindley et al., Ida. B. 268:41-42, 1946; 269:33, 1947.

i Burtner, South. Seedsm. 8(2):14,44, 1945.

Burton, U. S. Navy BUMED News Let. 7(4):15, 1946.

b Bushland et al., J. Ec. Ent. 38:210-217; Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:67-68, 1945. (Abs.)

Carlson et al., Wash. B. 570:144-145, 1945.

Carruth, N. Y. (G.) R. 65:20-21, 1947.

Clark, Iowa St. Hort. Soc. Trans. 82: 94, 1947.

Coleman, Miss. Farm Res. 10(8):4, 1947.

Cormany, Amer. Soc. Sugar Beet Technol. P. 4:327-329; 329-330, 1947.

Cory, Md. Agr. Soc. R. 30:148, 1946.

Cotton & Frankenfelf, Seed World 58 (9):24, 1945.

DUSTS - DDT--Continued.

Cotton & Frankenfelf, USDA EPQ E-677:10-11, 1945.

Cotton & Frankenfelf, Down to Earth 3(1):11, 1947.

Cowan et al., Amer. J. Trop. Med. 27: 67-68, 1947.

Curry, N. Mex. R. 57:17, 1947?

Darling, Prog. Guide 9:29, 1945.

b Davis, U. S. Pub. Health Rpts. 60: 485-489, 1945; 62:449-463, 1947.

Deonier et al., J. Ec. Ent. 38:242-243, 1945.

Dorman, Miss. R. 59:27, 1947?

Dove, USDA EPQ E-673:7, 1945.

Drake & Tauber, Iowa R. f. 1944/45 pt. 1:247-248.

Drake et al., Iowa R. f. 1945/46 pt. 1: 226-227.

Dugas, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:94-97, 1945.

Dugas & Smith, La. R. f. 1944/45:59-60, 1946.

Dugas et al., La. R. f. 1944/45:61, 1946; 1945/46:54, 1947.

Dunavan, S. C. R. 57:61-62, 1945; 58: 57-60,63-64, 1946; 59:68, 1947.

Dunavan & Hughes, S. C. R. 59.70, 1947.

Dutsch & Smith, La. R. f. 1944/45:64-65, 1946.

Eads, J. Ec. Ent. 39:659-660, 1946.

Ebeling, Cal. Citrog. 31:405, 1946.

Elishevitz, Soap & Sanit. Chem. 23(5): 127-128, 1947.

English, Ala. R. 54/55:29, 1946.

Enns, Mo. St. Hort. Soc. Hort. News 7(2):10-11, 1947.

Essig, Food Packer 28(12):62, 1947.

Farrar & Wright, J. Ec. Ent. 39:520-522, 1946.

Fisher, Natl. Butter & Cheese J. 38 (8):92, 1947.

Floyd, J. Ec. Ent. 40:422-423, 1947.

Franklin, Mass. B. 428.29, 1945.

Franklin, Cranberries 11(2):22, 1946.

French, Va. Dept. Agr. & Immigr. B. 458:12, 1947.

Fulton, J. Ec. Ent. 39:306-308, 1946.

Fulton, N. C. TB 85:14,17-18, 1947.

Fulton & Glendenning, Common-Tater 2(7):5, 1946.

Gannon, Ga. Ext. B. 524 rev.:31-32, 35, 1947.

Gates, Neb. R. 59:63, 1946.

Glendenning, Can. Dept. Agr. Div.

Ent. Processed Pub. 21 rev.:5, 1947.

Gould, Amer. Assoc. Ec. Ent. N.

Cent. Sts. Branch P. 2:42, 1947.

Gould, Ind. R. 60:72, 1947.

Granovsky, Amer. Assoc. Ec. Ent. N.

Cent. Sts. Branch P. 2:55, 1947.

Granovsky, Minn. Hort. 75:118, 1947.

Gray & Schuh, Oreg. Seed Grow.

League P. Ann. Mtg. 4:47, 1945.

b Greeley, Med. Clin. N. Amer. [31]: 654-656, 1947.

Hamilton, South. Seedsm. 8(4):14,1945.

Hamner, Miss. Farm Res. 10(9):8, 1947.

Handford, Can. Ent. 79:36-37, 1947.

Hanna, Down to Earth 2(3):11, 1946.

DUSTS - DDT--Continued.

- Hansens & Scheidhelm, N. J. Ext. Leaf. 7:3-4, 1947.
 Hardy, Iowa St. Hort. Soc. Trans. 81: 169, 1946.
 Harned, USDA YB f. 1943/47:657-658.
 Harris, Iowa R. f. 1945/46 pt. 1:234-235.
 Harris et al., Soil Sci. Soc. Amer. P. 11:413-416, 1947.
 Hawkins, Maine B. 449:385,398, 1947.
 Hervey, N. Y. (G.) R. 65:19, 1947.
 Hills & Kennedy, USDA EPQ E-648:6-19, 1945.
 Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:305-309,311-317, 1947.
 Hinton, N. C. St. Bd. Health, Health B. 60(10):10-11, 1945.
 Horton, Cackle & Crow, 27(3):10, 1945.
 Houghton, Bklyn. Ent. Soc. B. 42:104-105, 1947.
 Howard & Rich, R. I. Misc. Pub. 29.6, 1946.
 Irons & Cox, Tex. St. J. Med. 42:335-336, 1946.
 Isaksson, Amer. Soc. Sugar Beet Technol. P. 4:319-321, 1947.
 Ivy & Ewing, J. Ec. Ent. 39:38-41, 1946.
 Ivy et al., Assoc. South. Agr. Workers P. 44:127, 1947.
 b Ivy et al., J. Ec. Ent. 40:513-517, 1947.
 Jones et al., Oreg. C. Inform. 405:4, 1947.
 Kaiser, Amer. J. Pub. Health 36:1133-1134, 1946.
 Karr et al., Wash. St. Hort. Assoc. P. 43:118-119, 1947.
 Kelsheimer, Fla. St. Hort. Soc. P. 59: 84, 1946.
 King, Ga. Coastal Plain B. 44:42-43, 1947.
 King & Parks, Ohio Veg. & Potato Grow. Assoc. P. 32:17-18, 1947.
 Knowlton, Utah Acad. Sci. Arts & Let. P. 24:144, 1947.
 Knowlton & Peay, Utah Farm & Home Sci. 7(2):11-12, 1946.
 Knowlton & Peay, Utah Mimeo. Ser. 325:1, 1946.
 Konkright & Lange, Cal. C. 365:33-34, 1946.
 Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):15, 1947.
 Laake, Kans. Stockm. 30 [i.e. 29](9): 10, 1945.
 Lange & Herbert, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 27-28, 1945.
 Lathrop, Maine B. 449:412-413, 1947.
 Lathrop & Dirks, Maine B. 438:651-652, 1945.
 Lathrop & Knight, Maine B. 449:425, 1947.
 Lathrop et al., Maine Ext. C. 223; 6 p., 1946.
 Lee, Profitable Poult. Mangt. rev.: 237-239, 1947.
 Lieberman, USDA EPQ E-658, 7 p., 1945.

DUSTS - DDT--Continued.

- Lieberman, Utah Farm & Home Sci. 6(3):3-4, 1945.
 Lieberman, Amer. Soc. Agron. J. 38: 489-494, 1946.
 Lieberman & Hare, USDA EPQ E-697, 4 p., 1946.
 Littlehales, Northw. Med. 44:391-392, 1945.
 i Lowe, Seed World 58(7):42, 1945.
 Ludwig & Page, U. S. Pub. Health Rpts. 62:77-84, 1947.
 Macchiavello, Amer. J. Pub. Health 36:842-854, 1946.
 McConnon, Food Packer 27(4):54, 1946.
 McDaniel, Flor. Rev. 98(2534):33, 1946.
 McDaniel, Gladiolus 22:43, 1947.
 McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:239-240, 1947.
 McGovran & Piquett, Soap & Sanit. Chem. 22(8):157,159,181, 1946.
 McMahon & Arnason, Can. Dept. Agr. Div. Ent. Processed Pub. 67:2-3, 1947.
 Manis & Shull, Ida. B. 268:40, 1946; 269:33, 1947.
 b Maple et al., Mosq. News 6:127-130, 1946.
 Michelbacher & Swanson, Cal. C. 365: 71, 1946.
 Michelbacher et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:4-6, 1945.
 Michelbacher et al., Agr. Chem. 2(3): 22-23,53-54,68, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 711: 15,38,44,52, 1947.
 Mills et al., Mont. B. 442:12, 1947.
 Minter et al., Fla. Grow. 55(11a):20, 1947.
 Moore, Amer. Vet. Med. Assoc. J. 108:162, 1946.
 Morrison, Macdonald Col. J. 6(5):14, 1946.
 Morrison et al., Oreg. C. Inform. 393: 4, 1946.
 Mote, Oreg. C. Inform. 380,5 p., 1946.
 Mote et al., Oreg. Ext. B. 676:3-4, 1947.
 Munding, J. Ec. Ent. 39:303-305, 1946.
 Munro, Coop. Poultrym. 10(9):12, 1945.
 Munro, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:82, 1947.
 Musacchio, Tex. St. J. Med. 41:364, 1945.
 Neal, Soap & Sanit. Chem. 21(1):100, 1945.
 Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30:43-44, 1945.
 Ortiz-Mariotte et al., Amer. J. Pub. Health 35:1191-1195, 1945.
 Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:72,94.
 Payne et al., Reunion Interamer. del Tifo Pub. Ofic. 1:257-260,262,265, 1947.

DUSTS - DDT--Continued.

- Petty, Ill. Veg. Grow. B. 5(3 i.e. 4):11-12, 1945.
 Pletsch, Mont. B. 446:71,85, 1947.
 Polivka, Ohio B. 665:42, 1946.
 Poos, J. Ec. Ent. 38:197-199, 1945.
 Poos & Hetrick, J. Ec. Ent. 315, 1945.
 Post et al., N. Dak. Bimo. B. 10:27-29, 1947.
 Price, Ky. Ext. C. 437:4-5, 1947.
 Quasthoff, Flor. Rev. 97(2499):39, 1945.
 Rainwater & Bondy, J. Ec. Ent. 40:371-373, 1947.
 Reid, S. C. R. 57:131, 1945.
 Richardson, West. Grow. & Ship. 16(9):12, 1945.
 Riehl, Pest Control & Sanit. 1(7):28-29, 1946.
 Rings, Ohio Dept. Agr. Bion. R. f. 1945/46:40, 1947.
 Rockwood, Oreg. Seed Grow. League P. Ann. Mtg. 4:61,63, 1945.
 Rockwood et al., Oreg. C. Inform. 372. 2-3, 1946.
 b Romney, J. Ec. Ent. 39:664-665, 1946.
 Roney, J. Ec. Ent. 40:932, 1947.
 Russell, Fla. R. f. 1946/47:143.
 Scholl & Medler, J. Ec. Ent. 40:448-450, 1947.
 Schread, Conn. B. 512:49-50, 1946.
 Schwardt, N. Y. (G.) Farm Res. 11(4). 4-5, 1945.
 Shaw et al., J. Ec. Ent. 39:818-819, 1946.
 Shull & Manis, Ida. B. 268:40, 1946.
 Smallman, Amer. Mill. 73(4):64; (7):52,56,58, 1945.
 Smith, Cal. C. 365:30, 1946.
 Smith & Gouck, J. Ec. Ent. 40:790-794, 1947.
 Smith & Lange, Cal. C. 365:52-54, 1946.
 bi Smith & Michelbacher, J. Ec. Ent. 39:638-648, 1946.
 Snipes et al., Rocky Mountain Conf. Ent. R. 18:9-10, 1947.
 Soper et al., Reunion Interamer. del Tifo Pub. Ofic. 1:443-444,446-447, 1947.
 Sorenson, Mirid-bug Injury as a Factor in Declining Alfalfa-seed Yields: 19-22,25-26, 1946.
 Sorenson & Carlson, Utah Farm & Home Sci. 6(3):5,11, 1945.
 Sorenson & Carlson, Amer. Soc. Agron. J. 38:495-501, 1946.
 Stiles, Okla. Ext. C. 430:9, 1946.
 Stilson, Amer. Waterworks Assoc. J. 38:633, 1946.
 Stoller, Agr. Chem. 1(2):25,64, 1946.
 Strode, Rockefeller Found. Internat. Health Div. R. f. 1945:83-86.
 Stuckey, Ga. R. 57:59-60, 1945; 58:79-81, 1946.
 Tate & Gates, Neb. R. 59:57-58, 1946.
 Tauber & Drake, Iowa St. Hort. Soc. Trans. 80:261-262, 1945.
 Thompson, Oreg. C. Inform. 384:1-2, 1946.
 Tienken, Amer. Orchid Soc. B. 16:288-289, 1947.

DUSTS - DDT--Continued.

- Turner, Mkt. Grow. J. 74(12):24, 1945.
 Turner, Conn. B. 488:348-353; 485:27-33, 1945; 501:93-94; 512:68-69, 1946.
 Urann, USDA Farm Credit Adm. News f. Farm. Coop. 14(5):11, 1947.
 Vorhies & Wehrle, Ariz. B. 203:20-21, 28,30,32,37,39,45, 1946.
 Walker, Utah B. 327:8,11, 1947.
 Walton, J. Ec. Ent. 39:273, 1946.
 Warren, Poult. Sci. 24:473-476, 1945.
 Watkins, N. Y. (C.) R. 58:115-117, 1946.
 Wehling & Hoerner, Amer. Soc. Agron. J. 39:347-348, 1947.
 Welker, Ariz. Farm. Prod. 24(4):4-5, 1945.
 Westcott, Sun-up 2(8):4-5, 1947.
 Wiley, Amer. J. Pub. Health 36:976-977,980-982, 1946.
 i Wiley & Hammerstrom, Pests 15(1):21-22,24,26, 1947.
 Wilson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:72-73, 1946.
 Woglum & Lewis, Cal. Citrog. 32:309, 1947.
 Yager & Gletser, Amer. Vet. Med. Assoc. J. 109:206-207, 1946.
 Oreg. C. Inform. 407:3-4, 1947.
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:1-3,7-8, Burley & Dark Fire-Cured Tob.:1-3, 1947.
 USDA EPQ, DDT for control Jap. bee-tle. 2, 1946.
 USDA EPQ E-714:2, 1947.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.6-7, 1947.
 U. S. War Dept. TB MED 184:5, 1945; 194(PB-2436):5, 1945.
 DUSTS - DDT - ADJUVANTS
 b Bushland et al., J. Ec. Ent. 38:213-216, 1945.
 Smith & Michelbacher, J. Ec. Ent. 39. 646-647, 1946.
 i Tyner, Agr. Chem. 2(4):41,65-66, 1947.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:7, 1947.
 DUSTS - DDT - ANALYSIS
 U. S. Army Med. Dept. Bul. 4:411, 1945.
 DUSTS - DDT - COMPATIBILITY
 Hamner, J. Ec. Ent. 40:574-575, 1947.
 DUSTS - DDT - COST OF APPLICATION
 Lowe, Seed World 58(7):42, 1945.
 DUSTS - DDT - DEPOSITS
 Borden, J. Ec. Ent. 40:926-927, 1947.
 DUSTS - DDT - EFFECT ON APHID POPULATIONS
 Ingram, USDA EPQ E-647:3, 1945.
 Schroeder & Hervey, N. Y. (G.) R. 65:45, 1947.
 DUSTS - DDT - EFFECT ON PLANTS
 Artschwager, Science 102:482, 1945.
 Brindley & Schopp, USDA EPQ E-668:8-10, 1945.

- DUSTS - DDT - EFFECT ON POTATOES
Clark & Hoveland, Wis. B. 466:18,
1945.
Linn et al., Ill. Veg. Grow. B. 6(3):6-
9, 12-16, 1946.
Wilson & Slesman, Amer. Potato J.
23:62, 1946.
- DUSTS - DDT - EFFECT ON YIELD
Annand, USDA EPQ R. f. 1945/46:6.
Schwardt et al., J. Ec. Ent. 40:363-
365, 1947.
- DUSTS - DDT - GRINDING
Jones et al., J. Ec. Ent. 38:207-208,
1945.
- DUSTS - DDT - HAZARDS & SAFE-
GUARDS
Lathrop et al., Maine Ext. C. 223:6,
1946.
Ludwig & Page, U. S. Pub. Health
Rpts. 62:81, 1947.
- DUSTS - DDT - PARTICLE SIZE
Weisser & Gooden, Agr. Chem. 2(8):
28-29, 1947.
- DUSTS - DDT - RELATED COMPOUNDS,
see DUSTS - DICHLORO-DI-
PHENYL-DICHLOROETHANE;
DUSTS - METHOXYCHLOR
- DUSTS - DDT - RESIDUAL EFFECTS
Dudley et al., USDA EPQ E-651:5,
1945.
Rockwood & Reehner, USDA EPQ E-
650:2-3, 1945.
b Sweetman, Soap & Sanit. Chem. 21
(12):141,143,145,147,149,171, 1945.
Warren, Poult. Sci. 24:473-476, 1945.
Wilson et al., J. Ec. Ent. 39:801-806;
806-809, 1946.
- DUSTS - DDT - SYNERGISTS
b Bushland et al., J. Ec. Ent. 38:216,
1945.
- DUSTS - DDT - TESTS
Apple, J. Ec. Ent. 38:410, 1945.
Brindley & Schopp, USDA EPQ E-668,
10 p., 1945.
Bruce & Tauber, J. Ec. Ent. 38:439-
441, 1945.
Campbell & Filmer, Hints to Potato
Grow. 26(10):3-4, 1946.
bi Carruth & Hervey, J. Ec. Ent. 40:
716-721, 1947.
Chapman et al., J. Ec. Ent. 38:608-
609, 1945.
Chapman et al., Amer. Assoc. Ec. Ent.
N. Cent. Sts. Branch P. 2:17-19,
1947.
Hamilton, N. Y. St. Hort. Soc. P. 91:
200-205, 1946.
Hills, USDA EPQ E-635, 4 p., 1945.
Kulash, J. Ec. Ent. 40:927-928, 1947.
Lathrop, Mass. Ext. Fruit Notes, Nov.
26, 1945:6.
b Madden et al., J. Ec. Ent. 38:266-
267, 1945.
Pepper & Wilson, J. Ec. Ent. 40:731-
732, 1947.
Pepper et al., J. Ec. Ent. 40:728-730,
1947.
Povar, Cornell Vet. 36:91-92, 1946.
Sweetman, J. Ec. Ent. 39:417-418, 1946.
- DUSTS - DDT - TESTS, COMPARATIVE
Lyle & Strong, J. Ec. Ent. 38:611-612,
1945.
- DUSTS - DDT - TESTS, COMPARATIVE
--Continued.
Stevenson, J. Ec. Ent. 38:531-533,
1945.
- DUSTS - DDT - TESTS, FIELD
Deonier et al., J. Ec. Ent. 38:244-
245, 1945.
- DUSTS - DDT - TOLERANCE
Lieberman, USDA EPQ E-658:6, 1945.
DDT Com. Wis. Agr. Expt. Sta., Can-
ning Trade 69(49):7,21, 1947.
- DUSTS - DDT - TOXICITY - DAIRY
PRODUCTS, see INSECTICIDES -
DDT - TOXICITY - DAIRY PROD-
UCTS
- DUSTS - DDT - TOXICITY TO AQUATIC
LIFE
Horsfall, J. Ec. Ent. 39:725, 1946.
- DUSTS - DDT - TOXICITY TO BEES
Annand, USDA EPQ R. f. 1944/45:28.
Eckert, Cal. C. 365:23-24, 1946.
Linsley, Cal. C. 365:18-22, 1946.
b Linsley & MacSwain, J. Ec. Ent. 40:
358-363, 1947.
Shaw, Can. Ent. 78:110, 1946.
- DUSTS - DDT - TOXICITY TO CATS
Dove, USDA EPQ E-673:14, 1945.
- DUSTS - DDT - TOXICITY TO LIVE-
STOCK
Hawkins, Maine B. 449:385, 1947.
Rockwood et al., Oreg. C. Inform. 372:
3, 1946.
Schwardt et al., J. Ec. Ent. 40:365,
1947.
- DUSTS - DDT - TOXICITY TO MICE
Olson & Dahms, J. Parasit. 32:59-60,
1946.
- DUSTS - DDT - TOXICITY TO MITES
Figge & Wolfe, Soc. Expt. Biol. &
Med. Proc. 60:137-138, 1945.
- DUSTS - DDT & ACETONE & TALC
Dudley et al., Wis. B. 469:35, 1946.
- DUSTS - DDT & ANTU
Upton, Pests 13(10):14, 1945.
- DUSTS - DDT & BENZENE HEXA-
CHLORIDE
Arant, Southeast. Cotton Ins. Control
Conf. R. P. 1:23-25, 1947.
Bondy, Southeast. Cotton Ins. Control
Conf. R. P. 1:12,16-17, 1947.
Drake et al., Iowa Dept. Agr. YB 47:
114, 1947.
Ewing et al., Assoc. South. Agr.
Workers P. 44:124-125, 1947. (Abs.)
b Ewing et al., J. Ec. Ent. 40:374-381,
1947.
Granovsky, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:55, 1947.
Ivy et al., Assoc. South. Agr. Workers
P. 44:127, 1947. (Abs.)
Jones, S. C. Dept. Agr. YB f. 1946/47:
68-69.
King, Ga. Coastal Plain B. 44:42, 1947.
King, Southeast. Cotton Ins. Control
Conf. R. P. 1:26-28, 1947.
Kulash, Southeast. Cotton Ins. Control
Conf. R. P. 1:19-22, 1947.
Magie, Gladiolus Mag. 11(4):19, 1947.
Magie, N. Amer. Glad. Council B. No.
11:16, 1947.
Magie & Kelsheimer, Fla. R. f.
1946/47:130.

- DUSTS - DDT & BENZENE HEXA-
CHLORIDE--Continued.
Rainwater, J. Ec. Ent. 40:924-925,
1947.
Rainwater & Bondy, J. Ec. Ent. 40:371-
373, 1947.
- DUSTS - DDT & BENZENE HEXA-
CHLORIDE & SULFUR
Anderson, USDA R. Sec. f. 1947:138.
Stiles & Fenton, Okla. C. 126:2, 1947.
- DUSTS - DDT & CALCIUM ARSENATE
Annand, USDA EPQ R. f. 1944/45:16.
- DUSTS - DDT & CALCIUM ARSENATE &
NICOTINE
Loftin, USDA EPQ E-657:2, 1945.
- DUSTS - DDT & CALCIUM ARSENATE &
SULFUR - EFFECT ON YIELD
Gaines et al., J. Ec. Ent. 40:113-115,
1947.
- DUSTS - DDT & CALCIUM CARBONATE
Bushland, J. Ec. Ent. 39:346-347, 1946.
- DUSTS - DDT & CAMPHENE, CHLORI-
NATED
Rainwater, J. Ec. Ent. 40:924-925,
1947.
- DUSTS - DDT & CHLORDANE
Bondy, Southeast. Cotton Ins. Control
Conf. R. P. 1.12, 17, 1947.
Jones, S. C. Dept. Agr. YB f. 1946/47-
69.
Rainwater, J. Ec. Ent. 40:924-925,
1947.
Stiles & Fenton, Okla. C. 126:3, 1947.
Thompson, Fla. R. f. 1946/47:157.
USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov.17-19)
R.:4, 1947.
- DUSTS - DDT & COPPER
Munro & Redman, N. Dak. Bimo. B. 7
(4).11, 1945.
Smith et al., Amer. Assoc. Ec. Ent.
Cotton Sts. Branch P. 19:90-91, 1945.
- DUSTS - DDT & COPPER (FIXED) &
TALC
Morofsky & Muncie, Mich. Ext. B. 181
rev. 3-4, 1946.
Tussing, Ohio Veg. & Potato Grow.
Assoc. P. 31:212, 1946.
- DUSTS - DDT & COPPER MIXTURES
Stitt, Amer. Potato J. 24:116-122,
1947.
- DUSTS - DDT & FERBAM
Nettles et al., S. C. Ext. B. 109:25,
1947.
- DUSTS - DDT & FERTILIZER
Conklin, N. H. B. 367:45, 1946.
Harris et al., Soil Sci. Soc. Amer. P.
11:415-416, 1947.
Horsfall, J. Ec. Ent. 39:723-725, 1946.
Kelsheimer, Fla. B. 434:9-11, 13-15,
17-18, 1947.
- DUSTS - DDT & FUNGICIDES
Granovsky, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:55, 1947.
- DUSTS - DDT & FUNGICIDES & TALC
Wilson & Slesman, Ohio Veg. & Po-
tato Grow. Assoc. P. 32:81-86, 1947.
- DUSTS - DDT & HYDROXYPENTAMETH-
YLFLAVAN
b Morlan, J. Ec. Ent. 40:917-918, 1947.
- DUSTS - DDT & LEAD ARSENATE &
SULFUR
Lange & Smith, J. Ec. Ent. 40:497-
498, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711:
11-12, 1947.
- DUSTS - DDT & LETHANE A-70
Schwittzgebel, Soap & Sanit. Chem. 22
(5):131-133, 1946.
- DUSTS - DDT & LIME
Trullinger et al., USDA OES R. f.
1945/46:111, 1947.
- DUSTS - DDT & LIME & COPPER SUL-
FATE (MONOHYDRATED)
Morofsky & Muncie, Mich. Ext. B.
181 rev.3-4, 1946.
- DUSTS - DDT & LIME & SULFUR &
OIL & TALC
Chandler et al., Amer. Assoc. Ec.
Ent. N. Cent. Sts. Branch P. 2:50-
51, 1947.
- DUSTS - DDT & MAGNESIUM OXIDE
Dorman, Miss. R. 59:27, 19477 .
- DUSTS - DDT & NICOTINE
Barber & Dutsch, La. R. f. 1944/45.
63, 1946.
Smith et al., La. R. f. 1944/45:58,
1946.
- DUSTS - DDT & NICOTINE & COPPER
Dutsch et al., Amer. Assoc. Ec. Ent.
Cotton Sts. Branch P. 19:92-93,
1945.
- DUSTS - DDT & NICOTINE BENTON-
ITE - SYNERGISM
bi Turner & Saunders, J. Ec. Ent. 40
553-556, 1947.
- DUSTS - DDT & OIL
b Bushland et al., J. Ec. Ent. 38:216-
217, 1945.
Dunavan, S. C. R. 58:59-60, 1946.
Wilson, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:73, 1946.
- DUSTS - DDT & OIL & TALC
Firebaugh, Pa. Veg. Grow. News 15
(5):95, 1945.
- DUSTS - DDT & PARATHION - TESTS
Rainwater, J. Ec. Ent. 40:924-925,
1947.
- DUSTS - DDT & PYRETHRIN
Whitcomb, Mass. B. 441:37, 1947.
- DUSTS - DDT & PYRETHRUM
Morrison et al., Oreg. C. Inform.
393:4, 1946.
- DUSTS - DDT & PYROPHYLLITE
Bare, Neb. R. 59:61, 1946.
Blakeslee, J. Ec. Ent. 38:549-550,
1945.
Boston, Med. Assoc. Ga. J. 36:124-
125, 150-151, 1947.
Buchanan et al., Wash. B. 482:65,
1946.
Burr, Neb. R. 59:64, 1946.
Curry, N. Mex. R. 56:46-48, 1946?
Dudley et al., USDA EPQ E-651:4-6,
8-9, 1945.
Eddy & Carson, J. Ec. Ent. 39:759-
762, 1946.
Ewing & Parencia, J. Ec. Ent. 38:
495-496, 1945.
Fife et al., J. Ec. Ent. 38:598-599, 1945.

DUSTS - DDT & PYROPHYLLITE--Continued.

- Gouck, J. Ec. Ent. 39:410-411, 1946.
Hambleton, J. Ec. Ent. 38:282, 1945.
Hare et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:82-84, 1947.
Harris, Iowa R. f. 1946/47 pt. 1:212.
Hill, Neb. R. 59:55-57, 1946.
Hill, Iowa St. Col. J. Sci. 22:41, 1947.
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:306-307, 1947.
Ingram et al., USDA EPQ E-647, 4 p., 1945.
Ivy & Ewing, J. Ec. Ent. 38:276, 1945.
List & Hoerner, J. Ec. Ent. 40:138, 1947.
i Luginbill & Benton, J. Ec. Ent. 38:283, 1945.
McCroan & Ramsey, Med. Assoc. Ga. J. 36:242-244, 1947.
i Matthyse, J. Ec. Ent. 38:287-290, 1945.
Munro & Knapp, N. Dak. Bimo. B. 7(4):21, 1945.
i Munro et al., N. Dak. Bimo. B. 7(5):21-23, 1945.
Osburn, J. Ec. Ent. 38:168, 1945.
Peay & Sorenson, Utah Farm & Home Sci. 7(2):12, 1946.
Plummer, USDA EPQ E-700:8-14, 1946.
Poos, J. Ec. Ent. 38:447-448, 1945.
Scott, J. Ec. Ent. 39:402, 1946.
Tate, J. Ec. Ent. 39:414, 1946.
Stuckey, Ga. R. 59:86, 1947.
Vorhies & Wehrle, Ariz. B. 203:28, 46, 1946.
DUSTS - DDT & PYROPHYLLITE - TOXICITY TO BEES
McGregor & Vorhies, Ariz. B. 207:5-10, 18, 1947.
DUSTS - DDT & ROTENONE
Brindley & Schopp, USDA EPQ E-668:2-3, 5, 1945.
DUSTS - DDT & ROTENONE & COPPER
Bissell & Dupres, Assoc. South. Agr. Workers P. 44:122, 1947. (Abs.)
Stuckey, Ga. R. 59:86, 1947.
DUSTS - DDT & ROTENONE & CRYO-LITE
Dunavan & Hughes, S. C. R. 59:70, 1947.
Wilson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:72-73, 1946.
DUSTS - DDT & ROTENONE & SULFUR
Annand, USDA EPQ R. f. 1946/47:5.
Brannon, J. Ec. Ent. 40:103-106; 933-934, 1947.
DUSTS - DDT & SABADILLA
Clark & Hoveland, Wis. B. 472:16-17, 1947.
Martin, N. J. R. 67:61, 1947.
Medler & Scholl, J. Ec. Ent. 40:580-581, 1947.
DUSTS - DDT & SPERGON
Turner, Conn. B. 501:95-96, 1946.
DUSTS - DDT & SULFUR
Becnal et al., J. Ec. Ent. 40:511-513, 1947.
Blackburn & Weaver, Ohio St. Hort. Soc. P. 100:33-34, 41, 1947.

DUSTS - DDT & SULFUR--Continued.

- Boyce & Ewart, Cal. Cit. Expt. Sta. News Let. 25:1-2, 1946.
Boyce & Ewart, Cal. Citrog. 31:240-241, 1946.
Daniels, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:53-54, 1947.
Ebelling, Cal. Ext. C. 43 rev.:47, 1947.
Fife et al., J. Ec. Ent. 38:598-599, 1945.
Fletcher et al., J. Ec. Ent. 40:595-596, 1947.
Gaines, Cotton & Cotton Seed Press 47(10):6-7, 1946.
Garman, Conn. B. 501:79, 1946.
Garman, Conn. Pom. Soc. P. 55:25, 1946; 56:24, 28, 1947.
Garman & Brigham, Conn. B. 512:89-91, 1946.
Gould, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:56-57, 1947.
Gould, Ind. R. 60:69, 1947.
Hawkins, Maine B. 442:221-222, 1946; 449:389-390, 400, 1947.
Hill, Neb. R. 59:55-57, 1946.
Hill, Iowa St. Col. J. 22:41, 1947.
Hill & Sooter, Neb. R. 60:51, 1947.
Holland, Cal. Lima Bean News 5(1) 7, 1947.
Jacob et al., Cal. Ext. C. 116 rev.:69, 1947.
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:22, 1945.
Jones, Oreg. C. Inform. 414.1, 1947.
Jones et al., Oreg. C. Inform. 405:1, 4, 1947, 406:2, 4, 1947.
King, Ga. Coastal Plain B. 44:44, 1947.
King, Southeast. Cotton Ins. Control Conf. R. P. 1:26-27, 1947.
King, Tex. Ext. B. 154:12, 14, 1947.
Lange, Cal. C. 365:39-41, 43-45, 55-56, 1946.
Lewis, Cal. Citrog. 32:32, 1946.
List, West. Colo. Hort. Soc. Trans. f. 1945:81, 1946.
List, J. Ec. Ent. 40:109-112, 1947.
Lyle, Miss. Inform. Sheet 389:2, 1947.
Matthyse, N. Y. (C.) B. 832:47, 51, 54, 61, 1946.
Michelbacher et al., Agr. Chem. 2(3):22, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711:65, 70, 1947.
b Morlan, J. Ec. Ent. 40:917-918, 1947.
Parenacia et al., J. Ec. Ent. 39:330-332, 335, 1946.
Poos et al., J. Ec. Ent. 40:903-905, 1947.
Riedl & Harrison, Wyo. B. 271:18-19, 21-23, 1945.
Smith, Cal. C. 365:30-32, 1946.
Smith & Lange, Cal. C. 365:52-54, 1946.
Stevenson, J. Ec. Ent. 38:532-533, 1945.
Stiles, Okla. Ext. C. 430:11-12, 1946.
Thies, Mass. Ext. Fruit Notes Dec. 31, 1945:5, 1945.
Trullinger et al., USDA OES R. f. 1945/46:111, 1947.

- DUSTS - DDT & SULFUR--Continued.
 Welker, Ariz. Farm. Prod. 24(4):4-5, 1945.
 Woglum & Lewis, Cal. Citrog. 32:309, 1947.
 Wolfenbarger, Fla. Ent. 29:41, 1947.
- DUSTS - DDT & SULFUR - TOXICITY TO BEES
 Linsley & MacSwain, J. Ec. Ent. 40:380, 1947.
 McGregor & Vorhies, Ariz. B. 207:12-13, 18, 1947.
- DUSTS - DDT & SULFUR & OIL
 Garman, Conn. Pom. Soc. P. 55:22, 25, 1946.
- DUSTS - DDT & SULFUR & PYROPHYL-LITE
 Ewing & Parencia, J. Ec. Ent. 38:495-498, 1945.
- DUSTS - DDT & SULFUR & TALC
 Jones & Mote, Oreg. C. Inform. 374:3, 1946.
- DUSTS - DDT & TALC
 Curry, N. Mex. R. 57:31, 1947?
 Gunderson, J. Ec. Ent. 40:751, 1947.
 Tauber, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:54, 1947.
 Whitcomb, Mass. B. 436:40, 1946; 441:37, 1947.
 Whitcomb & Garland, Mass. B. 436:41, 1946.
 Wisecup & Deonier, J. Ec. Ent. 38:250-252, 1945.
- DUSTS - DDT & VELSCOL AR-60 - TESTS
 b Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1, 85 p., 1946.
- DUSTS - DDT (GEIGY 3 PERCENT)
 Morrison et al., J. Ec. Ent. 38:283, 1945.
- DUSTS - DDT (GESAROL)
 Armstrong & Ritcher, Ky. Fruit Notes 3(1) 4, 1946.
 Bird, Can. Ent. 79:10-11, 1947.
 Cartwright, S. C. R. 57:58-59, 1945.
- DUSTS - DDT (GESAROL A-3)
 i English, J. Ec. Ent. 39:531-533, 1946.
 Harman, J. Ec. Ent. 38:280-281, 1945.
 Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:12, 1945.
 Lange & Thwaites, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:15, 1945.
 Thompson, J. Ec. Ent. 38:277, 1945.
- DUSTS - DDT (GESAROL A-3) & COPPER
 Conklin, N. H. B. 367:44-45, 1946.
- DUSTS - DDT (H-3)
 Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:22, 1945.
- DUSTS - DDT (MULTICIDE)
 Bourne, Mass. B. 441:36, 1947.
- DUSTS - DDT (MULTICIDE) & PYRETH-RUM
 Bourne, Mass. B. 441:36, 1947.
- DUSTS - DDT (MULTICIDE, SPECIAL & PYRETHRUM
 Whitcomb & Garland, Mass. B. 441:39, 1947.
- DUSTS - DDT MIXTURES
 Buchanan, Wash. B. 482:63-64, 1946.
- DUSTS - DDT MIXTURES--Continued.
 Dittman, J. Ec. Ent. 39:222, 1946.
 Ewing & Parencia, J. Ec. Ent. 38:495-498, 1945.
 Gaines & Dean, J. Ec. Ent. 40:365-370, 1947.
 Gyrisko, J. Ec. Ent. 39:262-263, 1946.
 b Hamner, J. Ec. Ent. 40:574-575, 1947.
 Hill, Neb. R. 59:56-57, 1946.
 Jones & Mote, Oreg. C. Inform. 401:1, 3, 1947.
 Linsley, Cal. C. 365:19-22, 1946.
 Michelbacher et al., Cal. C. 365:7-16, 1946.
 Steiner et al., Va. Fruit 33(3) 6, 1945.
 Wilcox & Howland, USDA EPQ E-699, 8 p., 1946.
 Wilson, Wis. B. 469:34-35, 1946.
- DUSTS - DDT MIXTURES - EFFECT ON YIELD
 Annand, USDA EPQ R. f. 1945/46 7.
- DUSTS - DFA (DIPHENYLAMINE & TALC)
 Hastings & Shimkin, Science 103:639, 1946.
- DUSTS - DN-111
 Jeppson, Cal. Citrog. 32:331, 1947.
- DUSTS - DN DRY MIX
 Rings, Ohio St. Univ. Abs. Doctoral Diss. 52:258, 1947.
- DUSTS - DN DRY MIX & C-11
 Rings, Ohio St. Univ. Abs. Doctoral Diss. 52:258.
- DUSTS - DN-DUST - TOXICITY TO TURKEYS
 Walton, J. Ec. Ent. 38:714, 1945.
- DUSTS - DN-DUST D-4
 Bourne & Whitcomb, Mass. B. 428:33-34, 1945.
 Lathrop, Maine B. 449:411-412, 1947.
 Lathrop et al., Maine Ext. B. 353:6, 11, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 711:12, 32, 72, 85, 1947.
 Plummer, East. Fruit Grow. 9(6):6, 1946.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:22, 108, 1945.
- DUSTS - DN-DUST 5
 Tate & Hill, Neb. Ext. C. 1529:4, 1945.
- DUSTS - DN-DUST D-8
 Jeppson, Cal. Citrog. 32:331, 1947.
- DUSTS - DN-DUST 269
 Haviland, J. Ec. Ent. 40:420-421, 1947.
 Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 32:142, 1947.
- DUSTS - DEPOSITS - LEAD ARSENATE & SULFUR
 i Lathrop et al., Maine B. 449:406-411, 432, 1947.
- DUSTS - DERRIS
 Baker & Perron, Ent. Soc. Ont. R. 75:27-29, 1945.
 Beckwith, USDA FB 1951 rev.:34, 1946.
 Bishopp, USDA Leaf. 152 rev.:2, 4, 1946.
 Bourne, Mass. B. 436:39, 1946.
 Cutter, Pests 13(1):12, 1945.
 b Matthyse, N. Y. (C.) B. 832:37-38, 60, 1946.

- DUSTS - DERRIS--Continued.
Neely, Amer. Potato J. 23:136, 1946.
Plank & Winters, P. R. (Mayagüez) R. f. 1945:29, 1946.
Smith, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:40-41, 1947.
Smith & Gouck, J. Ec. Ent. 40:790-792, 1947.
Smith et al., USDA TB 905:58, 1946.
Thomas, J. Ec. Ent. 38:678-682, 1945.
Turner, Conn. B. 488:349-351, 495, 28-31, 1945.
- DUSTS - DERRIS - ADJUVANTS
b Turner, J. Ec. Ent. 39:150-155, 1946.
- DUSTS - DERRIS, see also DUSTS - CUBE & DERRIS
- DUSTS - DERRIS & DIATOMACEOUS EARTH
b Matthyse, N. Y. (C.) B. 832:38, 66, 1946.
- DUSTS - DERRIS & FUNGICIDES & TALC
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:82-86, 1947.
- DUSTS - DERRIS & ROTENONE & PYROPHYLITE
Turner, J. Ec. Ent. 38:360-363, 1945.
- DUSTS - DERRIS & SULFUR
b Matthyse, N. Y. (C.) B. 832:38, 62, 1946.
- DUSTS - DERRIS & TALC
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:82, 1947.
- DUSTS - DERRIS & WETTING AGENT (ULTRAWET)
Bourne, Mass. B. 428:38, 1945.
- DUSTS - DIATOMACEOUS EARTH
Matthyse, N. Y. (C.) B. 832:37, 61, 1946.
- DUSTS - DICHLORICIDE
Cormany, Amer. Soc. Sugar Beet Technol. P. 4:327-329, 1947.
- DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE
Drake et al., Iowa R. f. 1946/47 pt. 1. 200-201.
Essig, Food Packer 28(12):62, 1947.
Frazier & Stafford, J. Ec. Ent. 40:492, 1947.
Huckett, N. Y. (G.) R. 65:20, 1947.
Michelbacher et al., Agr. Chem. 2(3): 22-23, 53-54, 68, 1947.
Morrison et al., Oreg. C. Inform. 393: 4, 1946.
Pepper & Wilson, J. Ec. Ent. 40:731-732, 1947.
Pepper et al., J. Ec. Ent. 40:728-730, 1947.
Trullinger et al., USDA OES R. f. 1945/46:105, 111, 1947.
Turner, Conn. B. 512:68-69, 1946.
- DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE & COPPER MIXTURES
Stitt, Amer. Potato J. 24:116-122, 1947.
- DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE & 3,4-DICHLOROBENZINESULFONE P-NITROANILIDE
Granovsky, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:55, 1947.
- DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE & FUNGICIDES
Muncie & Morofsky, Mich. TB 204.4, 18-20, 1947.
- DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE & SULFUR
Michelbacher et al., Agr. Chem. 2(3): 22, 1947.
- DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE (Z-39)
Schroeder & Hervey, N. Y. (G.) R. 65, 44-45, 1947.
- DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE MIXTURES
Buchanan, Wash. B. 482:63-64, 1946.
Lange & Smith, J. Ec. Ent. 40:498-499, 1947.
- DUSTS - 3,4-DICHLOROBENZINESULFONE P-NITROANILIDE
Rawlins et al., N. Y. (C.) R. 58:120, 1946.
- DUSTS - 3,4-DICHLOROBENZINESULFONE P-NITROANILIDE, see also DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE & 3,4-DICHLOROBENZINESULFONE P-NITROANILIDE
- DUSTS - DILUENTS, see DUST ADJUVANTS - DILUENTS
- DUSTS - DINITRO COMPOUNDS
Gates, Neb. Acad. Sci. P. 55:7, 1945. (Abs.)
Hills & Kennedy, USDA EPQ E-648 6-10, 14-19, 1945.
Newcomb, Cal. Citrog. 32:210-212, 1947.
Tate, Neb. St. Bd. Agr. R. f. 1945:434.
Underhill, Va. TB 101:10-11, 20-21, 1946.
- DUSTS - DINITRO COMPOUNDS, see also DUSTS - DN-111; DUSTS - DN DRY MIX; DUSTS - DN DUST, DUSTS - DN DUST D-4; DUSTS - DN DUST 5; DUSTS - DN DUST D-8; DUSTS - DN DUST 269; DUSTS - DINITRO CHINCH BUG DUST; DUSTS - DINITRO-O-SEC-BUTYLPHENOL; DUSTS - DINITRO-O-CRESOL; DUSTS - DINITRO-O-CYCLOHEXYLPHENOL; DUSTS - DINITROANISOLE; DUSTS - DINITROPHENETOLE; DUSTS - DINITROPHENOL
- DUSTS - DINITRO COMPOUNDS - TOXICITY TO BEES
Eckert, Cal. C. 365:23, 1946.
- DUSTS - DINITRO COMPOUNDS & COPPER
Munro & Redman, N. Dak. Bimo. B. 7(4):11, 1945.
- DUSTS - DINITRO COMPOUNDS & SULFUR
b Bird, Can. Ent. 79:10, 1947.
- DUSTS - DINITRO-O-CRESOL
Annand, USDA EPQ R. f. 1944/45:20.
Graham, B. C. Lumberm. 29(4):120, 1945.
Jardine et al., USDA OES R. f. 1944/45:51, 1946.

- DUSTS - DINITRO-O-CRESOL--Continued.
Tate & Gates, Neb. R. 59:57-58, 1946.
- DUSTS - DINITRO-O-CRESOL & FRIANITE
Stevenson, J. Ec. Ent. 38:533, 1945.
- DUSTS - DINITRO-O-CRESOL & PYROPHYLITE
Smith & Gouck, J. Ec. Ent. 40:790,793, 1947.
- DUSTS - DINITRO-O-CRESOL & SULFUR
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:305-306, 1947.
- DUSTS - DINITRO-O-CRESOL, AMMONIUM SALT
Tate & Gates, Neb. R. 59:57-58, 1946.
- DUSTS - DINITRO-O-CYCLOHEXYL-PHENOL
Brannon, J. Ec. Ent. 38:400, 1945.
Fisher & Allen, J. Ec. Ent. 38:392, 1945.
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:303, 1947.
Jacob et al., Cal. Ext. C. 116 rev.:70, 1947.
Kulash, N. C. Res. & Farm. (Prog. R. 2)3:10, 1945.
Tate & Gates, Neb. R. 59:57-58, 1946.
Witman, Amer. Fruit Grow. 67(8):30, 1947.
- DUSTS - DINITRO-O-CYCLOHEXYL-PHENOL & SULFUR
Burr, Neb. R. 59:64, 1946.
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:303, 1947.
Jardine et al., USDA OES R. f. 1944. 47, 1945.
Kulash, N. C. Res. & Farm. (Prog. R. 2)3:10, 1945.
White, USDA EPQ E-642:4, 1945.
- DUSTS - DINITRO-O-SEC-BUTYL-PHENOL
Annand, USDA EPQ R. f. 1944/45:20.
Gates, Neb. R. 59:63, 1946.
- DUSTS - DINITROANISOLE
b Gould, Soap & Sanit. Chem. 21:114, 121, 1945.
- DUSTS - DINITROANISOLE & PYRETHRUM MARC
Gould, Soap & Sanit. Chem. 21:115,121, 1945.
- DUSTS - DINITROANISOLE & PYRETHRUM MARC & BORIC ACID
Gould, Soap & Sanit. Chem. 21:115,121, 1945.
- DUSTS - DIPHENYLAMINE, see also
DUSTS - DFA (DIPHENYLAMINE & TALC); DUSTS - LIME & DIPHENYLAMINE
- DUSTS - DIPHENYLAMINE & GYPSUM
Carlson et al., Wash. B. 470:146, 1945.
Carlson et al., J. Ec. Ent. 40:61-63, 1947.
- DUSTS - DISODIUM ETHYLENE BIS (DITHIOCARBAMATE), see
DUSTS - NABAM
- DUSTS - DITHANE, see DUSTS - NABAM (DITHANE)
- DUSTS - DITHIOCYANATE
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:306-308, 1947.
- DUSTS - DITHIOCYANATE, see also
DUSTS - SULFUR & DITHIOCYANATE
- DUSTS - BETA BETA - DITHIOCYANO DIETHYL ETHER, see DUSTS - BIS (2-THIOCYANOETHYL) ETHER
- DUSTS - DOSAGES
Annand, USDA EPQ R. f. 1943/44. 15-16.
Pratt et al., N. Y. (C.) Ext. B. 696:36, 1946.
- DUSTS - DOSAGES PER AREA
b Turner, J. Ec. Ent. 38:359-364, 1945.
- DUSTS - DOW K-1875, see DUSTS - SULFUR & BIS (P-CHLOROPHENOXY)METHANE (DOW K-1875)
- DUSTS - DRIFT
bi Brooks, Agr. Engin. 28 233-239, 244, 1947.
i Michelbacher et al., Agr. Chem. 2 (3):21-23,52-54,68, 1947.
- DUSTS - DUTOX, see DUSTS - SULFUR & BARIUM FLUOSILICATE (DUTOX)
- DUSTS - EFFECT ON APHID POPULATIONS
b Hervey, J. Ec. Ent. 39:265, 1946.
Isely, Ark. B. 462:17-27, 1946.
- DUSTS - EFFECT ON PLANTS
Decker et al., J. Ec. Ent. 40:399, 1947.
- DUSTS - EFFECT ON SEED GERMINATION
Cotton & Frankenfeld, USDA EPQ E-677.10-12, 1945.
- DUSTS - ELECTROSTATIC CHARGE
Turner, J. Ec. Ent. 38:361-364, 1945.
i Wilson & Jackson, Agr. Chem. 1(6): 32-33,35,49-50,61-62, 1946.
- DUSTS - FLUORIDES, see DUSTS - FLUORINE COMPOUNDS
- DUSTS - FLUORINE COMPOUNDS
b Matthyse, N. Y. (C.) B. 832:37,65, 1946.
- DUSTS - FLUORINE COMPOUNDS, see also DUSTS - BARIUM FLUOSILICATE; DUSTS - CRYOLITE; DUSTS - FLUOSILICATES, DUSTS - POTASSIUM FLUOSILICATE; DUSTS - POTASSIUM HEXAFLUOALUMINATE; DUSTS - SODIUM FLUORIDE; DUSTS - SODIUM FLUOSILICATE
- DUSTS - FLUOSILICATES
Matthyse, N. Y. (C.) B. 832:37, 1946
- DUSTS - FLUOSILICATES, see also
DUSTS - POTASSIUM FLUOSILICATE
- DUSTS - GESAROL, see DUSTS - DDT (GESAROL)
- DUSTS - HE-761, see DUSTS - 3,4-DICHLOROBENZINE-SULFONE p-NITROANILIDE
- DUSTS - HETP, see DUSTS - HEXAETHYL TETRAPHOSPHATE
- DUSTS - HELLEBORE, see DUSTS - SULFUR & HELLEBORE

DUSTS - HEXACHLOROCYCLOHEXANE, see DUSTS - BENZENE HEXA-CHLORIDE

DUSTS - HEXAETHYL TETRAPHOSPHATE
Buchanan, Wash. B. 482:76, 1946.
Ivy & Ewing, Assoc. South. Agr. Workers P. 44:128, 1947. (Abs.)
Ivy & Ewing, J. Ec. Ent. 40:569, 1947.
Magie & Kelsheimer, Fla. R. f. 1946/47:130.

DUSTS - HYDROCHLORIDES, see DUSTS - VERATRINE HYDROCHLORIDES

DUSTS - HYDROXYPENTAMETHYL-FLAVAN
Turner, Conn. B. 512:68-69, 1946.

DUSTS - HYDROXYPENTAMETHYL-FLAVAN, see also DUSTS - DDT & HYDROXYPENTAMETHYL-FLAVAN

DUSTS - INERT
Cotton, USDA YB f. 1943/47:875.
Cotton & Frankenfeld, Down to Earth 3(1):9-11, 1947.
b Hsing, J. Ec. Ent. 40:883, 1947.
Kulash, N. C. Res. & Farm. (Prog. R. 1):6:15, 1947.
Smallman, Wallerstein Lab. Commun. 8:167, 1945.

DUSTS - ISOBORNYL THIOCYANOACETATE & SULFUR
Matthysse, N. Y. (C.) B. 832:47,49,53-54,59-61, 1946.

DUSTS - KRYOCIDE, see DUSTS - CRYOLITE (KRYOCIDE)

DUSTS - LEAD ARSENATE
Dunavan, S. C. R. 58:63-64, 1946.
Hamilton, N. Y. St. Hort. Soc. P. 91:200-205, 1946.
Ivy, et al., J. Ec. Ent. 38:534-536, 1945.
King, Ga. Coastal Plain B. 44:43-44, 1947.
King, Tex. Ext. B. 154:12, 1947.
Martin, N. J. R. 66:53, 1946.
Pepper & Wilson, J. Ec. Ent. 40:731-732, 1947.
Questel, USDA EPQ E-671:1,3-4, 1945.

DUSTS - LEAD ARSENATE, see also DUSTS - DDT & LEAD ARSENATE & SULFUR; DUSTS - DEPOSITS - LEAD ARSENATE & SULFUR; DUSTS - SULFUR & LEAD ARSENATE

DUSTS - LEAD ARSENATE - EFFECT ON YIELD
Gaines, J. Ec. Ent. 40:434-435, 1947.

DUSTS - LEAD ARSENATE - TOXICITY - EFFECT OF CRYOLITE
Marcovitch & Stanley, Tenn. R. 59:95, 1947.

DUSTS - LEAD ARSENATE - TOXICITY TO INSECTS - BEES
Eckert, Cal. C. 365:23, 1946.

DUSTS - LEAD ARSENATE & BORDEAUX MIXTURE
Baker & Perron, Ent. Soc. Ont. R. 75:26-29, 1945.

DUSTS - LEAD ARSENATE & CALCIUM ARSENATE
Dugas, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:94-97, 1945.

DUSTS - LEAD ARSENATE & CALCIUM ARSENATE & COPPER
Smith et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:90-91, 1945.

DUSTS - LEAD ARSENATE & COPPER - EFFECT ON YIELD
Gaines, J. Ec. Ent. 40:434-435, 1947.

DUSTS - LEAD ARSENATE & FLOUR
Vorhies & Wehrle, Ariz. B. 203:28, 1946.

DUSTS - LEAD ARSENATE & LIME
Baerg & Lincoln, Ark. Ext. C. 448.4, 1947.
Hanna, Cal. Ext. C. 91 rev.:20, 1947.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:2, 1945.
Snapp, Ind. Hort. Soc. Trans. 86:104, 1947.
Snapp, Tenn. St. Hort. Soc. 41:31, 1947.
Vorhies & Wehrle, Ariz. B. 203:39,49, 1946.
Oreg. C. Inform. 407:2-4, 1947.

DUSTS - LEAD ARSENATE & LIME & SULFUR
b Marcovitch & Stanley, Tenn. B. 195:13, 1945.

DUSTS - LEAD ARSENATE & LIME & SULFUR & OIL
Powell & Chandler, Ill. St. Hort. Soc. Trans. 79:373, 1946.

DUSTS - LEAD ARSENATE & NICOTINE & OIL
Dewey, N. Y. St. Hort. Soc. P. 90:51-53, 1945.

DUSTS - LEAD ARSENATE & NICOTINE & SULFUR
Harman, N. Y. (G.) Farm Res. 11(3):10,12, 1945.

DUSTS - LEAD ARSENATE & NICOTINE BENTONITE & SULFUR
Evans et al., N. Y. (C.) R. 57:121-122, 1945.

DUSTS - LEAD ARSENATE & NICOTINE SULFATE & LIME
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:19, 1947.

DUSTS - LEAD ARSENATE & PARIS GREEN
Garner, Prod. of Tob.:289-290, 1946.

DUSTS - LEAD ARSENATE & SULFUR
Ebeling, Cal. Ext. C. 43 rev.:48, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:150.
Harman, N. Y. (G.) Farm Res. 11(3):10,12, 1945.

Lathrop et al., Maine Ext. B. 353:809, 1947.

Smith & Lange, Cal. C. 365:52-54, 1946.

Thomas, J. Ec. Ent. 38:678-682, 1945.
Oreg. C. Inform. 407:2-4, 1947.

DUSTS - LEAD ARSENATE & SULFUR & OLEIC ACID
Lathrop & Plummer, Maine B. 442:276, 1946.

DUSTS - LEAD ARSENATE & TALC
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:19,22, 1947.

DUSTS - LEAD ARSENATE & ZINC - EFFECT ON YIELD
Gaines, J. Ec. Ent. 40:435, 1947.

- DUSTS - LEAD ARSENATE & ZINC SULFATE (BASIC) & SULFUR
Dorman, Miss. R. 58:24, 1946? 59:27, 1947?
- DUSTS - LEAD ARSENATE (BASIC)
Cartwright, S. C. R. 57:59, 1945.
- DUSTS - LEAD ARSENATE MIXTURES
Thompson, Ont. Dept. Agr. B. 355 rev. 29, 1947.
- DUSTS - LETHANE
Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46 25.
- DUSTS - LETHANE & TALC
Riedl & Harrison, Wyo. B. 271 18-19, 23, 1945.
- DUSTS - LETHANE-60
Morrison et al., Oreg. C. Inform. 393:4, 1946.
- DUSTS - LETHANE-60, see also DUSTS - CRYOLITE & LETHANE-60
- DUSTS - LETHANE-60 & SULFUR
Matthysse, N. Y. (C.) B. 832 47,49, 53-54,59-61, 1946.
- DUSTS - LETHANE A-70
Alicata et al., Poult. Sci. 25 377-380, 1946.
Alicata et al., Hawaii R. f. 1944/46 98-99, 1947.
Gould, Soap & Sanit. Chem. 21 114, 1945.
- DUSTS - LETHANE A-70, see also
DUSTS - DDT & LETHANE A-70,
DUSTS - SULFUR & LETHANE A-70
- DUSTS - LETHANE A-70 & NICOTINE
Matthysse, N. Y. (C.) B. 832 54-55, 61, 1946.
- DUSTS - LETHANE A-70 & SULFUR
Matthysse, N. Y. (C.) B. 832:47,50,54, 61, 1946.
- DUSTS - LETHANE B-71
Brett et al., Okla. TB-24.24-28, 1946.
Curry, N. Mex. R. 56:46-48, 1946?
Fisher & Allen, J. Ec. Ent. 38:392, 1945.
Fletcher et al., J. Ec. Ent. 40:594-596, 1947.
Gyrisko, J. Ec. Ent. 39:262-263, 1946.
Underhill, Va. TB 101.7-9,18-19,21, 1946.
- DUSTS - LETHANE B-71, see also
DUSTS - SULFUR & LETHANE B-71
- DUSTS - LETHANE B-72
Morrison et al., Oreg. C. Inform. 393:4, 1946.
Fletcher et al., J. Ec. Ent. 40:594-596, 1947.
- DUSTS - LIME
Conner & Kulash, N. C. Ext. C. 299:4, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:14-15, 1945.
Konkright & Lange, Cal. C. 365:33-34, 1946.
Mundinger, J. Ec. Ent. 39:301-305, 1946.
Nettles et al., S. C. Ext. B. 109:26-27, 1947.
- b Plank, J. Ec. Ent. 39:316-319, 1946.
Plank, P. R. (Mayaguez) R. f. 1945:37-38, 1946.
- DUSTS - LIME--Continued.
Price, Ky. Ext. C. 437:6, 1947.
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:6, Burley & Dark Fire-Cured Tob.:4, 1947.
- DUSTS - LIME, see also DUSTS - LEAD ARSENATE & LIME; DUSTS - LEAD ARSENATE & NICOTINE SULFATE & LIME, DUSTS - NICOTINE & LIME; DUSTS - NICOTINE SULFATE & LIME, DUSTS - PARIS GREEN & LIME; DUSTS - SULFUR & LIME, DUSTS - ZINC NICOTINYL FLUOSILICATE & COPPER SULFATE (TRIBASIC) & LIME
- DUSTS - LIME & COPPER
Munro & Redman, N. Dak. Bimo. B. 7(4) 11, 1945.
- DUSTS - LIME & DIPHENYLAMINE
Buchanan, Wash. B. 482.75, 1946.
- DUSTS - LIME & NICOTINE
Buchanan, Wash. B. 482:76, 1946.
Lincoln, Ark. Ext. Leaf. 52 rev.:8, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711.11,38, 1947.
- DUSTS - LIME & NICOTINE & COPPER & CRYOLITE
Dutsch et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19 92-93,1945.
- DUSTS - LIME & NICOTINE & PYROPHYLLITE
Jardine et al., USDA OES R. f. 1944:54, 1945.
- DUSTS - LIME & NICOTINE & TALC
Matthysse, N. Y. (C.) B. 832 47-48, 1946.
- DUSTS - LIME & NICOTINE SULFATE
Dean & Chapman, N. Y. (G.) B. 716.35-36,40, 1946.
Decker et al., Ill. Ext. C. 590:15, 1945.
Morrison et al., Oreg. C. Inform. 393.3, 1946.
Muma, Neb. Ext. C. 1537:12, 1946.
Wolfenbarger, Fla. R. f. 1946/47.249.
Wolfenbarger, Fla. Ent. 29:42,44, 1947.
- DUSTS - LIME & NICOTINE SULFATE & SODIUM CARBONATE
Vorhies & Wehrle, Ariz. B. 203:12, 1946.
- DUSTS - LIME & NICOTINE SULFATE & SULFUR
Morrison et al., Oreg. C. Inform. 393.3, 1946.
- DUSTS - LIME & PARIS GREEN
Price, Ky. Ext. C. 437:5, 1947.
Stiles, Okla. Ext. C. 430:11, 1946.
- DUSTS - LIME & PHENOTHIAZINE
Plank, P. R. (Mayaguez) R. f. 1945:37-38, 1946.
- DUSTS - LIME & PHENOXATHIIN & BENTONITE
Plank, P. R. (Mayaguez) R. f. 1945:37-38, 1946.
- DUSTS - LIME & SABADILLA
b Allen & Brunn, J. Ec. Ent. 38:291-293, 1945.
Anderson, J. Ec. Ent. 38:565-566, 1945.

- DUSTS - LIME & SABADILLA**--Continued.
 Clark & Hoveland, Wis. B. 466:58, 1945.
 Trullinger et al., USDA OES R. f. 1945/46:105-106, 1947.
 Whitcomb, Mass. B. 441:37, 1947.
 Whitcomb & Garland, Mass. B. 436:41, 1946.
- DUSTS - LIME & SABADILLA & PYRAX**
 Allen et al., J. Ec. Ent. 38:389-390, 1945.
 Walton, J. Ec. Ent. 39:273, 1946.
- DUSTS - LIME & SULFUR & OIL**
 Powell & Chandler, Ill. St. Hort. Soc. Trans. 79:373, 1946.
- DUSTS - LIME-SULFUR & SULFUR**
 Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:305-306, 1947.
- DUSTS - MYL**
 Eddy & Carson, J. Ec. Ent. 39:761-762, 1946.
 Gould, Soap & Sanit. Chem. 21:114, 1945.
 Haller, Indus. & Engin. Chem. Indus. Ed. 39:470-471, 1947.
 Knippling, USDA YB f. 1943/47:639.
 Riehl, Pest Control & Sanit. 1(7):28-29, 1946.
 Simmons, Adv. Int. Med. 2:240,249, 1947.
 Soper et al., Reunion Interamer. del Tifo Pub. Ofic. 1:442-446, 1947.
 Stage & Knippling, Reunion Interamer. del Tifo Pub. Ofic. 1:277,282,284, 1947.
 Strode, Rockefeller Found. Internat. Health Div. R. f. 1945:85.
 USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:53,57, 1946.
- DUSTS - MYL - ANALYSIS**
 U. S. Army Med. Dept. Bul. 4:411, 1945
- DUSTS - MAGNESIUM OXIDE**
 Annand, USDA EPQ R. f. 1943/44:11-12; f. 1944/45:20; f. 1946/47:9.
 Cotton & Frankenfeld, Seed World 58 (9):22,24, 1945.
 Cotton & Frankenfeld, USDA EPQ E-677:10-11, 1945.
 Cotton & Frankenfeld, Grain & Feed Jours. Consol. 46:33, 1946.
 Dunavan, S. C. R. 59:68, 1947.
 Gray, Can. Food Packer 17(12):31, 1946.
 Smallman, Can. Grain. J. 1(7):10, 1946.
- DUSTS - MAGNESIUM OXIDE, see also DUSTS - DDT & MAGNESIUM OXIDE**
DUSTS - MAGNESIUM OXIDE & SULFUR
 Hills & Kennedy, USDA EPQ E-648:4-6,19, 1945.
- DUSTS - MERCUROUS CHLORIDE**
 Menusan, Pa. Veg. Grow. News 15(2):45, 1945.
 Nissley, N. J. St. Hort. Soc. Hort. News 27:1821, 1946.
- DUSTS - MERCUROUS CHLORIDE & GYPSUM**
 Buchanan, Wash. B. 482:75, 1946.
 Carlson et al., Wash. B. 470:146-147, 1945.
- DUSTS - MERCUROUS CHLORIDE & GYPSUM**--Continued.
 Carlson et al., J. Ec. Ent. 40:61-63, 1947.
- DUSTS - MERCUROUS CHLORIDE & TALC**
 Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 52:4-5, 1946.
- DUSTS - METHYLNAPHTHALENE MIXTURES - TOXICITY TO INSECTS**
 Sun & Hansberry, J. Ec. Ent. 40:526-529, 1947.
- DUSTS - METHOXYCHLOR**
 Brannon, J. Ec. Ent. 40:103-106, 1947.
 Carruth & Hervey, J. Ec. Ent. 40:717-721, 1947.
 Drake et al., Iowa R. f. 1946/47 pt. 1:201.
 Ingram et al., J. Ec. Ent. 40:779-780, 1947.
 Kelsheimer, Fla. R. f. 1946/47:118, 123,126-127.
 Manis & Shull, Ida. B. 269:33, 1947.
 Morrison et al., Oreg. C. Inform. 393.4, 1946.
 Pepper & Wilson, J. Ec. Ent. 40:731-732, 1947.
 Turner, Conn. B. 512:68-69, 1946.
 Weihing & Hoerner, Amer. Soc. Agron. J. 39:347-348, 1947.
- DUSTS - METHOXYCHLOR & COPPER MIXTURES**
 Stitt, Amer. Potato J. 24 116-122, 1947.
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:84-86, 1947.
- DUSTS - METHOXYCHLOR & PYRAPHYLLITE**
 Lange & Smith, J. Ec. Ent. 40:498-499, 1947.
- DUSTS - METHOXYCHLOR MIXTURES**
 Buchanan, Wash. B. 482:63-64, 1946.
- DUSTS - MICROGEL & TALC - TESTS**
 Campbell & Filmer, Hints to Potato Grow. 26(10):3-4, 1946.
- DUSTS - MINERAL**
 Smallman, Northw. Mill. Mill. Prod. Sect. 221(2):3a,9a, 1945.
- DUSTS - MIXING**
 U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:183-184, 1947.
- DUSTS - N-H DUST, see DUSTS - PYRETHRUM MARC MIXTURES (N-H DUST)**
- DUSTS - NABAM (DITHANE)**
 Munro & Redman, N. Dak. Blmo. B. 7(4):11, 1945.
- DUSTS - NABAM (DITHANE) & SULFUR & TALC**
 Curry, N. Mex. R. 57:31, 1947?
- DUSTS - NAPHTHALENE (CRUDE)**
 Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 52:4-5, 1946.
- DUSTS - NEW - TESTS**
 Hills & McKinney, USDA EPQ E-648, 19 p., 1945.
- DUSTS - NICOTINE**
 Annand, USDA EPQ R. f. 1944/45:20.

DUSTS - NICOTINE--Continued.

- Barber & Dutsch, La. R. f. 1944/45: 63, 1946.
 Bare, Neb. Ext. C. 1545:3, 1946.
 Campbell, West. Grow. & Shp. 16(6): 14, 1945.
 Carlson et al., Wash. B. 470:147-148, 1945.
 Clark & Hoveland, Wis. B. 472.14-15, 1947.
 Cockerham et al., La. R. f. 1945/46: 113, 1947.
 Dutsch et al., La. R. f. 1944/45:60-61, 1946.
 Hervey, N. Y. (G.) R. 65:19, 1947.
 Holdaway et al., Hawaii R. f. 1942/44: 64-65, 1945.
 Howard et al., USDA Misc. Pub. 526 rev.:25, 1945.
 Isely, Ark. B. 462:18-19,27, 1946.
 Ivy et al., Assoc. South. Agr. Workers P. 44:127, 1947. (Abs.)
 Jardine et al., USDA OES R. f. 1943/44. 54, 1945.
 Lecrone, Okla. Ext. C. 108 rev.:9, 1946.
 Leiby & Barrus, N. Y. (C.) Ext. B 435 rev.:9, 1945.
 Lyle, Miss. Farm Res. 8(5) 7-8, 1945.
 b Matthyse, N. Y. (C.) B. 832:38,54-55,61,64, 1946.
 Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:21.
 Smith, Cal. Ext. C. 46 rev.:40, 1947.
 Stiles & Fenton, Okla. C. 126 3, 1947.
 Stiles & Hixson, Okla. Ext. C. 414 3, 1945.
 Tissot, Fla. R. f. 1946/47:70.
 Trullinger et al., USDA OES R. f. 1945/46 111, 1947.
 Westbrook, Ga. Ext. B. 523:44, 1945.
 Wildon et al., Mich. Ext. B. 271:48, 1945.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 8, 1947.
 DUSTS - NICOTINE, *see also* DUSTS - CRYOLITE & NICOTINE; DUSTS - DDT & NICOTINE; DUSTS - DDT & NICOTINE & COPPER; DUSTS - LEAD ARSENATE & NICOTINE; DUSTS - LETHANE A-70 & NICOTINE; DUSTS - LIME & NICOTINE; DUSTS - ROTENONE & NICOTINE; DUSTS - SULFUR & LEAD ARSENATE & NICOTINE
 DUSTS - NICOTINE - TESTS
 Middlekauff, J. Ec. Ent. 40:443, 1947.
 Smith & Becnel, J. Ec. Ent. 40:536-539, 1947.
 Underhill, Va. TB 101:9-10,21, 1946.
 DUSTS - NICOTINE & COPPER & CRYOLITE
 Dutsch et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:92-93, 1945.
 DUSTS - NICOTINE & CRYOLITE
 Bissell & Dupree, Assoc. South. Agr. Workers P. 44:122, 1947. (Abs.)
 Holdaway et al., Hawaii R. f. 1942/44: 65, 1945.
 Stuckey, Ga. R. 59:86, 1947.
 DUSTS - NICOTINE & LIME
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:21-22,37,46-47,85-86, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:37, 1946.
 Mich. Ext. Folder F-84.5, 1945.
 DUSTS - NICOTINE & ROTENONE
 Barber & Dutsch, La. R. f. 1944/45: 63, 1946.
 DUSTS - NICOTINE & SULFUR
 b Matthyse, N. Y. (C.) B. 832.37-38, 61,65, 1946.
 Munro, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.36, 1947.
 DUSTS - NICOTINE & TOBACCO DUST
 Osorio, Control de Plagas 8 155, 1946.
 DUSTS - NICOTINE & TOBACCO DUST & SULFUR
 Matthyse, N. Y. (C.) B. 832.47-48, 59-60, 1946.
 DUSTS - NICOTINE (BLACK LEAF DRY CONCENTRATE)
 Floyd, La. R. f. 1945/46.55, 1947.
 DUSTS - NICOTINE (DUAL-FIXED)
 Turner, Conn. B. 495.27-30, 1945.
 DUSTS - NICOTINE (DUAL-FIXED) - SUBSTITUTES
 Carruth, N. Y. (G.) R. 63 26-27, 1945.
 DUSTS - NICOTINE (FIXED)
 Bourne, Mass. B. 441 35, 1947.
 DUSTS - NICOTINE (FREE)
 Lange, Cal. C. 365.55, 1946.
 DUSTS - NICOTINE MIXTURES
 Fulton, N. C. TB 85 13-15,17, 1947.
 Gaines et al., Assoc. South. Agr. Workers P. 44.126-127, 1947. (Abs.)
 DUSTS - NICOTINE BENTONITE
 Alicata et al., Hawaii R. f. 1944/46 98, 1947.
 Carruth, N. Y. (G.) R. 63:26-27, 1945.
 Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30:43, 1945.
 Turner, Conn. B. 488.355, 1945, 495. 27-31, 1945.
 DUSTS - NICOTINE BENTONITE, *see also* DUSTS - DDT & NICOTINE BENTONITE, DUSTS - LEAD ARSENATE & NICOTINE BENTONITE
 DUSTS - NICOTINE BENTONITE & PYROPHYLLITE
 Alicata et al., Poult. Sci. 25:377-379, 1946.
 DUSTS - NICOTINE BENTONITE & ROTENONE
 Carruth, N. Y. (Gen.) R. 63:27, 1945.
 DUSTS - NICOTINE BENTONITE & SULFUR
 Matthyse, N. Y. (C.) B. 832:47-48, 56, 1946.
 DUSTS - NICOTINE SULFATE
 Alicata et al., Poult. Sci. 25:377-379, 1946.
 Alicata et al., Hawaii R. f. 1944/46: 98, 1947.
 Caryl & Johnston, Cal. Ext. C. 114 rev.:44-45, 1946.
 King, Tex. Ext. B. 154:16, 1947.
 b Matthyse, N. Y. (C.) B. 832.38,65, 1946.
 Mayer et al., USDA EPQ E-720, 11 p., 1947.

- DUSTS - NICOTINE SULFATE, see also
DUSTS - LEAD ARSENATE & NICOTINE SULFATE; DUSTS - LIME & NICOTINE SULFATE
- DUSTS - NICOTINE SULFATE & LIME
Fulton, N. C. TB 85:15,17, 1947.
Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 71:4, 1947.
Haseman, Mo. B. 391 ed. 2:5, 1946.
Manson, Can. Dept. Agr. Div. Ent. Processed Pub. 35:2-3, 1945.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198,2, 1945.
Pepper, Pa. Ext. C. 287:11, 1946.
Wilkinson, Conn. Veg. Grow. Assoc. P. 34:25, 1946.
- DUSTS - NICOTINE SULFATE & OIL
Plank & Winters, P. R. (Mayaguez) R. f. 1945:29, 1946.
- DUSTS - NICOTINE SULFATE MIXTURES
Pletsch, Mont. B. 446:69-71, 1947.
- DUSTS - O-NITRODIPHENYL
Hill, Neb. Res. B. 138:9-11, 1945.
- DUSTS - OIL
Chandler et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:50-51, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:26, 1945.
Powell et al., Ill. Ext. C. 568 rev.40, 1946.
- DUSTS - OIL, see also DUSTS - CUBE & OIL; DUSTS - DDT & OIL; DUSTS - DDT & ROTENONE & OIL; DUSTS - DDT & SULFUR & OIL; DUSTS - LEAD ARSENATE & LIME & SULFUR & OIL; DUSTS - LEAD ARSENATE & NICOTINE & OIL; DUSTS - LIME & SULFUR & OIL; DUSTS - NICOTINE SULFATE & OIL; DUSTS - ROTENONE & OIL; DUSTS - SULFUR & BENTONITE & OIL; DUSTS - SULFUR & OIL
- DUSTS - OLEIC ACID, see DUSTS - LEAD ARSENATE & SULFUR & OLEIC ACID
- DUSTS - ORGANIC COMPOUNDS
Hills & Kennedy, USDA EPQ E-648:2-4, 1945.
b Turner, Conn. B. 512:68-69, 1946.
- DUSTS - ORGANIC COMPOUNDS (SYNTHETIC)
Dudley et al., USDA EPQ E-651,10 p., 1945.
- DUSTS - OXIDES
Gardiner, Can. Min. Agr. R. f. 1945/46:17.
- DUSTS - PCH, see DUSTS - PYRETHRUM & PIPERONYL CYCLONENE (PCH)
- DUSTS - PARATHION
Apple, Ill. Veg. Grow. B. 7(2):5, 1947.
Creighton & Gresham, J. Ec. Ent. 40: 915-917, 1947.
Rainwater, J. Ec. Ent. 40:924-925, 1947.
- DUSTS - PARATHION, see also DUSTS - DDT & PARATHION
- DUSTS - PARATHION (THIOPHOS 3422)
Arant, Southeast. Cotton Ins. Control Conf. R. P. 1:23-24, 1947.
Creighton & Gresham, Fla. Grow. 55 (9a):12-13, 1947.
Stiles & Fenton, Okla. C. 126:3, 1947.
- DUSTS - PARIS GREEN
Cartwright, S. C. R. 57:58-59, 1945.
Garner, Prod. of Tob. 283-284,289, 295, 1946.
Russell, Amer. J. Trop. Med. 26:10, 1946.
Stiles, Okla. Ext. C. 223 rev.:21-22, 1946?
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Cigar Tob.:1, 1947.
- DUSTS - PARIS GREEN, see also
DUSTS - LEAD ARSENATE & PARIS GREEN; DUSTS - LIME & PARIS GREEN; DUSTS - SULFUR & PARIS GREEN
- DUSTS - PARIS GREEN & LIME
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Cigar Tob.:5; Burley & Dark Fire-Cured Tob.:3, 1947.
- DUSTS - PARIS GREEN & SULFUR
Annand, USDA EPQ R. f. 1945/46:7.
Brett et al., Okla. TB-24:23-25, 1946.
b Cassidy et al., J. Ec. Ent. 38:50-51, 1945.
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:303, 1947.
Stevenson, J. Ec. Ent. 38:532-533, 1945.
- DUSTS - PARIS GREEN & SULFUR - EFFECT ON YIELD
Annand, USDA EPQ R. f. 1945/46:7.
- DUSTS - PARTICLE SIZE
Annand, USDA EPQ R. f. 1943/44:26.
Brooks, Agr. Engin. 28:234-236, 1947.
Carruth, N. Y. (G.) R. 65:21, 1947.
Frazier & Stafford, J. Ec. Ent. 40: 492, 1947.
Magy & Hoskins, J. Ec. Ent. 38:527, 1945.
Maple et al., Mosq. News 6:128-130, 1946.
Potts, J. Ec. Ent. 39:716-717, 1946.
Potts, Trees 7(5):8, 1947.
Tyner, Agr. Chem. 2(4):41,43, 1947.
Wilson & Jackson, Agr. Chem. 1(6): 50, 1946.
Pennsylvania Salt Mfg. Co., Chem. Indus. 60:230, 1947.
- DUSTS - PEPPER, BLACK
b Lathrop & Keirstead, J. Ec. Ent. 39:534, 1946.
Trullinger et al., USDA OES R. f. 1945/46:106, 1947.
- DUSTS - PHENOTHIAZINE
Fulton, N. C. TB 85:13, 1947.
Hamilton, N. Y. St. Hort. Soc. P. 91: 200-205, 1946.
Lee, Profitable Poult. Mangt. rev.: 237, 1947.
b Matthysse, N. Y. (C.) B. 832:37,65, 1946.
b Plank, J. Ec. Ent. 39:317-318, 1946.

- DUSTS - PHENOTHIAZINE--Continued.
Plank, P. R. (Mayaguez) R. f. 1945:37-38, 1946.
- DUSTS - PHENOTHIAZINE, *see also*
DUSTS - LIME & PHENOTHIAZINE
- DUSTS - PHENOTHIAZINE & FLUORINE COMPOUNDS
b Matthysse, N. Y. (C.) B. 832:37-38, 65, 1946.
- DUSTS - PHENOTHIAZINE & SODIUM FLUOSILICATE
b Matthysse, N. Y. (C.) B. 832:37,65, 1946.
- DUSTS - PHENOTHIAZINE & SODIUM LAURYL SULFATE
Brannon, J. Ec. Ent. 38:400, 1945.
- DUSTS - PHENOXATHIIN
b Plank, J. Ec. Ent. 39:317-318, 1946.
- DUSTS - PHENOXATHIIN, *see also*
DUSTS - LIME & PHENOXATHION;
DUSTS - SULFUR & PHENOXA-THIIN
- DUSTS - PHTHALONITRILE
Lange, Cal. C. 365 41, 1946.
- DUSTS - PHTHALONITRILE, *see also*
DUSTS - SULFUR & PHTHALONITRILE
- DUSTS - PIPERONYL BUTOXIDE
Ivy & Ewing, Assoc. South. Agr. Workers P. 44:128, 1947. (Abs.)
- DUSTS - PIPERONYL BUTOXIDE, *see also* DUSTS - PYRETHRUM & PIPERONYL BUTOXIDE, DUSTS - ROTENONE & PIPERONYL BUTOXIDE
- DUSTS - PIPERONYL COMPOUNDS
Ivy & Ewing, J. Ec. Ent. 40:569, 1947.
- DUSTS - PIPERONYL COMPOUNDS, *see also* DUSTS - PIPERONYL BUTOXIDE; DUSTS - PIPERONYL CYCLONENE
- DUSTS - PIPERONYL CYCLOHEXENONE, *see* DUSTS - PIPERONYL CYCLONENE
- DUSTS - PIPERONYL CYCLONENE
Brannon, J. Ec. Ent. 40:104-106, 1947.
Elde, Wash. St. Hort. Assoc. P. 42, 122,124,126, 1946.
- Ivy & Ewing, Assoc. South. Agr. Workers P. 44:128, 1947. (Abs.)
- Marcovitch & Stanley, Tenn. R. 58:110, 117, 1946.
- Underhill, Va. TB 101:10-11,19-21, 1946.
- DUSTS - PIPERONYL CYCLONENE, *see also* DUSTS - PYRETHRIN & PIPERONYL CYCLONENE; DUSTS - PYRETHRIN & ROTENONE & PIPERONYL CYCLONENE; DUSTS - PYRETHRUM & PIPERONYL CYCLONENE; DUSTS - PYRETHRUM MARC & PIPERONYL CYCLONENE; DUSTS - ROTENONE & PIPERONYL CYCLONENE
- DUSTS - PIPERONYL CYCLONENE - SYNERGISTS
b Piquett et al., J. Ec. Ent. 40:577-578, 1947.
- DUSTS - PIPERONYL CYCLONENE & FUNGICIDES
Muncie & Morofsky, Mich. TB 204:4, 18-20, 1947.
- DUSTS - POTASSIUM FLUOSILICATE
White, USDA EPQ E-642:5, 1945.
- DUSTS - POTASSIUM FLUOSILICATE & PYROPHYLLITE
Ingram, USDA EPQ E-647.1, 1945.
- DUSTS - POTASSIUM HEXAFLUOROALUMINATE & SULFUR
Thomas, J. Ec. Ent. 38:679-680, 1945.
- DUSTS - PREPARATION & USE
Mitchener, Manltoba Dept. Agr. & Immigr. Pub. 198 4, 1945.
- DUSTS - PULVEX
Matthysse, N. Y. (C) B. 832 37, 1946.
- DUSTS - PYRAX, *see* DUSTS - PYROPHYLLITE (PYRAX)
- DUSTS - PYRETHRIN
Graham, B. C. Lumberm. 29(4).120, 1945.
- McGovran & Piquett, Soap & Sanit. Chem. 22(8) 157,159,181, 1946.
- Watkins, N. Y. (C.) R. 58.117, 1946.
- DUSTS - PYRETHRIN, *see also* DUSTS - DDT & PYRETHRIN
- DUSTS - PYRETHRIN - SYNERGISTS
b Piquett et al., J. Ec. Ent. 40:577-578, 1947.
- DUSTS - PYRETHRIN & PIPERONYL CYCLONENE
Weinman, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:78, 1947.
- Wolfenbarger, Fla. Ent. 29:42-43, 1947.
- DUSTS - PYRETHRIN & ROTENONE & PIPERONYL CYCLONENE
Drake et al., Iowa R. f. 1946/47 pt. 1 201.
- DUSTS - PYRETHRUM
Alicata et al., Poult. Sci. 25 377-379, 1946.
- Alicata et al., Hawaii R. f. 1944/46: 98-99, 1947.
- Beckwith, USDA FB 1951 rev..35, 1946.
- Bishop, USDA Leaf. 152 rev..2,4, 1946.
- Carlson et al., Wash. B. 470.144-145, 1945.
- Dove, J. Milk & Food Technol. 10: 217, 1947.
- Fisher, Bakers' Helper 86(1071):55, 1946.
- Fulton, N. C. TB 85 15,17, 1947.
- Lieberman, USDA EPQ E-658,7 p., 1945.
- Lieberman, Amer. Soc. Agron. J. 38. 489-494, 1946.
- b Matthysse, N. Y. (C) B. 832:38,47-48,54,59-61,65, 1946.
- Mimms & Zaumayer, USDA FB 1996: 39, 1947.
- Petty, Ill. Veg. Grow. B. 5(3 i.e. 4): 12, 1945.
- Quesada, Control de Plagas 9 91, 1947.
- Vorhies & Wehrle, Ariz. B. 203:26, 1946.
- White, USDA YB f. 1943/47 663-666.
- DUSTS - PYRETHRUM, *see also*
DUSTS - DDT & PYRETHRUM;
DUSTS - DDT (MULTICIDE) & PYRETHRUM; DUSTS - MYL

- DUSTS - PYRETHRUM - SYNERGISTS & ACTIVATORS
Brooks & Anderson, J. Ec. Ent. 40: 221,228, 1947.
Dewey, Cornell Univ. Abs. Theses f. 1944.152-154, 1945.
- DUSTS - PYRETHRUM - TESTS
Allen et al., J. Ec. Ent. 38:389-390, 1945.
b Bushland et al., Soap & Sanit. Chem. 21(11):119,121, 1945.
Dicke et al., J. Ec. Ent. 38:389, 1945.
Fisher & Allen, J. Ec. Ent. 38:392, 1945.
- DUSTS - PYRETHRUM & CRYOLITE & COPPER
Fulton, N. C. TB 85:15,17, 1947.
- DUSTS - PYRETHRUM & PIPERONYL BUTOXIDE
Annand, USDA EPQ R. f. 1946/47:14.
- DUSTS - PYRETHRUM & PIPERONYL CYCLONENE
Annand, USDA EPQ R. f. 1946/47.6, 14,21.
Hinman & Cowan, USDA EPQ E-722-18-21, 1947.
Lieberman & Hare, USDA EPQ E-697.3, 1946.
- DUSTS - PYRETHRUM & PIPERONYL CYCLONENE (PCH)
Carlson et al., Wash. B. 470:144-145, 1945.
- DUSTS - PYRETHRUM & PYROPHYL-LITE
Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:99, 1945.
b Hadden et al., J. Ec. Ent. 38:267, 1945.
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4 302-303, 1947.
- DUSTS - PYRETHRUM & PYROPHYL-LITE & FLOUR & SKIMMILK (POWDERED)
Buchanan, Wash. B. 482:74-75, 1946.
- DUSTS - PYRETHRUM & ROTENONE
Petty, Ill. Veg. Grow. B. 5(3 i.e. 4):12, 1945.
Vorhies & Wehrle, Ariz. B. 203:28, 1946.
- DUSTS - PYRETHRUM & ROTENONE & SULFUR
Gyrisko, J. Ec. Ent. 39:262-263, 1946.
- DUSTS - PYRETHRUM & SODIUM FLUO-RIDE
Gould, Ind. R. 59:62-63, 1946.
Gould, Milk Plant Month. 35(7):55, 1946.
Shepard, Pests 14(1):22, 1946.
Snyder, Amer. J. Pharm. 118(1):21-22, 1946.
Thompson, Can. Dairy & Ice Cream J. 25(5):28-29, 1946.
- DUSTS - PYRETHRUM & SULFUR
Brannon, J. Ec. Ent. 38:403-404, 1945.
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:303-308,310,312-315, 1947.
Knowlton & Peay, Utah Farm & Home Sci. 7(2):11, 1946.
Trullinger et al., USDA OES R. f. 1945/46:105, 1947.
Vorhies & Wehrle, Ariz. B. 203:13,19, 1946.
- DUSTS - PYRETHRUM & SULFUR-- Continued.
White, USDA EPQ E-642:3,4, 1945.
- DUSTS - PYRETHRUM & SULFUR & PYROPHYLITE
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4 303-304,306-307,309, 316-317, 1947.
- DUSTS - PYRETHRUM (PYROCIDE)
Cormany, Amer. Soc. Sugar Beet Technol. P. 4:327-328, 1947.
- DUSTS - PYRETHRUM (PYROCIDE) & PYROPHYLITE
Nelson, Through the Leaves 35(4).34, 1947.
- DUSTS - PYRETHRUM (PYROCIDE, DRY)
Whitcomb & Garland, Mass. B. 441:39, 1947.
- DUSTS - PYRETHRUM EXTRACT & SULFUR
Hills & Kennedy, USDA EPQ E-648:4-6,19, 1945.
- DUSTS - PYRETHRUM MIXTURES
Huckett, J. Ec. Ent. 39:185-187, 1946.
- DUSTS - PYRETHRUM MARC, see also
DUSTS - DINITROANISOLE & PY-RETHRUM MARC
- DUSTS - PYRETHRUM MARC - SYNER-GISTS & ACTIVATORS
b Weigel & Gertler, J. Ec. Ent. 38:683-686, 1945.
- DUSTS - PYRETHRUM MARC & PI-PERONYL CYCLONENE
Gyrisko, J. Ec. Ent. 39:262-263, 1946.
- DUSTS - PYRETHRUM MARC MIX-TURES (N-H DUST)
Alicata et al., Poult.Sci. 25:377-380, 1946.
Alicata et al., Hawaii R. f. 1944/46:98, 1947.
Gould, Soap & Sanit. Chem. 21:114, 1945.
- DUSTS - PYROCIDE, see DUSTS - SUL-FUR & PYROCIDE
- DUSTS - PYROPHYLITE
Questel, USDA EPQ E-671:4, 1945.
- DUSTS - PYROPHYLITE, see also
DUSTS - CRYOLITE & PY-ROPHYLITE; DUSTS - CUBE & OIL & PYROPHYLITE (PYRAX ABB); DUSTS - CUBE & PY-ROPHYLITE (PYRAX ABB); DUSTS - DDT & PYROPHYLITE; DUSTS - DDT & SULFUR & PY-ROPHYLITE; DUSTS - DERRIS & ROTENONE & PYROPHYLITE; DUSTS - DINITRO-O-CRESOL & PYROPHYLITE; DUSTS - LIME & NICOTINE & PYROPHYL-LITE; DUSTS - METHOXY-CHLOR & PYROPHYLITE; DUSTS - NICOTINE BENTONITE & PYROPHYLITE; DUSTS - PO-TASSIUM FLUOSILICATE & PY-ROPHYLITE; DUSTS - PY-RETHRUM & PYROPHYLITE; DUSTS - PYRETHRUM & SUL-FUR & PYROPHYLITE; DUSTS - ROTENONE & PYROPHYLITE; DUSTS - SABADILLA & PY-ROPHYLITE

- DUSTS - PYROPHYLLITE (PYRAX), *see*
DUSTS - SODIUM FLUOSILICATE
& PYROPHYLLITE (PYRAX)
- DUSTS - PYROPHYLLITE (PYRAX ABB),
see DUSTS - CUBE & PYROPHYLL-
LITE (PYRAX ABB). DUSTS -
CUBE & OIL & PYROPHYLLITE
(PYRAX ABB); DUSTS - ROTE-
NONE & PYROPHYLLITE (PYRAX
ABB); DUSTS - SABADILLA & PY-
ROPHYLLITE (PYRAX ABB)
- DUSTS - RESIDUAL EFFECTS
i Matthyse, J. Ec. Ent. 38:288-289,
1945.
- DUSTS - ROTHANE, *see* DUSTS -
DICHLORO-DIPHENYL-DICHLORO-
ETHANE
- DUSTS - RID-O, *see* DUSTS - BIS(2-
THIOCYANOETHYL) ETHER
(RID-O)
- DUSTS - RIVICOL, *see* DUSTS - CHLOR-
DANE (RIVICOL)
- DUSTS - ROTENONE
Alicata et al., Poul. Sci. 25:377-379,
1946.
Alicata et al., Hawaii R. f. 1944/46.
98, 1947.
Apple, Ill. Veg. Grow. B. 7(2):4, 1947.
Baker & Perron, Ent. Soc. Ont. R. 75:
24-29, 1945.
Bissell & Dupree, Assoc. South. Agr.
Workers P. 44:122, 1947. (Abs.)
Bourne, Mass. B. 436:39, 1946.
Brann, N. Y. (G.) R. 65:16, 1947.
Brindley et al., USDA FB 1971:9-21,
1946.
Brindley et al., Ida. B. 268:41, 1946;
269:33, 1947.
Butterfield, Cal. Ext. C. 80 rev. 47,
1947.
Carruth, N. Y. (G.) Farm Res. 13(1):
11, 1947.
Carruth, N. Y. (G.) R. 65:20-21, 1947.
Clark & Hoveland, Wis. B. 466:2-5,
1945.
Conner & Kulash, N. C. Ext. C. 299:3,
5, 1947.
Dominick, Va. B. 406:13-14, 17, 19,
1947.
Drake et al., Iowa R. f. 1946/47 pt. 1:
200-201.
Dudley et al., USDA EPQ E-651:5-9,
1945.
Dunavan, S. C. R. 58:57-58, 64, 1946;
59:68, 1947.
Firebaugh, Pa. Veg. Grow. News 15
(5):95, 1945.
Fisher, Natl. Butter & Cheese J. 38
(8):92, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:
66.
Garner, Prod. of Tob.:290, 1946.
Graham, B. C. Lumberm. 29(4):118,
120, 1945.
Gunderson, Amer. Assoc. Econ. Ent.
N. Cent. Sta. Branch P. 25:49, 1946.
Hansen & Scheidenhelm, N. J. Ext.
Leaf. 7:4, 1947.
Hawkins, Maine B. 449:385, 398, 1947.
Hixson, Okla. Ext. C. 387 rev.:9, 1946.
Jardine et al., USDA OES R. f.
1944/45:63-64, 1946.
- DUSTS - ROTENONE--Continued.
Knowlton & Sorenson, Utah Ext. N.S.
C. 142:3, 1946.
Lacey, Wool Grow. News 13(1):4, 1947.
Lincoln, Ark. Ext. Leaf. 70:5-6, 1946?
Lyle, Miss. Farm Res. 8(9):7, 1945.
Martin, N. J. R. 67:52, 1947?
Matthyse, Holstein Friesian World
42:20, 33, 1945.
Morrison, Macdonald Col. J. 6(5):14,
1946.
Munro, Amer. Assoc. Ec. Ent. N.
Cent. Sta. Branch P. 2:36, 1947.
Nettles et al., S. C. Ext. B. 109:25,
1947.
Pepper, Pa. Veg. Grow. News 15(2)
34-35, 1945.
Petty, Ill. Veg. Grow. B. 5(3 i.e. 4)
12, 1945.
Price, Ky. Ext. C. 437:4, 1947.
Quetada, Control de Plagas 9:91, 1947.
Questel, USDA EPQ E-671 1,3-4, 1945.
Rockwood & Reeher, USDA EPQ E-
650, 8 p., 1945.
Rowell, East. Breed. 7(9) 43, 1946.
Schwardt, N. Y. (G.) Farm Res. 11
(4):4-5, 1945.
Shepard, Pests 14(11):22, 1946.
Stickey, Ga. R. 57:59-60, 1945.
Stiles & Hixson, Okla. Ext. C. 414:3,
1945.
Thompson, USDA FB 1646 rev. 25,
1947.
Trullinger et al., USDA OES R. f.
1945/46 105, 1947.
Turner, Conn. B. 512:68-69, 1946.
Watkins, N. Y. (C.) R. 58 117, 1946.
Watts, S. C. R. 159, 1947.
White, USDA EPQ E-642:2,4, 1945.
White, USDA YB f. 1943/47:663-666.
Wolfenbarger, Del. B. 263:25, 1947.
Conn. Agr. Expt. Sta., Conn. Veg.
Grow. Assoc. P. 32:21, 1945.
Natl. Livestock Loss Prev. Bd., Cat-
tle Grubs Must Go:11-13, 1945.
Tob. Ins. Conf. Recom. Com. Recom.
Control Tob. Ins. f. 1948, Flue-
Cured Tob.:2-3; Cigar Tob.:1;
Burley & Dark Fire-Cured Tob.:1,
3, 1947.
USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R.:8, 1947.
- DUSTS - ROTENONE, *see also* DUSTS -
CUBE; DUSTS - DDT & ROTE-
NONE; DUSTS - DERRIS;
DUSTS - DERRIS & ROTENONE &
PYROPHYLLITE; DUSTS - NICO-
TINE & ROTENONE; DUSTS -
NICOTINE BENTONITE & ROTE-
NONE; DUSTS - PYRETHRIN &
ROTENONE; DUSTS - PYRETH-
RUM & ROTENONE
- DUSTS - ROTENONE - ADJUVANTS
Telford, J. Ec. Ent. 40:929-930, 1947.
Turner, Conn. Veg. Grow. Assoc. P.
35:60-61, 1947.
b Turner, J. Ec. Ent. 40:592, 1947.
Wilson & Jackson, J. Ec. Ent. 38:290-
295, 1946.
Wilson & Jackson, Wis. B. 469:68-69,
1946.

**DUSTS - ROTENONE - EFFECT ON
APHID POPULATIONS**

Sun & Shepard, J. Ec. Ent. 40:712-713, 1947.

DUSTS - ROTENONE - SUBSTITUTES

Carruth, N. Y. (G.) R. 63:26-27, 1945.

DUSTS - ROTENONE - TESTS

Anderson & Brooks, J. Ec. Ent. 40: 201-205, 1947.

Apple, J. Ec. Ent. 38 410, 1945.

Armitage, J. Ec. Ent. 40:866-868, 1947.

Bigger et al., J. Ec. Ent. 40:401-403, 1947.

Brindley & Schopp, USDA EPQ E-668. 2-3,5,7, 1945.

Bruce & Tauber, J. Ec. Ent. 38:440-441, 1945.

Carruth & Hervey, J. Ec. Ent. 40 716-717,720-721, 1947.

Chapman et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 17-19, 1947.

Decker et al., J. Ec. Ent. 40:398,1947.

Ditman, J. Ec. Ent. 39:221-222, 1946.

Lyle & Strong, J. Ec. Ent. 38:611-612, 1945.

Underhill, Va. TB 101 9-10,21-22, 1946.

**DUSTS - ROTENONE & COPPER ARSE-
NATE (BASIC)**

Rainwater & Bondy, J. Ec. Ent. 40 372-373, 1947.

**DUSTS - ROTENONE & CRYOLITE (UN-
DILUTED)**

Watkins & Logan, N. Y. (C.) R. 57. 125, 1945.

DUSTS - ROTENONE & FLOUR

Peters & Deyoe, Raising Livestock 280, 1946.

DUSTS - ROTENONE & LETHANE

Armitage, J. Ec. Ent. 40:866-867, 1947.

**DUSTS - ROTENONE & LETHANE &
TALC**

Curry, N. Mex. R. 57:31, 1947?

DUSTS - ROTENONE & NICOTINE

Cockerham et al., La. R. f. 1944/45-126, 1946.

Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:21.

DUSTS - ROTENONE & OIL

Dudley et al., USDA EPQ E-651:5, 1945.

McDonald, N. Dak. Ext. C. 190:34, 1947.

Trullinger et al., USDA OES R. f. 1945/46.112, 1947.

White, USDA EPQ E-642-5, 1945.

Wilson, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 25:72, 1946.

DUSTS - ROTENONE & OIL (MOTOR)

Johnson, Sheep Breed. 65(11):6, 1945.

Schwardt, N. Y. (G.) Farm Res. 11(4): 4-5, 1945.

**DUSTS - ROTENONE & PIPERONYL
BUTOXIDE**

Brannon, J. Ec. Ent. 40:933-934, 1947.

**DUSTS - ROTENONE & PIPERONYL
CYCLONENE**

Brannon, J. Ec. Ent. 40:933-934, 1947.

**DUSTS - ROTENONE & PIPERONYL CY-
CLONENE & TALC**

Curry, N. Mex. R. 57:31, 1947?

DUSTS - ROTENONE & PYROPHYLLITE

Parks, Ohio Ext. B. 229 rev.:6, 1946.

Schwardt et al., N. Y. (C.) R. 58:119, 1946.

Smith, Colo. Ext. B. 389-A 32, 1946.

Trullinger et al., USDA OES R. f. 1945/46.112-113, 1947.

Weaver et al., S. Dak. Ext. Leaf. 102. 3-4, 1946. (Repr.)

**DUSTS - ROTENONE & PYROPHYLLITE
(PYRAX ABB)**

Matthysse, N. Y. (C.) B. 832:52,55, 1946.

DUSTS - ROTENONE & SULFUR

Cockerham et al., La. R. f. 1944/45. 126, 1946.

Dutsch et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:92-93, 1945.

Lehker, Ind. Ext. B. 239 rev. 4-6,8-9, 11, 1947.

Matthysse, N. Y. (C.) B. 832 40-47, 52,54-56,59-60, 1946.

Pirone, N. Y. Bot. Gard. J. 48 178, 1947.

Riedl & Harrison, Wyo. B. 271:18-23, 1945.

Vorhies & Wehrle, Ariz. B. 203 13, 1946.

**DUSTS - ROTENONE & SULFUR &
TALC**

Jones & Mote, Oreg. C. Inform. 374 3, 1946.

**DUSTS - ROTENONE & SULFUR (WET-
TABLE)**

Smith, Colo. Ext. B. 389-A:32, 1946.

Weaver et al., S. Dak. Ext. Leaf. 102 6-7, 1946. (Repr.)

DUSTS - ROTENONE & TALC

Curry, N. Mex. R. 57:31, 1947?

Matthysse, N. Y. (C.) B. 832:52,55, 1946.

DUSTS - ROTENONE & TOBACCO

Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Cigar Tob.: 1, 1947.

**DUSTS - ROTENONE & TOBACCO
DUST & SULFUR (DUSTING)**

Jardine et al., USDA OES R. f. 1944: 50, 1945.

DUSTS - ROTENONE & TRIPOLI EARTH

Gentry, Vet. Med. 42:186, 1947.

Smith, Colo. Ext. B. 389-A:32, 1946.

DUSTS - ROTENONE & VELSICOL AR-60

b Sun, J. Ec. Ent. 38:124-125, 1945.

**DUSTS - ROTENONE & VELSICOL AR-
60 - TESTS**

b Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1,85 p., 1946.

DUSTS - ROTENONE (ROTOX)

Ward, B. C. Dept. Agr. R. 40:V73-V74, 1946.

DUSTS - ROTENONE MIXTURES

Cockerham et al., La. R. f. 1945/46: 113, 1947.

Fulton, N. C. TB 85:11,14, 1947.

Glasgow, J. Ec. Ent. 39:195-196, 1946.

DUSTS - ROTENONE MIXTURES--Continued.

- Jones & Mote, Oreg. C. Inform. 401 3, 1947.
 Spencer, Neb. Cattle. 1(6) 13, 1945.
DUSTS - ROTENONE MIXTURES - TOX-ICITY TO INSECTS
 Sun & Hansberry, J. Ec. Ent. 40 526-529, 1947.
DUSTS - ROTENONE THIOCYANATE & FUNGICIDES
 Muncie & Morofsky, Mich. TB 204-4, 14, 16-17, 19-20, 1947.
DUSTS - ROTOX, see DUSTS - ROTE-NONE (ROTOX)
DUSTS - RYANEX
 Carruth, N. Y. (G.) Farm Res. 13(1) 11, 1947.
 Carruth, N. Y. (G.) R. 65 20-21, 1947.
 Carruth & Hervey, J. Ec. Ent. 40 717, 720-721, 1947.
 Dugas et al., La. R. f. 1945/46 53, 1947.
 Gould, Ind. R. 60 69, 1947.
 Hawkins, Maine B. 449 385, 398, 1947.
 Kulash, J. Ec. Ent. 40 927-928, 1947.
 Slate, Conn. R. f. 1944/45 15.
 Turner, Conn. B. 495.32, 42, 1945.

DUSTS - RYANIA

- Bigger et al., J. Ec. Ent. 40 402-403, 1947.
 Bondy & Rainwater, S. C. R. 111, 113, 1947.
 Chupp & Leiby, N. Y. (C) Ext. B. 206 rev. 77, 1947.
 Decker et al., J. Ec. Ent. 40 398-400, 1947.
 Drake et al., Iowa R. f. 1946/47 pt. 1 201.
 Harris, Iowa R. f. 1945/46 pt. 1 234-235.
 Ingram et al., J. Ec. Ent. 40 780-781, 1947.
 Ivy & Ewing, Assoc. South. Agr. Workers P. 44 128, 1947. (Abs.)
 Ivy & Ewing, J. Ec. Ent. 40 568, 1947.
 Martin, N. J. R. 66:34, 1946.
 Nissley, N. J. St. Hort. Soc. Hort. News 26 1691, 1945.
 Pepper, N. J. St. Hort. Soc. Hort. News 27.1843, 1946.
 Rainwater & Bondy, Assoc. South. Agr. Workers P. 44.130, 1947. (Abs.)
 Rainwater & Bondy, J. Ec. Ent. 40: 372-373, 1947.
 Trullinger et al., USDA OES R. f. 1945/46:116, 1947.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 9, 1947.

DUSTS - SK PREPARATION, see DUSTS - TURPENTINE, CHLORINATED (SK PREPARATION)

DUSTS - SABADILLA

- Ahlgren, N. J. B. 724:25, 1946.
 Annand, USDA EPQ R. f. 1944/45.19.
 Bayer, N. C. R. 68:58-59, 1945.
 Brett et al., Okla. TB-24.24-28, 1946.
 Chambers, Wis. Hort. 36.148, 1946.
 Clark & Hoveland, Wis. B. 466:5-6, 1945; 472:16-17, 19, 1947.

DUSTS - SABADILLA--Continued.

- Cormany, Amer. Soc. Sugar Beet Technol. P. 4:327-328, 1947.
 Decker et al., Ill. Ext. C. 590:15, 1945.
 Dominick, Va. B. 406 10-11, 1947.
 Dorman, Miss. R. 59 27, 1947?
 Drake et al., Iowa R. f. 1946/47 pt. 1 200-201.
 Dunavan, S. C. R. 58 59-60, 64-65, 1946.
 Enns, Mo. St. Hort. Soc. Hort. News 7(2) 10, 1947.
 Franklin, Mass. B. 428.29, 1945.
 Franklin, Cranberries 11(2).22, 1946.
 Frazier, Cal. C. 365.93, 1946.
 Hansen & Scheidenhelm, N. J. Ext. Leaf. 7.4, 1947.
 Harris, Iowa R. f. 1945/46 pt. 1 234-235.
 Hayslip, Fla. R. 57.195-196, 1946?
 Hills et al., Amer. Soc. Sugar Beet Technol. P. 4 306-308, 310-311, 315-316, 1947.
 Hockett, N. Y. (G.) R. 65-20, 1947.
 Ingram et al., J. Ec. Ent. 40 781, 1947.
 Ivy & Ewing, Assoc. South. Agr. Workers P. 44 127-128, 1947. (Abs.)
 Lange, Cal. C. 365.41, 1946.
 Lieberman, Utah Farm & Home Sci. 6(3) 3-4, 1945.
 Lieberman, Amer. Soc. Agron. J. 38 489-494, 1946.
 Lieberman & Hare, USDA EPQ E-697 3, 1946.
 Michelbacher et al., Cal. C. 365 16-17, 1946.
 Munro, Amer. Assoc. Ec. Ent. N Cent Sts. Branch P. 2.36, 1947.
 Parker, Kans. Bien. R. 13 64, 1946.
 Pinckard, Home Gard. So. 6 398-399, 1946.
 Price, Ky. Ext. C. 435 4-5, 1947.
 Riley, Dahlias 81-82, 84, 1947.
 Shoemaker, Veg. Grow. 453, 463, 1947.
 Sorenson, Mirid-bug Injury as a Factor in Declining Alfalfa-seed Yields 19-21, 1946.
 Sorenson & Carlson, Utah Farm & Home Sci. 6(3) 5, 11, 1945.
 Sorenson & Carlson, Amer. Soc. Agron. J. 38.495-501, 1946.
 Stanley, Tenn. St. Hort. Soc. P. 40 94, 1946.
 Steinweden, Cal. Dept. Agr. B. 34 180, 1945.
 Tate & Gates, Neb. R. 59-57-58, 1946.
 Tate & Hill, Neb. Ext. C. 1529 4, 1945.
 Trullinger et al., USDA OES R. f. 1945/46:107, 111, 115, 1947.
 Underhill, Va. TB 101.11-12.22, 1946.
 Wallace, Amer. Soc. Hort. Sci. P. 46: 284, 1945.
 Watkins, N. Y. (C.) R. 58.116, 1946.
 Weithing & Hoerner, Amer. Soc. Agron. J. 39:347-348, 1947.
 Wolfenbarger, Fla. R. f. 1946/47-248-249.

DUSTS - SABADILLA, see also, DUSTS - CEVADINE; DUSTS - DDT & SABADILLA; DUSTS - LIME & SABADILLA; DUSTS - SULFUR & SABADILLA; DUSTS - VERA-TRINE; DUSTS - VERATRIDINE

DUSTS - SABADILLA - TESTS

b Allen & Brunn, J. Ec. Ent. 38:291-293; 389-390, 1945.

Brunn & Allen, J. Ec. Ent. 38:392, 1945.

Filmer & Smith, J. Ec. Ent. 39:309-313, 1946.

Fisher & Allen, J. Ec. Ent. 38:392-393, 1945.

Fisher & Stanley, J. Ec. Ent. 38:125-126, 1945.

Hills & Kennedy, USDA EPQ E-648:11-14, 19, 1945.

Hinman & Cowan, USDA EPQ E-722:18-21, 1947.

Ivy & Ewing, J. Ec. Ent. 40:568-569, 1947.

Lieberman, USDA EPQ E-658, 7 p., 1945.

Medler & Scholl, J. Ec. Ent. 40:579-581, 1947.

Walton, J. Ec. Ent. 40:389-395, 1947.

DUSTS - SABADILLA - TOXICITY TO INSECTS - BEES

Eckert, Cal. C. 365:23, 1946.

Linsley & MacSwain, J. Ec. Ent. 40:361, 1947.

DUSTS - SABADILLA & COPPER

Munro & Redman, N. Dak. Bimo. R. 7(4):11, 1945.

DUSTS - SABADILLA & PYROPHYLLITE

Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:307, 1947.

DUSTS - SABADILLA & PYROPHYLLITE (PYRAX ABB)

Matthysse, N. Y. (C.) B. 832:60, 1946.

DUSTS - SABADILLA (ACTIVATED)

Filmer & Smith, Goldom 19(8):9, 1945.

Filmer & Smith, Greenkeepers' Rptr. 13(4):24, 1945.

DUSTS - SABADILLA (MCCONNON CONCENTRATE NO. 1)

Frazier, J. Ec. Ent. 38:720, 1945.

DUSTS - SABADILLA ALKALOIDS

b Allen et al., J. Ec. Ent. 38:293-296, 1945.

DUSTS - SABADILLA MIXTURES

Brown, Amer. Dahlia Soc. B. ser 19 (1):8-9, 1946.

Fisher, Natl. Butter & Cheese J. 38 (8):92, 1947.

Huckett, J. Ec. Ent. 39:185-186, 188, 1946.

DUSTS - SODA ASH, see DUSTS - SODIUM CARBONATE

DUSTS - SODIUM ANTIMONY HYDROXY-ACETATE

Watkins, N. Y. (C.) R. 58:116, 1946.

DUSTS - SODIUM CARBONATE, see

DUSTS - LIME & NICOTINE SULFATE & SODIUM CARBONATE

DUSTS - SODIUM FLUOALUMINATE, see DUSTS - CRYOLITE

DUSTS - SODIUM FLUORIDE

Alicata et al., Poult. Sci. 25:377-380, 1946.

Alicata et al., Hawaii R. f. 1944/46:98, 1947.

Annand, USDA EPQ R. f. 1943/44:26.

Bushnell & Twiehaus, Kans. B. 326:90, 1945.

DUSTS - SODIUM FLUORIDE--Continued

b Gould, Soap & Sanit. Chem. 21:113, 115, 121, 1945.

Gould, Milk Plant Month. 35(7):55, 1946.

Hall et al., USDA FB 1330 rev.:4, 1946.

Haviland, J. Ec. Ent. 40:418, 1947.

Howard et al., USDA Misc. Pub. 526 rev.:34, 1945.

Lee, Profitable Poult. Mangt. rev. 237, 1947.

Lincoln, Ark. Ext. C. 362 rev.:10-12, 16, 1945.

McGovran & Piquett, Soap & Sanit. Chem. 22(8):157, 159, 181, 1946.

b Matthysse, N. Y. (C.) B. 832:37-38, 61, 64, 86, 1946.

Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:3, 9, 1947.

Ogle, Breed. Gaz. 110(6):21, 1945.

Reed, Milk Dealer 34(6) 109-110, 1945.

Reed, South. Dairy Prod. J. 37(3) 74, 1945.

Shepard, Pests 14(11):22, 1946.

Stiles, Okla. Ext. C. 223 rev. 15-16, 1946?

Warren, Poult. Sci. 24:473-476, 1945.

DUSTS - SODIUM FLUORIDE, see also DUSTS - PYRETHRUM & SODIUM FLUORIDE

DUSTS - SODIUM FLUOSILICATE

Alicata et al., Poult. Sci. 25:377-380, 1946.

Alicata et al., Hawaii R. f. 1944/46:98, 1947.

Baker et al., Wash. B. 497:42, 1947.

Dugas et al., La. R. f. 1944/45:62-63, 1946; 1945/46:53-54, 1947.

Dunavan, S. C. R. 57:61-62, 1945.

Gould, Soap & Sanit. Chem. 21:113, 1945.

Graham, B. C. Lumberm. 29(4) 118, 1945.

Ingram et al., J. Ec. Ent. 40:745-746, 1947.

Ingram et al., Sugar J. 9(11):11, 1947.

Jardine et al., USDA OES R. f. 1944/45:58, 1946.

Stuckey, Ga. R. 57:59-60, 1945.

USDA EPQ & La. Agr. Expt. Sta., Sugar Bul. 25:89-90, 1947.

DUSTS - SODIUM FLUOSILICATE, see also DUSTS - CRYOLITE (SYNTHETIC) & SODIUM FLUOSILICATE; DUSTS - PHENOTHIAZINE & SODIUM FLUOSILICATE

DUSTS - SODIUM FLUOSILICATE & FLOUR (WHEAT)

Hetrick, Va. B. 409:14-15, 1947.

DUSTS - SODIUM FLUOSILICATE & PYROPHYLLITE (PYRAX)

Dugas, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:94-97, 1945.

DUSTS - SODIUM FLUOSILICATE & 2, 4-D

Ingram et al., J. Ec. Ent. 40:745-746, 1947.

DUSTS - SODIUM SILICOFLOURIDE, see DUSTS - SODIUM FLUOSILICATE

DUSTS - SPERGON, see DUSTS - CUBE & SPERGON
DUSTS - SPLIT
Parentia et al., J. Ec. Ent. 39:332-333, 1946.
DUSTS - STEMONA TUBEROSA
b Matthysse, N. Y. (C.) B. 832:39, 64, 1946.
DUSTS - SULFUR
Alicata et al., Poult. Sci. 25:377-379, 1946.
Alicata et al., Hawaii R. f. 1944/46: 98-99, 1947.
Baerg & Lincoln, Ark. Ext. C. 448:11-12, 1947.
Brett et al., Okla. TB-24:19-27, 30, 1946.
Bruce & Tauber, J. Ec. Ent. 38:439-440, 1945.
Burgess, Ariz. R. 57:45, 1947.
Bushnell & Twiehaus, Kans. B. 326: 88, 1945.
Caryl & Johnston, Cal. Ext. C. 114 rev. 43-44, 1946.
b Cassidy et al., J. Ec. Ent. 38:50-51, 1945.
Childs et al., Oreg. Ext. B. 663:10, 1946.
Clark & Hoveland, Wis. B. 466:18, 1945.
Cox & Wilson, La. Ext. C. 268:13, 1947.
Drake & Tauber, Iowa R. f. 1944/45 pt. 1:247-248.
Dunavan, S. C. R. 59:68, 1947.
Ebeling, Cal. Ext. C. 43 rev.:47, 1947.
Elmore, Cal. Lima Bean News 5(1):4, 1947.
Fife et al., J. Ec. Ent. 38:598-599, 1945.
Gaines, Cotton & Cotton Seed Press 47(10):6-7, 1946.
Gates, Neb. R. 59:63, 1946.
Hill, Wyo. R. 54:14-15, 1946; 55:24, 1946?
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:302,304-306,310,312, 316-317, 1947.
b Isely & Miner, J. Ec. Ent. 39:93-94, 1946.
Jardine et al., USDA OES R. f. 1943/44:47,53, 1945.
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 22, 1945.
Karr et al., Wash. St. Hort. Assoc. P. 43:123, 1947.
Lincoln, Ark. Ext. C. 438:14, 1945.
List, J. Ec. Ent. 40:109-112, 1947.
b Matthysse, N. Y. (C.) B. 832:37-38, 43-44,59-62, 1946.
Michelbacher et al., Agr. Chem. 2(3). 22,54,68, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:22, 1946.
Mote et al., Oreg. Ext. B. 676:5, 1947.
Oliver et al., Peanut J. & Nut World 24(8):30, 1945.
Poos et al., J. Ec. Ent. 40:903-905, 1947.
Povar, Cornell Vet. 36:91, 1946.

DUSTS - SULFUR--Continued.
bi Riedl & Harrison, Wyo. B. 271:8-19,24, 1945.
Roberts, Lower Rio Grande Val. Cit. & Veg. Inst. P. 1:73, 1946.
Savage, Fla. R. f. 1946/47:206.
Schwardt et al., N. Y. (C.) R. 57:124, 1945.
Smith, Cal. Ext. C. 46 rev.:41, 1947.
Smith & Gouck, J. Ec. Ent. 40:790-794, 1947.
Stiles & Fenton, Okla. C. 126:3-4, 1947.
Talbert, Gen. Hort.:225, 1946.
Thomas, J. Ec. Ent. 38:679-682, 1945.
Westbrook, Ga. Ext. B. 523:43, 1945.
Williams, Citrus Mag. 8(4):14, 1945.
Wolfenbarger, Fla. St. Hort. Soc. P. 60:168, 1947.
Cal. Fruit Grow. Exch. Pest Control C. 125:3, 1945.
Ohio Flor. Assoc. Month. B. 210:8, 1947.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov.17-19) R.:9, 1947.
DUSTS - SULFUR, see also DUSTS - BIS(2-THIOCYANOETHYL) ETHER & SULFUR; DUSTS - CRYOLITE & SULFUR; DUSTS - CUBE & SULFUR, DUSTS - DDT & LEAD ARSENATE & SULFUR; DUSTS - DDT & ROTENONE & SULFUR, DUSTS - DDT & SULFUR, DUSTS - DEPOSITS - LEAD ARSENATE & SULFUR, DUSTS - DERRIS & SULFUR, DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE & SULFUR, DUSTS - DINITRO COMPOUNDS & SULFUR; DUSTS - DINITRO-O-CRESOL & SULFUR; DUSTS - DINITRO-O-CYCLOHEXYLPHENOL & SULFUR; DUSTS - ISOBORNYL THIOCYANOACETATE & SULFUR, DUSTS - LEAD ARSENATE & LIME & SULFUR; DUSTS - LEAD ARSENATE & NICOTINE & SULFUR; DUSTS - LEAD ARSENATE & SULFUR; DUSTS - LEAD ARSENATE & ZINC SULFATE (BASIC) & SULFUR, DUSTS - LETHANE-60 & SULFUR; DUSTS - LETHANE A-70 & SULFUR; DUSTS - LIME & NICOTINE SULFATE & SULFUR; DUSTS - LIME & SULFUR; DUSTS - MAGNESIUM OXIDE & SULFUR; DUSTS - NABAM (DITHANE) & SULFUR; DUSTS - NICOTINE & SULFUR; DUSTS - NICOTINE BENTONITE & SULFUR; DUSTS - PARIS GREEN & SULFUR; DUSTS - POTASSIUM HEXAFLUOROALUMINATE & SULFUR; DUSTS - PYRETHRUM & ROTENONE & SULFUR; DUSTS - PYRETHRUM & SULFUR; DUSTS - PYRETHRUM EXTRACT & SULFUR; DUSTS - ROTENONE & SULFUR; DUSTS - ROTENONE & TOBACCO DUST & SULFUR

- DUSTS - SULFUR - HAZARDS & SAFE-GUARDS
Elmore, Cal. Lima Bean News 5(1):4, 1947.
- DUSTS - SULFUR - TOXICITY TO INSECTS
bi McGregor et al., Ariz. TB 114:225-246, 1947.
- DUSTS - SULFUR & BARIUM FLUOSILICATE (DUTOX)
Riedl & Harrison, Wyo. B. 271:13-18, 23, 1945.
- DUSTS - SULFUR & BENTONITE & OIL
Armstrong & Ritcher, Ky. Fruit Notes 3(1):4, 1946.
- DUSTS - SULFUR & BIS(P-CHLORO-PHENOXY) METHANE (DOW K-1875)
Matthysse, N. Y. (G.) B. 832:47,51,54, 61, 1946.
- DUSTS - SULFUR & COPPER ARSENATE (BASIC)
Tate & Hill, Neb. Ext. C. 1529.3, 1945.
- DUSTS - SULFUR & CRYOLITE
b Brannon, J. Ec. Ent. 38:101-102, 1945.
- Hill, Neb. Res. B. 138:3-8,10,12, 1945.
Hill, Neb. R. 59:55-57, 1946.
List, Colo. Farm B. 7(5):14, 1945.
List, West. Colo. Hort. Soc. Trans. f. 1944 69-70, 1945.
List, J. Ec. Ent. 40:110, 1947.
Riedl & Harrison, Wyo. B. 271:13-19, 23-24, 1945.
- Smith et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:90-91, 1945.
Tate & Hill, Neb. Ext. C. 1529.3, 1945.
Underhill, Va. TB 101:9-10,22, 1946.
- DUSTS - SULFUR & DITHIOCYANATE
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:305, 1947.
- DUSTS - SULFUR & FLOUR
Baker & Perron, Ent. Soc. Ont. R. 75. 24-26, 1945.
- DUSTS - SULFUR & FUNGICIDES
Muncie & Morofsky, Mich. TB 204.3-4, 14,18-19, 1947.
- DUSTS - SULFUR & HELLEBORE
Matthysse, N. Y. (C.) B. 832:47,52-53, 59-61, 1946.
- DUSTS - SULFUR & LEAD ARSENATE & NICOTINE
Harman & Brann, N. Y. (G.) R. 63:22, 1945.
- DUSTS - SULFUR & LETHANE A-70
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:306-307, 1947.
- DUSTS - SULFUR & LETHANE B-71
Tate & Hill, Neb. Ext. C. 1529:4, 1945.
- DUSTS - SULFUR & OIL
Armstrong & Ritcher, Ky. Fruit Notes 3(1):4, 1946.
Garman, Conn. Pom. Soc. P. 55:25, 1946.
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:305-306, 1947.
Thies, Mass. Ext. Fruit Notes Dec. 31, 1945:5.
- DUSTS - SULFUR & LIME & COPPER SULFATE
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:70-71, 1947.
- DUSTS - SULFUR & PARIS GREEN
Welker, Ariz. Farm. Prod. 24(4):4-5, 1945.
- DUSTS - SULFUR & PHENOXATHIIN
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:303-304, 1947.
Matthysse, N. Y. (C.) B. 832:47,51,54, 56,61, 1946.
- DUSTS - SULFUR & PHTHALONITRILE
Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:303, 1947.
- DUSTS - SULFUR & PYROCIDE
Sorenson, Mirid-bug Injury as a Factor in Declining Alfalfa-seed Yields: 19-20, 1946.
Sorenson & Carlson, Utah Farm & Home Sci. 6(3):5,11, 1945.
Sorenson & Carlson, Amer. Soc. Agron. J. 38:495-501, 1946.
- DUSTS - SULFUR & SABADILLA
Matthysse, Holstein Friesian World 42:20,33, 1945.
b Matthysse, N. Y. (C.) B. 832 38,47, 52-54,56,59-61,65, 1946.
Peters & Deyoe, Raising Livestock 280, 1946.
Smith, Cal. C. 365:30-32, 1946.
Trullinger et al., USDA OES R. f. 1945/46:105, 1947.
- DUSTS - SULFUR & SABADILLA (LIME-ACTIVATED)
Fisher & Allen, Wisc. B. 469 16, 1946.
- DUSTS - SULFUR & TALC & OIL
Bourne, Mass. Ext. Fruit Notes, June 28, 1945 7.
Shull & Manis, Idaho Ext. C. 86:7-8, 1945.
- DUSTS - SULFUR & VELSICOL
Matthysse, N. Y. (C.) B. 832:47,51,54, 61, 1946.
- DUSTS - SULFUR & YAM BEAN
Matthysse, N. Y. (C.) B. 832:47,52-54, 59-61, 1946.
- DUSTS - SULFUR (BLACKBIRD)
Pletsch, Mont. B. 446:69-73,85, 1947.
- DUSTS - SULFUR MIXTURES
Hill, Wyo. R. 56:30, 1947.
Hills & McKinney, USDA EPQ E-648. 4-6,19, 1945.
- DUSTS - TDE, see DUSTS - DICHLORO-DIPHENYL-DICHLOROETHANE
- DUSTS - TESTS
Annard, USDA EPQ R. f. 1943/44:16-17.
Brandes & Swisher, N. Dak. Bimo. B. 8(3):33-39, 1946.
Campbell & Filmer, Hints to Potato Grow. 26(10):2-4, 1946.
Dudley et al., USDA EPQ E-651,10 p., 1945.
b Harriet et al., J. Agr. Res. 71:553-565, 1945.
Hills, USDA EPQ E-635,4 p., 1945.
Munro & Hoyman, N. Dak. Bimo. B. 8 (3):23-30, 1946.
b Telford, J. Ec. Ent. 38:573-576, 1945.
- DUSTS - TETRAMETHYL THIURAM DISULFIDE, see DUSTS - THIRAM
- DUSTS - THANITE, see DUSTS - ISO-BORNYL THIOCYANOACETATE

- DUSTS - THIOCYANATES, see also
DUSTS - ISOBORNYL THIOCYANO-
ACETATE; DUSTS - LETHANE,
DUSTS - ROTENONE THIOCYA-
NATE
- DUSTS - THIOPHOS 3422, see DUSTS -
PARATHION (THIOPHOS 3422)
- DUSTS - THIRAM
Cormany, Amer. Soc. Sugar Beet
Technol. P. 4:327-328, 1947.
Hanmer, J. Ec. Ent. 40:574-575, 1947.
- DUSTS - TIMING
Arant, Southeast. Cotton Ins. Control
Conf. R. P. 1:24-25, 1947.
Frazier & Stafford, J. Ec. Ent. 40:492,
1947.
Fulton, N. C. Res. & Farm. 4(Prog. R.
2) 10, 1946.
Fulton, N. C. TB 85 20, 1947.
Hill, Neb. St. Bd. Agr. R. f. 1945:508-
511.
Michelbacher & Swanson, J. Ec. Ent.
38 127-128, 1945.
Smith, N. C. Res. & Farm. 4 (Prog. R.
3) 7, 9, 1946.
Turner, Conn. B. 495 7, 1945.
- DUSTS - TIMING - DDT
Bowser, Mich. Quart. B. 28 196, 1946.
Smith & Michelbacher, J. Ec. Ent. 39
643-646, 1946.
- DUSTS - TOBACCO DUST
Chupp & Leiby, N. Y. (C.) Ext. B. 206
rev. 14, 1947.
Howard et al., USDA Misc. Pub. 526
rev. 37, 1945.
Wilton et al., Mich. Ext. B. 271 49,
1945.
- DUSTS - TOBACCO DUST, see also
DUSTS - NICOTINE & TOBACCO
DUST, DUSTS - ROTENONE & TO-
BACCO DUST
- DUSTS - TOXAPHENE
Dugas et al., La. R. f. 1945/46-53,
1947.
Gould, Ind. R. 60 72, 1947.
Ivy & Ewing, Assoc. South. Agr.
Workers P. 44 127, 1947. (Abs.)
Ivy et al., Assoc. South. Agr. Workers
P. 44 127, 1947.
bi lvey et al., J. Ec. Ent. 40 513-517,
1947.
Kelsheimer, Fla. St. Hort. Soc. P. 60-
123, 1947.
King, Southeast. Cotton Ins. Control
Conf. R. P. 1:26-28, 1947.
Lyle, Miss. Farm Res. 10(5).1, 1947.
Lyle, Miss. Inform. Sheet 389:1, 1947.
Magie, Gladiolus Mag. 11(4):19, 1947.
Magie, N. Amer. Glad. Council B. No.
11:16, 1947.
Pepper & Wilson, J. Ec. Ent. 40:731-
732, 1947.
Watts, S. C. R. 59:161, 1947.
- DUSTS - TOXAPHENE, see also DUSTS -
CAMPHENE, CHLORINATED
- DUSTS - TOXICITY TO INSECTS - SIZE
OF LARVAE
Turner, Conn. B. 495:21-27, 1945.
- DUSTS - 1,1,1-TRICHLORO-2-CHLORO-
PHENYL-2-PHENYLETHANE
Lange, Cal. C. 365:39-40,48-51, 1946.
- DUSTS - TRIPTERYGIUM FORESTII
Cheng, J. Ec. Ent. 38:491-492, 1945.
- DUSTS - 2,4-D
Ingram et al., J. Ec. Ent. 40:745-746,
1947.
- DUSTS - TURPENTINE, CHLORINATED
(SK PREPARATION)
Hastings & Shimkin, Science 103 639,
1946.
- DUSTS - VALONES, see DUSTS - BUTYL
VALONE
- DUSTS - VELSICOL AR-60
Sun, N. Y. St. Col. Agr. Dept. Ent.
Ent. 1.11-15,20,23-27,32,38,59-60,
66-67,71,75-77,81, 1946.
- DUSTS - VELSICOL AR-60, see also
DUSTS - DDT & VELSICOL AR-60;
DUSTS - ROTENONE & VELSICOL
AR-60
- DUSTS - VELSICOL 1068, see DUSTS -
CHLORDANE (VELSICOL 1068)
- DUSTS - VERATRIDINE
b Allen et al., J. Ec. Ent. 38 293-296,
1945.
- DUSTS - VERATRINE
b Allen et al., J. Ec. Ent. 38 293-296,
1945.
- DUSTS - VERATRINE HYDROCHLO-
RIDES
b Allen et al., J. Ec. Ent. 38 293-296,
1945.
- DUSTS - XANTHONE
Fulton, N. C. TB 85 13, 1947.
Witman, Amer. Fruit Grow. 67(8) 20,
1947.
- DUSTS - XANTHONE & SODIUM LAURYL
SULFATE - TESTS
Brannon, J. Ec. Ent. 38 400, 1945.
- DUSTS - YAM BEAN
Watkins, N. Y. (C.) R. 58.116, 1946.
- DUSTS - YAM BEAN, see also DUSTS -
SULFUR & YAM BEAN
- DUSTS - Z-39, see DUSTS - DICHLORO-
DIPHENYL-DICHLOROETHANE
(Z-39)
- DUSTS - ZINC, see DUSTS - LEAD AR-
SENATE & ZINC
- DUSTS - ZINC NICOTINYL FLUOSILI-
CATE & COPPER SULFATE (TRI-
BASIC) & LIME
Bronson & Smith, J. Ec. Ent. 39 190,
192-194, 1946.
- DUSTS - ZINC SULFATE, see DUSTS -
LEAD ARSENATE & ZINC SUL-
FATE (BASIC)
- DUTCH ELM DISEASE, see under genera
ALSO PHILA; MAGDALIS; PALE-
ACRITA, SAPERDA; SCOLYTUS;
and BARK BEETLES & DUTCH
ELM DISEASE; ELM BARK BEE-
TLES & DUTCH ELM DISEASE;
INSECTS & PLANT DISEASE -
DUTCH ELM DISEASE
- DYNASTES HERCULES (L.) HERCULES
BEETLE)
i Crandall, Anim. Kingdom 49:167,
1946.
- DYNASTINAE - UNITED STATES
bik Saylor, Wash. Acad. Sci. J. 35:378-
386, 1945; 36:16-21,41-45, 1946.

DYSCINETUS PICIPES (Burm.)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:534,536, 1946.

DYSDERCUS Serv. - COTTON
Steyaert, Sci. Month. 63:275, 1946.

DYSDERCUS ANDREAE (L.)
Martorell, P. R. Univ. J. Agr. Agr. 29:
418-419, 1945.
Plank, P. R. (Mayaguez) R. f. 1945:23,
1946.

DYSDERCUS BIMACULATUS Stål
bi Sailer, Ent. Soc. Wash. P. 49:15-19,
1947.

DYSDERCUS SANGUINARIUS Stål
Martorell, P. R. Univ. J. Agr. 29:419,
1945.

DYSENTERY, see FLIES & DISEASE -
DYSENTERY

DYSLOBUS LILIPHAGUS Ting
ni Ting, Cal. Dept. Agr. B. 36:39-41,
1947.

DYSLOBUS WASATCHENSIS Tann. -
GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:13, 1947.

DYSMIGIA LORICARIA (Eversm.) -
LARVAE
McGuffin, Can. Ent. 79:115-116, 1947.

DYSTROMA (TRUNCATA GROUP)
i McDunnough, Can. Ent. 78:71-78,
1946.

DYTISCUS FASCIVENTRIS Say & LIGHT,
COLORED
Jahn & Wulff, Anat. Rec. 96:507, 1946.
(Abs.)

EACLES IMPERIALIS (Drury) (IMPERI-
AL MOTH)*
i Dillon & Dillon, Mengel Nat. Hist.
Soc. Leaf. 2:12, 1945.
b Frings, J. Expt. Zool. 99:115-140,
1945.
Wressell, Can. Ins. Pest Rev. 24:58,
1946.

EAR MITES
Anand, USDA EPQ R. f. 1946/47:19.
i Fairchild & Fairchild, Cats:197-198,
1947.
Gunn, Amer. Fur Breed. 19(3):56,58,
1946.
Herrick, Amer. Fur Breed. 20(3):32,
34, 1947.
Herrick, Natl. Fur News 19(10):52,
1947.

EAR MITES, see also OTODECTES CY-
NOTIS (Hering)

EAR SMUT OF SWEET CORN, see PY-
RAUSTA NUBILALIS & EAR SMUT
OF SWEET CORN

*EAR TICK, see OTOBIOUS MEGNINI
(Dugès)

EARLY CUTWORM, see EUXOA TRIS-
TICULA (Morr.)

EARWIGS, see DERMAPTERA

EASTERN DOG TICK, see DERMACE-
TOR VARIABILIS (Say)

*EASTERN FIELD WIREWORM, see
LIMONIUS AGONUS (Say)

*EASTERN LARCH BEETLE, see DEN-
DROCTONUS SIMPLEX Lec.

*EASTERN LUBBER GRASSHOPPER, see
ROMALEA MICROPTERA (Beauv.)

*EASTERN RASPBERRY FRUITWORM,
see BYTURUS RUBI Barber

*EASTERN SPRUCE BEETLE, see DEN-
DROCTONUS PICEAPERDA Hopk.

*EASTERN SPRUCE GALL APHID, see
CHERMES ABIETIS L.

*EASTERN TENT CATERPILLAR, see
MALACOSOMA AMERICANUM (F.)

EBURIA QUADRIGEMINATA (Say)
i Knull, Ohio Biol. Surv. B. 39:191-
192, 1946.

ECHIDNOPHAGA GALLINACEA (Westw.)
(STICKTIGHT FLEA)*
i Bishopp, USDA Leaf. 152 rev., 4 p.,
1946.
Cole, U. S. Pub. Health Rpts. 61:1472-
1475,1477,1479-1481,1483-1484, 1946
i Corrington, Nature Mag. 39,222,
1946.
i Gannon, Ga. Ext. B. 524 rev. 31-32,
1947.
Hawkins, Mich. St. Col. School Vet.
Med. R. 1945:54.
i Hixson & Ward, Okla. Ext. C. 417
12-14, 1945.
Ingram & Jones, La. Ext. C. 258 rev.,
6, 1945.
Kaupp & Surface, Poult. Sanit. & Dis.
Control ed. 3:166-167, 1947.
Lindsale, Cal. Ground Squirrel 298,
300, 1946.
Lippincott & Card, Poult. Parasites
rev.:334-335, 1946.
Meek, Rabbit Raising for Profit 225,
1947.
Rumreich, U. S. Pub. Health Rpts. 60
889,892,897,899-900,902, 1945.
i Seiden, Poult. Handb.,344-345, 1947.
Winter & Funk, Poultry rev. 396,1946.

ECHIDNOPHAGA GALLINACEA - CATS
Fairchild & Fairchild, Cats 121, 1947.
Gay, How to Live with a Cat 134-135,
1946.

ECHIDNOPHAGA GALLINACEA - HOSTS
Pemberton, Hawaiian Acad. Sci. P. 16
14, 1945. (Abs.)

ECHIDNOPHAGA GALLINACEA - IN-
SECTICIDES
b Roark, USDA EPQ E-654.3, 1945.

ECHIDNOPHAGA GALLINACEA - IN-
SECTICIDES - DDT
Dove, USDA EPQ E-673 14, 1945.
Eads, J. Ec. Ent. 39:659-660, 1946.
Gouck, J. Ec. Ent. 39:410-411, 1946.
Ludwig & Page, U. S. Pub. Health
Rpts. 62:78,82-83, 1947.
Telford & Guthrie, Agr. Chem. 1(3):
54, 1946.

ECHIDNOPHAGA GALLINACEA - RATS
Randolph & Eads, J. Ec. Ent. 39:538-
539, 1946.

ECHIDNOPHAGA GALLINACEA - REAR-
ING
Linduska & Cochran, J. Ec. Ent. 39:
544-545, 1946.

ECHIDNOPHAGA GALLINACEA - SUR-
VEYS
Cole & Koepke, U. S. Pub. Health
Rpts. Sup. 202:6-7,28-29,32,35-36,
38-40,44-47,49-51,53-58,62-63,65-
71, 1947.

ECHIDNOPHAGA GALLINACEA & PLAGUE

Macchiavello, Amer. J. Pub. Health 38: 851-852, 1946.

ECHIDNOPHAGA GALLINACEA & TYPHUS, MURINE

Davis, U. S. Pub. Health Rpts. 62:455, 1947.

Doty, Hawaiian Planters' Rec. 49.98, 1945.

Hill & Ingraham, U. S. Pub. Health Rpts. 62:880, 1947.

Van Zwailenburg, Plantation Health 10(1).27, 1946.

ECHINICERYA ANOMALA Morr.

1 Hugher-Schrader, J. Morph. 78:44-83, 1946.

ECHINOLAEALAPS ECHIDNINUS (Berl.)

Cole, U. S. Pub. Health Rpts. 61:1472-1473, 1947.

Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202.30,33,35-36,38-40,44,50,62-63,66-70, 1947.

Rumreich, U. S. Pub. Health Rpts. 60. 890,892, 1945.

ECHINOLAEALAPS ECHIDNINUS - INSECTICIDES - DDT

Ludwig & Page, U. S. Pub. Health Rpts. 62.78,83, 1947.

ECHINOLAEALAPS ECHIDNINUS & SCRUB TYPHUS

Blake et al., Amer. J. Hyg. 41:299, 1945.

ECHINOLAEALAPS ECHIDNINUS & TYPHUS, ENDEMIC

Hill & Ingraham, U. S. Pub. Health Rpts. 62.880, 1947.

b Rumreich & Koepke, U. S. Pub. Health Rpts. 60:1421, 1945.

ECITON Latr. - MIGRATION

b Schneirla, Biol. B. 88:166-193, 1945.

ECITON - WEATHER

b Schneirla, Amer. Mus. Nov. 1336, 20 p., 1947.

ECITON sp.

Fautin, Ecol. Monog. 16:265, 1946.

ECLYTUS Holmg.

Reeks, Can. Ins. Pest Rev. 24:26, 1946.

ECLYTUS sp.

Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:9, 1946.

ECLYTUS ORNATUS Holmg.

Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:9, 1947.

ECOLOGY, see INSECTS - ECOLOGY

ECONOMIC POISONS, see POISONS - ECONOMIC

ECPANTHERIA ICASIA (Cram.)

1 Martorell, P. R. Univ. J. Agr. 29: 490,502-503, 1945.

ECTATOMMA RUVIDUM (Roger)

1 Weber, Ent. Soc. Wash. P. 48:1-16, 1946.

ECTATOMMA TUBERCULATUM (Oliv.)

1 Weber, Ent. Soc. Wash. P. 48:1-16, 1946.

ECTEMNIUS Dahlb.

n Pate, Not. Nat. No. 171,14 p., 1946.

ECTOCEMUS DECEMMACULATUS

Montr. - GENTILIA - MALE

1 Bruhn, Great Basin Nat. 8:10, 1947.

ECTOPARASITES, see also FLEAS; LICE, MITES; TICKS

ECTOPARASITES - DELAWARE

MacCreary, J. Ec. Ent. 38:126-127, 1945.

ECTOPARASITES - HOST ERADICATION

Caroline, Ind. Acad. Sci. P. 56:146, 1947? (Abs.)

ECTOPARASITES - RODENTS

Davis, U. S. Pub. Health Rpts. 60:486-489, 1945.

Ludwig & Page, U. S. Pub. Health Rpts. 62 77-84, 1947.

b Morlan, J. Ec. Ent. 40:917-918, 1947.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45.94.

Randolph & Eads, J. Ec. Ent. 39:538-539, 1946.

b Rumreich, U. S. Pub. Health Rpts. 60:885-905, 1945.

Wilson, J. Mammal. 26.200, 1945.

U. S. Pub. Health Rpts. 62:431-433, 1947.

ECTOPARASITES - RODENTS - ALABAMA

b Cole, U. S. Pub. Health Rpts. 61. 1469-1487, 1946.

b Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:61-71, 1947.

Hill & Ingraham, U. S. Pub. Health Rpts. 62 880-881, 1947.

ECTOPARASITES - RODENTS - CALIFORNIA

Linsdale, Cal. Ground Squirrel:270-279,289-302, 1946.

ECTOPARASITES - RODENTS - GEORGIA

b Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:42-59, 1947.

ECTOPARASITES - RODENTS - HAWAII

b Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:25-41, 1947.

ECTOPARASITES - RODENTS - POPULATIONS

b Rumreich & Koepke, U. S. Pub. Health Rpts. 60:1421-1428, 1945.

ECTOPARASITES - RODENTS - PUERTO RICO

ni Fox, Ent. Soc. Amer. Ann. 40:598-603, 1947.

ECTOPARASITES - SHREWS

Enns, Ent. News 58:212, 1947.

ECTOPARASITES - SURVEYS

b Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202,71 p., 1947.

ECTOPARASITES - TEXAS

b Randolph & Eads, Ent. Soc. Amer. Ann. 39:597-601, 1946.

ECTOPARASITES & WEATHER

Rumreich, U. S. Pub. Health Rpts. 60: 898-900, 1945.

ECTROMA AMERICANUM How., see ECTROMATOPSIS AMERICANA (How.)

ECTROMATOPSIS Comp.

ni Compere, Cal. Univ. Pub. Ent. 8:13-15, 1947.

ECTROMATOPSIS AMERICANA (How.)

1 Compere, Cal. Univ. Pub. Ent. 13-15, 1947.

- ECTROMATOPSIS AMERICANA - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:79-80, 1947.
- ECYRUS DASYCERUS (Say)
i Knull, Ohio Biol. Surv. B. 39:259-260, 1946.
- EDROTES Lec. - SYNOPSIS
bnk La Rivers, Ent. Soc. Amer. Ann. 40:318-328, 1947.
- *EGGPLANT FLEA BEETLE, see EPI-TRIX FUSCULA Crotch
- EGGPLANT INSECTS
Annand, USDA EPQ R. f. 1944/45.30, 1946.
Owens et al., J. Ec. Ent. 40:423-424, 1947.
i Parks & King, Ohio Ext. B. 76 rev.: 22, 1947.
Wene, J. Ec. Ent. 40 676, 1947.
- *EGGPLANT LACEBUG, see GARGA-PHIA SOLANI Heid.
- *EGGPLANT LEAF MINER, see KEI-FERIA GLOCHINELLA (Zell.)
- EGIUS PLATYCEPHALUS Muls.
Bartlett, P. R. (Mayagüez) R. f. 1944. 28, 1945.
- EIDMANNELLA PUSTULOSA (Nitz.) - NORTH AMERICA
i Emerson, Can. Ent. 79:137-138, 1947.
- *EIGHT-SPOTTED FORESTER, see ALYPIA OCTOMACULATA (F.)
- ELACHERTUS AENEONIGER (Gir.)
Baker & Doucet, Wash. B. 470.149, 1945.
- ELAPHIDION INCERTUM Newm.
Knull, Ohio Biol. Surv. B. 39:195, 1946.
- ELAPHIDION IRRORATUM (L.)
Knull, Ohio Biol. Surv. B. 39:194, 1946.
Martorell, P. R. Univ. J. Agr. 29:438, 1945.
- ELAPHIDION MUCRONATUM (Say)
Knull, Ohio Biol. Surv. B. 39:194-195, 1946.
- ELAPHIDION NANUM (F.)
Martorell, P. R. Univ. J. Agr. 29:438, 1945.
- ELAPHIDION PARALLELUM Newm., E. PUMILUM Newm.
Knull, Ohio Biol. Surv. B. 39:196, 1946.
- ELAPHIDION SPINICORNE (Drury), E. TOMENTOSUM Chev.
Martorell, P. R. Univ. J. Agr. 29:438, 1945.
- ELAPHIDION VILLOSUM (F.) (TWIG PRUNER)*
i Boyd, N. J. Dept. Agr. C. 355:119-120, 1945.
Knull, Ohio Biol. Surv. B. 39:195-196, 1946.
Patterson & Neary, Can. Ins. Pest Rev. 24:17, 1946.
- ELAPHRIA NUCICOLORA (Guen.)
Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46:23, 1947.
b Swezey, Hawaiian Ent. Soc. P. 13: 99-100, 1947.
- ELAPHROTHRIPS FLAVIPES Hood
Watson, Fla. Ent. 28:33, 1945.
- ELASMOPLPUS LIGNOSELLUS (Zell.) (LESSER CORNSTALK BORER)*
Annand, USDA EPQ R. f. 1944/45:32.
i Bissell & Dupree, Ga. B. 254:7-8, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.
i Lincoln & Miner, Ark. Ext. C. 437: 10-11, 1945.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:536,538, 1946.
Stuckey, Ga. R. 57:63-64, 1945, 58: 82-84, 1946.
i Vorhies & Wehrle, Ariz. B. 203:33-34, 1946.
- ELATERIDAE
bik Dietrich, N. Y. (C.) Mem. 269, 79 p., 1945.
Severin, S. Dak. R. 58:34, 1945, 59: 17-18, 1946; 60:18, 1947.
- ELATERIDAE, see also WIREWORMS
- ELATERIDAE - LARVAE - IDENTIFI-CATION
bik Jewett, Ky. B. 489,40 p., 1946.
- ELATERIDAE - PREDATORS
Knowlton, J. Ec. Ent. 38:707, 1945.
- *ELDER SHOOT BORER, see ACHATODES ZEAE (Harr.)
- ELDERBERRY INSECTS
Juddins, Ohio Bimo. B. 30:188, 1945.
- ELECTRICITY & INSECTS
bi Ramirez L., Mex. Esc. Nac. Cien. Biol. An. 4:383-385, 1947.
bi Roeder et al., J. Neurophysiol. 10: 1-5, 1947.
Symons, Water Works & Sewerage 92: 289-290, 1945.
- ELECTRICITY & INSECTS, see also TRAPS FOR INSECTS - ELECTRIC
- ELECTRICITY & INSECTS - HIGH-FREQUENCY FIELDS
bi Webber et al., J. Ec. Ent. 39:487-498, 1946.
- ELEODES Esch.
Dean et al., Kans. Ent. Soc. J. 18:95, 1945.
Holdaway et al., Hawaii R. f. 1942/44: 63, 1945.
Smith et al., Kans. Ent. Soc. J. 19:47, 1946; 20:52,58, 1947.
- ELEODES sp.
Carr, Desert Parade:65, 1947.
- ELEODES EXTRICATA (Say)
Fautin, Ecol. Monog. 16:269, 1946.
- ELEODES HIRSUTA Lec.
Fautin, Ecol. Monog. 16:265,269, 1946.
- ELEODES HISPILABRIS (Say)
Fautin, Ecol. Monog. 16:265,267,269, 1946.
- ELEODES LONGICOLLIS Lec.
Fautin, Ecol. Monog. 16:267, 1946.
- ELEODES NIGRINA Lec.
Fautin, Ecol. Monog. 16:269, 1946.
- ELEODES OBSCURA (Say)
Fautin, Ecol. Monog. 16:265,267,269-270,274, 1946.
- ELEODES PILOSA Horn
Fautin, Ecol. Monog. 16:269-270, 1946.

- ELLOPIA FISCELLARIA LUGUBROSA
Hulst, *see* LAMBDA FISCELLARIA LUGUBROSA (Hulst)
- ELLOPIA SOMNIARIA Hulst, *see* LAMBDA FISCELLARIA SOMNIARIA (Hulst)
- ELM BARK BEETLES - COLLECTION & PRESERVATION
Parker et al., N. Y. (C.) M. 275 11-16, 1947.
- ELM BARK BEETLES - CONTROL - LOG TREATMENT
nl Connola et al., N. Y. (C.) B. 841, 43 p., 1947.
- ELM BARK BEETLES - SPRAYS - DDT
Annand, USDA EPQ R. f. 1946/47 15.
Douglass, Mo. St. Dept. Agr. Bien. R. f. 1945/47 41.
Rex, For. Leaves 37(3/4) 7-8, 1947.
- ELM BARK BEETLES & DUTCH ELM DISEASE
McKenzie & Osmun, Mass. B. 436 17-19, 1946.
USDA EPQ Seasonal Leaf., What to Do About Dutch Elm Dis., 6 p., 1947.
- *ELM BORER, *see* SAPERDA TRIDENTATA Oliv.
- *ELM CALLIGRAPH, *see* CALLIGRAPHIA SCALARIS (Lec.)
- *ELM CASEBEARER, *see* COLEOPHORA LIMOSIPENNELLA (Dup.)
- ELM INSECTS - SPRAYS - DDT
Annand, USDA EPQ R. f. 1946/47 15.
Rex, Shade Tree 20(2) 1-3; (4) 4, 1947.
- ELM INSECTS & DEFOLIATION
b Wallace, Conn. B. 488 358-373, 1945.
- ELM INSECTS & PHLOEM NECROSIS
Annand, USDA EPQ R. f. 1944/45 15.
- *ELM LACE BUG, *see* CORYTHUCHA ULMI Osb. & Drake
- *ELM LEAF APHID, *see* MYZOCALLIS ULMIFOLI (Monell)
- *ELM LEAF BEETLE, *see* GALERUCELLA XANTHOMELAENA (Schr.)
- *ELM LEAF MINER, *see* FENUSA ULMI Sund.
- *ELM SAWFLY, *see* CIMBEX AMERICANA Leach
- ELM SEED WING MIDGE
Smith et al., Kans. Ent. Soc. J. 1947, 1946.
- *ELM SPANWORM, *see* ENNOMOS SUBSIGNARIUS (Hbn.)
- *ELONGATE FLEA BEETLE, *see* SYSTENA ELONGATA (F.)
- ELYTROLEPTUS FLORIDANUS (Lec.)
i Knull, Ohio Biol. Surv. B. 39:228, 1946.
- EMBOLOECIA SAUZALITAE (Grote)
Keifer, Cal. Dept. Agr. B. 34:188, 1945.
- EMBOLOECIA SAUZALITAE PAPAPEMOIDES Barnes & Benj.
i Doucette, J. Ec. Ent. 40:918, 1947.
- EMPHANOPTERYX AURIFACIES (Walt.), *see* CRYPTOEIGENIA AURIFACIES Walt.
- EMPOR BOMBIFORMIS (Cress.) - HABITS & BEHAVIOR
Michener, Amer. Mid. Nat. 38:451-453, 1947.
- EMPIDIDEICUS Becker - AMERICA
nlk Melander Ent. Soc. Amer. Ann. 39: 454-458, 1946.
- EMPIDIDAE
n Melander, Psyche 52:79-87, 1945.
- EMPIMORPHA GENEATIS Meland. - BALLOONS
b Kessel & Karabinos, Pan-Pac. Ent. 23.181-192, 1947.
- EMPOASCA Walsh - GUAYULE
Romney, J. Ec. Ent. 39:671, 1946.
- EMPOASCA sp. & YELLOW WILT OF SUGAR BEET
Bennett & Munck, J. Agr. Res. 73 57-59, 1946.
- EMPOASCA ABRUPTA DeLong
Flock, Ariz. St. Ent. R. f. 1944 16, 1945.
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944 22, 1945.
- EMPOASCA FABAE (Harr.) (POTATO LEAFHOPPER)* (BEAN LEAF-HOPPER, U. S.)
Bissell & Dupree, Ga. B. 254 8, 17, 1947.
Chupp & Letby, N. Y. (C.) Ext. B. 206 rev. 27, 1947.
Davis, Ind. Acad. Sci. P. 56 149, 1947?
Dewey, N. Y. St. Hort. Soc. P. 92 58, 1947.
Drake, Iowa Dept. Agr. YB 47 135-137, 147, 149, 151-152, 1947.
Gould, Ind. R. 58.55, 1945, 59 20-21, 1946.
Graham et al., Md. Ext. B. 105-9, 1945.
Kulash, N. C. Res. & Farm. 3 (Prog. Rpt. 2) 10, 12, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945/46 16
Lincoln & Miner, Ark. Ext. C. 437 19, 1945.
Parker et al., Man. for Cit. Grow. ed. 3:51, 1947.
Pepper, N. J. B. 718.38, 1945.
Smith et al., Kans. Ent. Soc. J. 19:49, 1946.
i Tate & Hill, Neb. Ext. C. 1529.5 p., 1945.
i Werner, Neb. B. 384:77-78, 82, 1947.
White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944 10, 1945; in 1945:12, 1946.
Wylie, Fla. St. Hort. Soc. P. 59.91, 1946.
Wylie, Fla. R. f. 1946/47-203.
Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Ser. 4:77, 1947.
- EMPOASCA FABAE - AEROSOLS - DDT
b Goodhue et al., J. Ec. Ent. 38:181, 1945.
- EMPOASCA FABAE - CANADA
Bird & Mitchener, Can. Ins. Pest Rev. 24:70, 1946.
Bird et al., Can. Ins. Pest Rev. 25: 10-11, 1947.
Cannon, Can. Ins. Pest Rev. 24:9, 1946
Gardiner, Can. Min. Agr. R. f. 1945/46: 65-66; f. 1946/47:80, 85.

EMPOASCA FABAE - CANADA--Continued.

- Gauthier, Can. Ins. Pest Rev. 24:31, 1946.
Hammond, Can. Ins. Pest Rev. 25:40, 1947.
Ross, Can. Ins. Pest Rev. 24:48, 1946.
Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 64:2, 1947.
Thompson, Can. Ins. Pest Rev. 24:38, 1946.
Wressell, Can. Ins. Pest Rev. 24:55, 1946.

EMPOASCA FABAE - CONTROL - PLANT HORMONES

- Fisher et al., Wis. B. 469:31-32, 1946.
EMPOASCA FABAE - COTTON
Brett et al., Okla. TB-24:26-28, 1946.
EMPOASCA FABAE - CUBA
Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:10-11, 1946.
Martínez Andreu, Cuba Min. Agr. Rev. 29(3):64, 1946.
Osorio, B. Inform. Agr. Gobierno Prov. Las Villas 17(130):9, 1945.
Osorio, Control de Plagas 8 [i.e. 7]. 73,75, 1945; 8:123,125, 1946.

EMPOASCA FABAE - DUSTS

- Allen et al., J. Ec. Ent. 38:390, 1945.
Bruce & Tauber, J. Ec. Ent. 38:439-440, 1945.
Drake & Tauber, Iowa R. f. 1944/45 pt. 1:248.
Drake et al., Iowa R. f. 1945/46 pt. 1:226-227.
Fisher & Allen, J. Ec. Ent. 38:392-393, 1945.
Gyrisko, J. Ec. Ent. 39:262-263, 1946.
Hill, Neb. R. 58:53, 1945.
Kelsheimer, Fla. R. f. 1944/45:119; f. 1945/46:113.
Marcovitch & Stanley, Tenn. R. 58:111, 1946.
Sun, N. Y. St. Col. Agr. Dept. Ent. 1:49-50,52,73-75, 1946.
Trullinger et al., USDA OES R. f. 1945/46:105,111-112, 1947.

EMPOASCA FABAE - DUSTS - DDT

- Gui, Ohio B. 673:47, 1947.
Linn et al., Ill. Veg. Grow. B. 6(3):6-9,12-16, 1946.
Minnum, Fla. R. f. 1944/45:215.
Tate et al., Neb. R. 58:59-60, 1945.

EMPOASCA FABAE - DUSTS - EFFECT ON YIELD

- Schwardt et al., J. Ec. Ent. 40:364-365, 1947.

EMPOASCA FABAE - INSECTICIDES

- Annand, USDA EPQ R. f. 1944/45:12; f. 1946/47:9.
Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:13, 1945.
Clark & Hoveland, Wis. B. 472:8-10, 14, 1947.
Hayslip, Fla. R. f. 1944/45:195.
Hill, Neb. Res. B. 138:3-6,11-13, 1945.
Krone et al., Mich. Ext. B. 4 rev.:82, 1945.
Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:8, 1945.
List & Edmundson, Amer. Potato J. 23:348,350-352, 1946.

EMPOASCA FABAE - INSECTICIDES--Continued.

- Medler & Scholl, J. Ec. Ent. 40:580-581, 1947.
Morofsky & Muncie, Amer. Potato J. 24:162-166, 1947.
Muncie & Morofsky, Mich. TB 204, 23 p., 1947.
Neely, Amer. Potato J. 23:136-137, 1946.
Petty, Ill. Veg. Grow. B. 5(3, i.e. 4) 11-12, 1945.
Poos, J. Ec. Ent. 38:197-199, 1945.
b Poos et al., J. Ec. Ent. 40:900,903-905, 1947.
Roark, USDA EPQ E-721:8, 1947.
Slate, Conn. R. f. 1945/46:8.
Sleesman & Wilson, Veg. Grow. Assoc. Amer. Inc. R. 37:183-185,189, 1945.
Sleesman et al., Amer. Potato J. 22 242-250, 1945.
Turner, Conn. B. 488.350,352-353, 356, 1945.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31.193-208, 1946.

EMPOASCA FABAE - INSECTICIDES - DDT

- Daniels, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.53-54, 1947.
Gould, Ind. R. 60:70, 1947.
Gyrisko, et al., J. Ec. Ent. 38:169-173, 1945.
Hawkins et al., Maine B. 449:295, 1947.
Hovey, East. States Coop. 22(2):12, 1946.
Hutson, Mich. Potato Grow. Exch. 26 (7):2, 1946.
i Lathrop et al., Maine Ext. B. 353:11, 1947.
Linn, Ill. Veg. Grow. B. 7(2):7,10-14, 1947.
Packard, USDA EPQ E-640:4, 1945.
Rawlins, Amer. Potato J. 23 141-142, 1946.
Sleesman & Wilson, Amer. Potato J. 23:143-146, 1946.
Thompson, Ent. Soc. Ont. R. 76:22-26, 1946.
i Thompson, Ont. Crop Impr. Assoc. Potato Sect. Addresses & P. f. 1946. 67-70.
Turner, Conn. Veg. Grow. Assoc. P. 35:57, 1947.
White, USDA EPQ E-642:3-4, 1945; E-692:5, 1946.
EMPOASCA FABAE - INSECTICIDES - DDT MIXTURES
Allen & Chapman, Wis. B. 469:38, 1946.
EMPOASCA FABAE - INSECTICIDES - SPECIFIC GRAVITY
b Apple & Arnold, Amer. Potato J. 22:339-343, 1945.
EMPOASCA FABAE - PLUMS
Gardner, Mich. R. 59 in Mich. St. Bd. Agr. R. 85:266-267, 1947.
i Merrill, Amer. Soc. Hort. Sci. P. 47:91-92, 1946.

- EMPOASCA FABAE - PLUMS--Continued.
Trullinger et al., USDA OES R. f.
1945/46:108-109, 1947.
- EMPOASCA FABAE - POPULATIONS -
EFFECT ON YIELD
b Wolfenbarger & Heuberger, Amer.
Potato J. 23:389-395, 1946.
- EMPOASCA FABAE - RESISTANT AL-
FALFA
b Ham & Tysdal, Amer. Soc. Agron. J.
38:68-74, 1946.
Tysdal, USDA YB f. 1943/47 437.
- EMPOASCA FABAE (Harr.) - RESIST-
ANT BEANS
Gates, Neb. R. 58:61, 1945.
Gul, Ohio B. 659:112, 1945.
- EMPOASCA FABAE - RESISTANT PO-
TATOES
Brasher et al., Del. B. 259:24, 1945.
i Gardner et al., Amer. Potato J. 22
97-103, 1945.
Sleesman & Bushnell, Ohio B. 659.
114-115, 1945.
- EMPOASCA FABAE - SPRAYS
Berkeley et al., Amer. Potato J. 23:
288, 1946.
b Ellis, Soil Sci. Soc. P. 9:131-132,
1945.
Fox & Perron, Ent. Soc. Ont. R. 76
27-31, 1946.
Parker & Beachler, Del. B. 264:20-21,
25, 1947.
Rawlins et al., N. Y. (C) R. 58:120,
1946.
Reeks, Ont. Agr. Col. & Expt. Farm
R. 71:27,73-74, 1946.
Sleesman, Veg. Grow. Assoc. Amer.
Inc. R. 39:116-117,123, 1947.
Sleesman & Wilson, Ohio Veg. & Po-
tato Grow. Assoc. P. 31:182-185,
188-189, 1946; 32:125-126,131, 1947.
Sleesman et al., Ohio Veg. & Potato
Grow. Assoc. P. 30:140-147, 1945.
Stearns et al., J. Ec. Ent. 40:82-83,
1947.
Wylie & Wilson, Fla. R. f. 1946/47.
181.
Zappe et al., Conn. B. 501:44-45, 1946.
- EMPOASCA FABAE - SPRAYS - DDT
Bourne, Mass. B. 441:36, 1947.
Heuberger, Peninsula Hort. Soc.
Trans. 59:36-37,41, 1946.
Heuberger & Stearns, J. Ec. Ent. 39:
267-268, 1946.
Howard & Rich, R. I. Misc. Pub. 29:5,
1946.
Kelsheimer, Fla. St. Hort. Soc. P. 59:
117-120, 1946.
Kido & Allen, Agr. Chem. 2(6):22,67,
1947.
Wilson & Sleesman, Ohio Bimo. B. 30
(232):28-30, 1945.
Woodruff & Turner, Conn. B. 512:60-
67, 1946.
Conn. Agr. Expt. Sta., Conn. Veg.
Grow. Assoc. P. 34:95-98, 1946.
- EMPOASCA FABAE - SPRAYS - DDT &
COPPER (FIXED)
b Wilson & Sleesman, Amer. Potato J.
24:260-266, 1947.
- EMPOASCA FABAE - SPRAYS - DDT &
FUNGICIDES
Heuberger & Manns, Del. B. 263:42,
1947.
- EMPOASCA FABAE - SPRAYS - DDT &
OIL
Wilson, Fla. R. f. 1945/46:189.
- EMPOASCA FABAE - SPRAYS - DDT
(WETTABLE)
i Dustan & Putman, Can. Ent. 79:216-
221, 1947.
- EMPOASCA FABAE & ALFALFA YEL-
LOWS
Ham & Sandstedt, Neb. R. 58:48-49,
1945.
- EMPOASCA FABAE & HOPPERBURN
Rice et al., Del. B. 259:22, 1945.
- EMPOASCA FABAE & PURPLE-TOP
WILT OF POTATOES
bi Leach & Bishop, W. Va. B. 326:17,
30-31, 1946.
- EMPOASCA FABAE & VIRUS DISEASE
OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:582,
599, 1946.
- EMPOASCA FABALIS DeLong
Martorell, P. R. Univ. J. Agr. 29:372,
1945.
- EMPOASCA FACIALIS Jac.
Steyaert, Sci. Month. 63:275, 1946.
- EMPOASCA FILAMENTA DeLong (IN-
TERMOUNTAIN POTATO LEAF-
HOPPER)
i Shull & Manis, Ida. Ext. B. 150:6-7,
1945.
- EMPOASCA MALIGNA (Walsh) (APPLE
LEAFHOPPER)*
Bromley, J. Ec. Ent. 40:239, 1947.
Cannon, Can. Ins. Pest Rev. 24:12,
1946, 25:86, 1947.
Cleveland, West. Colo. Hort. Soc.
Trans. f. 1944:37, 1945.
Graham et al., Md. Ext. B. 105:9,
1945.
Marshall, Can. Ins. Pest Rev. 25:81,
1947.
Smith et al., Kans. Ent. Soc. J. 19:49,
1946.
Whitcomb et al., Mass. Fruit Grow.
Assoc. R. 52:54, 1946.
N. J. Ext. Spray Calendar 16:7, 1946.
- EMPOASCA MINUENDA Ball, *see* IDONA
MINUENDA (Ball)
- EMPOASCA NIGRA TYPHLOCYBOIDES
Gill. & Baker
Fautin, Ecol. Monog. 16:273, 1946.
- EMPOASCA PAPAYAE Oman
Acuña & de Zayas, Cuba (Santiago de
las Vegas) C. 85:11, 1946.
- EMPOASCA PAPAYAE & BUNCHY TOP
OF PAPAYA
Adsuar, Science 103:316, 1946.
Sein & Adsuar, Science 106:130, 1947.
- EMPOASCA PAPAYAE & MOSAIC OF
PAPAYA
Roque, P. R. (Rio Piedras) R. f.
1943/44:41, 1946.
- EMPOASCA PAPAYAE & PLANT DIS-
EASE
Adsuar, Control de Plagas 8:89-90, 1946.

- EMPOASCA SEXMACULATA DeLong,
see IDONA SEXMACULATA
(DeLong)
- EMPOASCA SOLANA DeLong (BEAN
LEAFHOPPER, HAWAII)
Flock, Ariz. St. Ent. R. f. 1944:16,
1945.
Fullaway, Hawaii Bd. Comnrs. Agr. &
For. Bien. R. f. 1943/44:54, 1945.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:16, 20.
- EMPOASCA SOLANA & MOSAIC OF PA-
PAYA
Jensen, Hawaiian Ent. Soc. P. 12:577,
1946.
- ENALLAGMA sp. - PREY
Williams, Hawaiian Ent. Soc. P. 13:
10, 1947.
- ENARMONIA WALSINGHAMII (Butl.)
Swezey, Hawaiian Ent. Soc. P. 12:467,
1946.
- ENCARSIA FORMOSA Gahan
Burnett, Quebec Soc. Protect. Plants
R. 29:84-85, 1945?
Burnett, Anat. Rec. 96:565, 1946.
(Abs.)
Fullaway, Hawaii Bd. Comnrs. Agr. &
For. Bien. R. f. 1943/44:54, 1945.
Gardiner, Can. Min. Agr. R. f.
1944/45:66-67; f. 1945/46:80.
Holdaway et al., Hawaii R. f. 1942/44:
68, 1945.
Manson et al., Can. Ins. Pest Rev. 24:
98, 1946.
- ENCARSIA VERSICOLOR Gir.
Fullaway, Hawaii Bd. Comnrs. Agr. &
For. Bien. R. f. 1943/44:54, 1945.
- ENCEPHALITIS, see under genera
AEDES; ANOPHELES; ARGAS;
CULEX; CULISETA; DERMACEN-
TOR; DERMANYSSUS; LIPONIS-
SUS; and MITES & ANIMAL DIS-
EASE - ENCEPHALITIS; MITES
and DISEASE - ENCEPHALITIS;
MOSQUITOES & DISEASE - EN-
CEPHALITIS
- ENCEPHALITIS GROUP, see under gen-
era AEDES; ARGAS, CULEX;
CULISETA; DERMANYSSUS;
HAEMAPHALIS; ORNITHODOROS;
and ARTHROPODA & DISEASE - EN-
CEPHALITIS GROUP; INSECTS &
DISEASE - ENCEPHALITIS GROUP;
MOSQUITOES & DISEASE - EN-
CEPHALITIS GROUP
- ENCEPHALOMYELITIS, see under gen-
era ARGAS; CULEX; CULISETA,
TRIATOMA; and INSECTS & DIS-
EASE - ENCEPHALOMYELITIS
- ENCEPHALOMYELITIS, EQUINE, see un-
der genera AEDES; ANOPHELES;
ARGAS; ARMIGERES; CULEX;
CULISETA; DERMACENTOR;
DERMANYSSUS; LIPONISSUS;
MANSONIA; and INSECTS & ANI-
MAL DISEASE - ENCEPHALOMY-
ELITIS, EQUINE; MOSQUITOES &
ANIMAL DISEASE - ENCEPHALO-
MYELITIS, EQUINE; MOSQUI-
TOES & DISEASE - ENCEPHALO-
MYELITIS, EQUINE
- ENCHENOPA PERMUTATA Van D.
Fautin, Ecol. Monog. 16:269, 1946.
- ENCOPTOLOPHUS PALLIDUS Brun.
Romney, J. Ec. Ent. 39:671, 1946.
- ENCOPTOLOPHUS SORDIDUS Burm.
Hammond, Can. Ins. Pest Rev. 25:8,
1947.
- ENCOSTERNUM DELEGORGUEI Spin. -
VENOM
Hoffmann, Ent. Soc. Wash. P. 49:142-
143, 1947. (Abs.)
- ENCOSTERNUM DELEGORGUEI AS
FOOD OF MAN
Hoffmann, Ent. Soc. Wash. 49:237,
1947.
- ENCYCLOPS COERULEA (Say)
i Knoll, Ohio Biol. Surv. B. 39:170-
171, 1946.
- ENCYRTIDAE - RESPIRATION - EGGS &
LARVAE
bi Maple, Cal. Univ. Pub. Ent. 8:25-
122, 1947.
- ENCYRTIDAE - TAXONOMY
bnik Compere, Cal. Univ. Pub. Ent. 8:
1-23, 1947.
- ENCYRTUS BARBATUS Timb. - EGGS &
LARVAE
Maple, Cal. Univ. Pub. Ent. 8:80-82,
1947.
- ENCYRTUS FULIGINOSUS Comp. -
EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 82-85,
1947.
- ENCYRTUS INFELIX (Embltn.) - EGGS &
LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:83,86-
87, 1947.
- ENCYRTUS INFIDUS (Rossi) - EGGS &
LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:84,87-
88, 1947.
- ENCYRTUS SASAKII Ishii - EGGS &
LARVAE
Maple, Cal. Univ. Pub. Ent. 8:88, 1947.
- ENDASYS SUBCLAVATUS (Say)
Girth & McCoy, N. Y. Ent. Soc. J. 54:
320, 1946.
- Jaynes & Marucci, J. Ec. Ent. 40:11,
1947.
- Weiss, N. J. Dept. Agr. R. 31:147, 1946.
- ENDELOMYIA AETHIOPS (F.) (ROSE-
SLUG)* (ROSE SAWFLY)
Gauthier, Can. Ins. Pest Rev. 24:33,
1946.
- i Lecker, Ind. Ext. B. 239 rev.:10-11,
1947.
- Smith et al., Kans. Ent. Soc. J. 20:55,
58, 1947.
- Stirrett, Can. Ins. Pest Rev. 25:109,
1947.
- Wildon, Mich. Sp. B. 222 rev.:20, 1946.
- Wressell, Can. Ins. Pest Rev. 24:60,
1946.
- ENDERLEINELLUS SUTURALIS (Osb.)
Linsdale, Cal. Ground Squirrel:289-
293, 1946.
- ENDOTHENIA HEBESANA (Wlkr.) (VER-
BENA BUD MOTH)* (IRIS SEED-
POD TORTRICID)
Satterthwait & Swain, J. Ec. Ent. 39:
578, 1946.

- ENDROSIS SARCITRELLA (L.) (WHITE-SHOULDERED HOUSE MOTH)
Linsley, Pests 14(7) 12,14,16, 1946.
- ENGELMANN SPRUCE BEETLE, *see* DENDROCTONUS ENGELMANNI Hopk.
- ENGELMANN SPRUCE WEEVIL, *see* PISSODES ENGELMANNI Hopk.
- *ENGLISH GRAIN APHID, *see* MACROSIPHUM GRANARIUM (Kby.)
- ENGLISH SHEEP FLY, *see* PHAENICIA SERICATA (Meig.)
- ENGYTATUS GENICULATUS Reut., *see* CYRTOPELTIS VARIANS (Dist.)
- ENICOCEPHALIDAE - TAXONOMY
bnk Usinger, Ent. Soc. Amer. Ann. 38.321-342, 1945.
Usinger, Ent. Soc. Amer. Ann. 39 170, 1946.
- ENICOSPILUS MERDARIUS (Grav.)
Annand, USDA EPQ R. f. 1945/46 22, 1947.
- ENICOSPILUS PURGATUS (Say)
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 549, 1946.
Walton & Packard, USDA FB 1850 rev. 8, 1947.
- ENNEARTHON THORACICORNE Zieg.
Frost, Psyche 54 180, 1947.
- ENNOMINAE - PUPAE
k Forbes, N. Y. Ent. Soc. J. 53 177-210, 1945.
- ENNOMOS SUBSIGNARIUS (Hbn.) (ELM SPANWORM)*
i Boyd, N. J. Dept. Agr. C. 355 35-36, 1945.
- ENOCLERUS SPHEGEUS (F.)
Hopping, Can. Ent. 79 152-153, 1947.
- ENTOLETER, *see* MILL INSECTS - ENTOLETER, STORED PRODUCTS - ENTOLETER
- ENTOMOGENOUS FUNGI
Bohart, Hilgardia 17 290, 1947.
Fisher, Fla. R. f. 1946/47 162.
i Hutchison, Sci. Month. 63 169, 1946.
Osorio, Control de Plagas 8 60-61, 1946.
Plank, Asoc. Téc. Azuc. Cuba B. Ofic. 4 355-356, 1945.
Smith, Fitófilo 4 100-101, 1945.
i Smith, Nature Mag. 40.355, 1947.
Watson, Fla. Grow. 54(1) 14-15, 1946.
Wylie, Fla. St. Hort. Soc. P. 59.89, 1946.
- ENTOMOGENOUS FUNGI - ASCHERSONIA
Tissot, Clt. Indus. 28(1).17, 1947.
- ENTOMOGENOUS FUNGI - ASPERGILLUS (FLAVUS-ORYZAE GROUP)
b Boyce & Fawcett, J. Ec. Ent. 40.702-705, 1947.
- ENTOMOGENOUS FUNGI - ASPERGILLUS FLAVUS
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:546-547, 1946.
- ENTOMOGENOUS FUNGI - BEAUVERIA sp.
Connola et al., N. Y. (C.) B. 841:35, 1947.
- ENTOMOGENOUS FUNGI - BEAUVERIA BASSIANA
Bird, Can. Ent. 79.8, 1947.
Jaynes & Marucci, J. Ec. Ent. 40 23-25, 1947.
McCoy, N. Y. Ent. Soc. J. 53 238, 1945.
Steyaert, Sci. Month. 63 276-277, 1946.
Weiss, N. J. Dept. Agr. R. 30 193, 1945, 31 146,151-152, 1946, 32 161-162, 1947.
- ENTOMOGENOUS FUNGI - BEAUVERIA GLOBULIFERA
Dean, Kans. C. 234 6-7, 1946.
Hetrick, J. Ec. Ent. 39 405, 1946.
Hetrick, Va. B. 409 20,22, 1947.
Trullinger et al., USDA OES R. f. 1945/46.106, 1947.
- ENTOMOGENOUS FUNGI - COELOMOMYCES
bi Couch, Elisha Mitchell Sci. Soc. J. 61 124-136, 1945.
bi Couch & Dodge, Elisha Mitchell Sci. Soc. J. 63 69-79, 1947.
- ENTOMOGENOUS FUNGI - CORDYCEPS
Hoffmann, Ent. Soc. Wash. P. 49 234, 1947.
Scaramuzza et al., Asoc. Téc. Azuc. Cuba P. 21 5, 1947.
Schwardt & Pendelton, N. Y. (C) R. 57 121, 1945, 58 118, 1946.
- ENTOMOGENOUS FUNGI - CORDYCEPS BARBERI Giard
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 546, 1946.
- ENTOMOGENOUS FUNGI - EMPUSA APHIDIS
Simpson & Shands, Maine B. 438 521-522, 1945.
- ENTOMOGENOUS FUNGI - FUSARIUM SCIRPI ACUMINATUM
Bird, Can. Ent. 79 8, 1947.
- ENTOMOGENOUS FUNGI - HIRSUTELLA sp.
i Allison, Wis. B. 469 18-19, 1946.
Bird, Can. Ent. 79 8, 1947.
- ENTOMOGENOUS FUNGI - ISARIA sp.
Jaynes & Marucci, J. Ec. Ent. 40 25, 1947.
i Johnson, Conn. B. 488.410-411, 1945.
- ENTOMOGENOUS FUNGI - ISARIA FARINOSA
Gardner, Can. Min. Agr. R. f. 1946/47:93.
- ENTOMOGENOUS FUNGI - LABOUBENIA FORMICARUM
b Smith, Wash. Ent. Soc. P. 48 29-31, 1946.
- ENTOMOGENOUS FUNGI - METARRHIZIUM ANISOPLIAE
Baker et al., Wash. B. 497.31,61, 1947.
Hetrick, J. Ec. Ent. 39-405, 1946.
Satterthwait & Swain, J. Ec. Ent. 39: 580, 1946.
- ENTOMOGENOUS FUNGI - PENICILLIUM CYCLOPIUM
Baker et al., Wash. B. 497:31,61,1947.
- ENTOMOGENOUS FUNGI - SPICARIA PRASINA
Plank, P. R. (Mayaguez) R. f. 1944-26, 1945.

- ENTOMOGENOUS FUNGI - XYLARIA sp.
1 Mills et al., Mont. B. 425.23, 1945.
- ENTOMOGENOUS FUNGI & COVER CROPS
Watson, Fla. Grow. 55(5).12, 1947.
- ENTOMOLOGICAL LABORATORIES - HENRY R. CARTER MEMORIAL LABORATORY, SAVANNAH, GA.
Simmons, J. Ec. Ent. 39:15-17, 1946.
- ENTOMOLOGICAL LABORATORIES - INSECTICIDES
Essig, J. Ec. Ent. 38.6, 1945.
- ENTOMOLOGICAL LABORATORIES - U. S. BUREAU OF ENTOMOLOGY & PLANT QUARANTINE, ANAHEIM, CALIFORNIA
Bottger, Cal. Fruit & Veg. Rev. 6(9): 116, 1945.
- ENTOMOLOGICAL PERIODICALS
Claassen, Ent. Soc. Amer. Ann. 38 403-411, 1945.
- ENTOMOLOGICAL PERIODICALS - BROOKLYN ENTOMOLOGICAL SOCIETY BULLETIN - EDITORIAL POLICIES
Torre-Bueno, Bklyn. Ent. Soc. B. 41 172, 1946.
- ENTOMOLOGICAL PERIODICALS - CHINA
Gressitt, Ent. Soc. Amer. Ann. 39. 159, 1946.
- ENTOMOLOGICAL PERIODICALS - JOURNAL OF ECONOMIC ENTOMOLOGY
Peairs, J. Ec. Ent. 39.553-554, 1946.
- ENTOMOLOGICAL PERIODICALS - JOURNAL OF ECONOMIC ENTOMOLOGY - EDITORIAL POLICIES
Peairs, J. Ec. Ent. 39:679-681, 1946.
- ENTOMOLOGICAL PERIODICALS - JOURNAL OF ECONOMIC ENTOMOLOGY - INDEXING
Weiss, J. Ec. Ent. 40.756-757, 1947.
- ENTOMOLOGICAL PERIODICALS - JOURNAL OF ECONOMIC ENTOMOLOGY - PUBLICATION
Peairs, J. Ec. Ent. 40:935-936, 1947.
- ENTOMOLOGICAL RESEARCH
Annand, Southeast. Cotton Ins. Control Conf. R. P. 1:5, 1947.
- Bishopp, Southeast. Cotton Ins. Control Conf. R. P. 1:52-54, 1947.
- Bottger, Cal. Fruit & Veg. Rev. 6(9): 116, 1945.
- Bradley, Bklyn. Ent. Soc. B. 40(1):9-10, 1945.
- Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:19-21, 1945.
- 1 Grammer, Hawaiian Planters' Rec. 51:193-228, 1947.
- Osborn, Fragments of Entomol. Hist. Pt. 2:3-13, 1946.
- Smith et al., in Hutchison, Cal. Agr.: 263-265, 1946.
- Thille et al., Cal. Agr. Res. Study Com. R. 1:9,11,19,24,30-31,35,38-39,43,45,47,49,59-60,63,65-66,69,73,75-76, 1946; 2:17-18,28-29,38,41-42,45-46,52,55,57-58,65,71,75,79-80,90-92,101-106, 1947.
- J. Ec. Ent. 38:726-727, 1945.
- ENTOMOLOGICAL RESEARCH - COOPERATION, INTERNATIONAL
Essig, J. Ec. Ent. 38:8, 1945.
- ENTOMOLOGICAL RESEARCH - CRITICISM, CONSTRUCTIVE
Torre-Bueno, Bklyn. Ent. Soc. B. 40 128-129, 1945.
- ENTOMOLOGICAL SERVICES - DIRECTORY
Amer. Assoc. Ec. Ent. East. Branch, Entoma ed. 6.212-224, 1945; ed. 7 282-301, 1947.
- ENTOMOLOGICAL SOCIETIES
Osborn, Fragments of Entomol. Hist. Pt. 2:22-30, 1946.
- ENTOMOLOGICAL SOCIETIES, see also APICULTURAL ASSOCIATIONS, MOSQUITO CONTROL SOCIETIES, PEST CONTROL OPERATORS - SOCIETIES
- ENTOMOLOGICAL SOCIETIES - AGRICULTURAL INSECTICIDE & FUNGICIDE ASSOCIATION - MEETINGS
Agr. Chem. 1(6):15-17, 1946, 2(9) 24-25, (10).24-26,75, 1947.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS
Cory, Science 101 58, 1945.
Lyle, J. Ec. Ent. 39:824-825, 1946.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - COTTON STATES BRANCH - PROCEEDINGS
Creighton, J. Ec. Ent. 38.731-746, 1945; 40 143, 614-615, 1947.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - COTTON STATES BRANCH - PROCEEDINGS - SECOND WAR CONFERENCE
Creighton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:102 p., 1945.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - EASTERN BRANCH - PROCEEDINGS
Driggers et al., J. Ec. Ent. 39:278-280, 1946; 40:285-287, 1947.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - MEETINGS - PROCEEDINGS
Cory et al., J. Ec. Ent. 38:131-146, 1945; 39:101-118, 1946; 40:144-159, 1947.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - NORTH CENTRAL STATES BRANCH - CONSTITUTION & BYLAWS
Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:89-94, 1946.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - NORTH CENTRAL STATES BRANCH - MEETINGS - PROCEEDINGS
Apple, J. Ec. Ent. 40:143; 458-460, 1947.

- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - PACIFIC SLOPE BRANCH - PROCEEDINGS
Campbell et al., J. Ec. Ent. 39:686-688, 1946; 40:616-618, 1947.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - PUBLICATIONS
Peairs, J. Ec. Ent. 39:553-554, 1946.
- ENTOMOLOGICAL SOCIETIES - AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS - WAR HISTORY
Oman, J. Ec. Ent. 40:284, 1947.
- ENTOMOLOGICAL SOCIETIES - CONSOLIDATION
Essig, J. Ec. Ent. 38:5-6, 1945.
- ENTOMOLOGICAL SOCIETIES - CUMBERLAND-SHENANDOAH SPRAY CONFERENCE
J. Ec. Ent. 39:100, 1946.
- ENTOMOLOGICAL SOCIETIES - DIRECTIONS
Amer. Assoc. Ec. Ent. East. Branch, Entoma ed. 6:235-237, 1945, ed. 7:314-316, 1947.
- ENTOMOLOGICAL SOCIETIES - ENTOMOLOGICAL SOCIETY OF AMERICA - MEETINGS
Ross et al., Ent. Soc. Amer. Ann. 38:125-144, 1945; 39:304-315, 1946; 40:155-167, 1947.
- ENTOMOLOGICAL SOCIETIES - ENTOMOLOGICAL SOCIETY OF BRITISH COLUMBIA - ANNUAL MEETING
Mathers, Can. Ent. 79:40, 1947.
- ENTOMOLOGICAL SOCIETIES - ENTOMOLOGICAL SOCIETY OF ONTARIO
b Jones, History of Agr. in Ont. 1613-1880:334,352, 1946.
- ENTOMOLOGICAL SOCIETIES - ENTOMOLOGICAL SOCIETY OF ONTARIO - MONTREAL BRANCH
Can. Ent. 78:185, 1946.
- ENTOMOLOGICAL SOCIETIES - ENTOMOLOGICAL SOCIETY OF ONTARIO & BIOLOGICAL CONTROL
Baird, Ent. Soc. Ont. R. 77:5-7, 1947.
- ENTOMOLOGICAL SOCIETIES - ENTOMOLOGICAL SOCIETY OF PENNSYLVANIA - MEETINGS
Sleesman, J. Ec. Ent. 40:141, 1947.
- ENTOMOLOGICAL SOCIETIES - ENTOMOLOGICAL SOCIETY OF WASHINGTON - BYLAWS (HONORARY MEMBERS)
Ent. Soc. Wash. P. 49:182, 1947.
- ENTOMOLOGICAL SOCIETIES - FLORIDA ENTOMOLOGICAL SOCIETY - MEETINGS
Berner, Fla. Ent. 29:45-46, 1947; 31:7-11, 1947.
Tissot, Fla. Ent. 28:14-17, 1945.
- ENTOMOLOGICAL SOCIETIES - INTERNATIONAL GREAT PLAINS CONFERENCE
J. Ec. Ent. 39:556, 1946.
- ENTOMOLOGICAL SOCIETIES - NATIONAL ASSOCIATION OF INSECTICIDE & DISINFECTANT MANUFACTURERS - MEETINGS
Soap & Sanit. Chem. 21(1):92-96,133, 1945; 22(1):112-117,139; (12):130-135,167,171, 1946, 23(12):134-138, 1947.
- ENTOMOLOGICAL SOCIETIES - NATIONAL PLANT BOARD - MEETINGS
McKennon, Cal. Dept. Agr. Sp. Pub. 209:13-17,69-71, 1945.
- ENTOMOLOGICAL SOCIETIES - NEW YORK ZOOLOGICAL SOCIETY
Efron, Sci. Digest 18(5):15-18, 1945.
- ENTOMOLOGICAL SOCIETIES - NORTHWEST VEGETABLE INSECT CONTROL CONFERENCE
Brindley, J. Ec. Ent. 39:277, 1946, 40:287, 1947.
- ENTOMOLOGICAL SOCIETIES - QUEBEC SOCIETY FOR THE PROTECTION OF PLANTS - CONSTITUTION
Quebec Soc. Protect. Plants R. 30:23-25, 1947.
- ENTOMOLOGICAL SOCIETIES - ROCKY MOUNTAIN CONFERENCE OF ENTOMOLOGISTS
List, Rocky Mountain Conf. Ent. R. 18,14 p., 1947.
- ENTOMOLOGICAL SOCIETIES - SOUTHEASTERN COTTON INSECT CONTROL CONFERENCE
Coker, Southeast. Cotton Ins. Control Conf. R. P. 1:1-4, 1947.
- ENTOMOLOGICAL SOCIETIES - TEXAS ENTOMOLOGICAL SOCIETY - MEETINGS
Curl, J. Ec. Ent. 40:287-288, 1947.
- ENTOMOLOGICAL SOCIETIES - WESTERN COOPERATIVE SPRAY CONFERENCE
Overley, J. Ec. Ent. 39:100, 1946; 40:142, 1947.
- ENTOMOLOGICAL SOCIETIES - WESTERN PLANT BOARD - MEETING
Schweis, Cal. Dept. Agr. Sp. Pub. 209:64-68, 1945.
- ENTOMOLOGICAL SUPPLY HOUSES - WARD'S NATURAL SCIENCES ESTABLISHMENT
i Fletcher, Pop. Mech. Mag. 86(3):130-134,228,232, 1946.
- ENTOMOLOGICAL TECHNIQUE
Kennedy, Ohio J. Sci. 46:10-12, 1946.
i Peterson, Man. of Ent. Equip. & Methods ed. 5, Pt. 1-2, 1947.
Usinger, Pest Control & Sanit. 2(3):14-17, 1947.
- ENTOMOLOGICAL TECHNIQUE, see also DUSTING APPARATUS; FIELD APPARATUS; FUMIGATING APPARATUS; LABORATORY APPARATUS; SPRAYING APPARATUS
- ENTOMOLOGICAL TECHNIQUE - ANALYSIS OF INSECTICIDES
b Haller, Agr. Chem. 2(9):26-28,73, 75,77,79, 1947.

- ENTOMOLOGICAL TECHNIQUE - ANALYSIS OF INSECTICIDES - DDT
b Fleck, Assoc. Off. Agr. Chem. J. 30: 319-324, 1947.
- ENTOMOLOGICAL TECHNIQUE - ANALYSIS OF INSECTICIDES - NICOTINE & NORNICOTINE
b Bowen, Assoc. Off. Agr. Chem. J. 30:315-319, 1947.
- ENTOMOLOGICAL TECHNIQUE - ANALYSIS OF SURVEY DATA
b Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:1-24, 1947.
- ENTOMOLOGICAL TECHNIQUE - ANESTHETIZING INSECTS, see INSECTS - ANESTHESIA
- ENTOMOLOGICAL TECHNIQUE - APPLYING MEASURED DOSAGES
b Stafford, J. Ec. Ent. 39:499-503, 1946.
- ENTOMOLOGICAL TECHNIQUE - APPLYING MILKY DISEASE SPORES
b Beard, Conn. B. 501:66-71, 1946.
- ENTOMOLOGICAL TECHNIQUE - BREEDING PARASITES
Simmonds, Can. Ent. 79:41-43, 1947.
- ENTOMOLOGICAL TECHNIQUE - CAGE STUDIES OF MIRID INJURY
Sorenson, Mirid-bug Injury as a Factor in Declining Alfalfa-seed Yields: 12, 1946.
- ENTOMOLOGICAL TECHNIQUE - CENTRIFUGING INSECT EGGS
Tirelli, Physiol. Zool. 19:347-348, 1946.
- ENTOMOLOGICAL TECHNIQUE - CHECKING GROWTH vs. FOOD
i Shirck, J. Ec. Ent. 39:648-649, 1946.
- ENTOMOLOGICAL TECHNIQUE - CHITIN DETECTION
Richards, Ent. Soc. Amer. Ann. 40. 227-234, 1947.
- ENTOMOLOGICAL TECHNIQUE - COLLECTING & TESTING SPIDER VENOM
b Miller, J. Ent. & Zool. 39:45-48, 1947.
- ENTOMOLOGICAL TECHNIQUE - COLLECTING INSECTS, see INSECTS - COLLECTION & PRESERVATION
- ENTOMOLOGICAL TECHNIQUE - COUNTING INSECTS
Vansell, USDA C. 650 rev.:4, 1947.
- ENTOMOLOGICAL TECHNIQUE - CULTIVATING INSECT BACTERIA
bi Gier, J. Bact. 53:173-189, 1947.
- ENTOMOLOGICAL TECHNIQUE - CULTURING CERATOSTOMELLA ULMI FROM BARK BEETLES
Parker et al., N. Y. (C.) M. 275:30-36, 1947.
- ENTOMOLOGICAL TECHNIQUE - DEMONSTRATING MOSAIC VISION
Worth, Turtox 24:101, 1946.
- ENTOMOLOGICAL TECHNIQUE - DETECTING SPERM IN INSECT EGGS
Patterson, Science 101:156, 1945.
- ENTOMOLOGICAL TECHNIQUE - DETECTING TYPHUS IN FLEA FECES
Pollard et al., Amer. J. Hyg. 44:244-248, 1946.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF ACETYLCHOLINE IN INSECTS
Tobias et al., J. Cell. & Compar. Physiol. 28:160-161, 1946.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF AMINO ACIDS IN BLOOD
i Patton, N. Y. (G.) Farm Res. 13(2): 3, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF BENZENE HEXACHLORIDE
b Daasch, Anal. Chem. 19:779-785, 1947.
- b Goldenson & Sass, Anal. Chem. 19: 320-322, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF CHLORINE IN DDT
Fiero, Soap & Sanit. Chem. 23(10): 147,149,151, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF DDT
b Carter, Assoc. Off. Agr. Chem. J. 30:456-463, 1947.
- b Claborn, Assoc. Off. Agr. Chem. J. 29:330-337, 1946.
- b Cristol et al., Indus. & Engin. Chem. Anal. Ed. 17:470-472, 1945; 18:339, 1946.
- i Fahey, Assoc. Off. Agr. Chem. J. 28:152-158, 1945.
- b Fahey & Rusk, Assoc. Off. Agr. Chem. J. 30:349-354, 1947.
- b Hutson et al., Mich. Quart. B. 29: 284-285, 1947.
- b La Clair, Indus. & Engin. Chem. Anal. Ed. 18:763-766, 1946.
- Reiber & Stafford, Cal. C. 365:104-108, 1946.
- Stiff & Castillo, Indus. & Engin. Chem. Anal. Ed. 18:316-317, 1946.
- Tressler, Assoc. Off. Agr. Chem. J. 30, 140-144, 1947.
- b Wichmann et al., Assoc. Off. Agr. Chem. J. 29:188-218, 1946.
- Assoc. Off. Agr. Chem. J. 30:64-66, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF DDT - COLORIMETRIC
b Clifford, Assoc. Off. Agr. Chem. J. 29:195-206, 1946; 30:337-349, 1947.
- b Ofner & Calvery, J. Pharm. & Expt. Ther. 85:363-370, 1945.
- b Schechter et al., Agr. Chem. 1(6): 26,47, 1946.
- b Schechter et al., Anal. Chem. 19: 51-53, 1947.
- Stiff & Castillo, Science 101:440-443, 1945.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF DDT - DINITROPHENYLHYDRAZINE METHOD
b Claborn & Patterson, Assoc. Off. Agr. Chem. J. 29:206-218, 1946.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF DDT - MICROSCOPICAL METHOD
i McCrone et al., Indus. & Engin. Chem. Anal. Ed. 18:578-582, 1946.

- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF DDT - ORGANIC CHLORINE METHOD
b Klein & Wichmann, Assoc. Off. Agr. Chem. J. 28:191-195, 1946.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF DDT - TOTAL CHLORINE METHOD
Donovan, Soap & Sanit. Chem. 22(6): 165,167,201, 1946.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF DEXTRIN IN HONEY & HONEYDEW
i Walton, Assoc. Off. Agr. Chem. J. 30:284-288, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF FREON-INSOLUBLES
i Goodhue, Soap & Sanit. Chem. 23(1): 133,135, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF HYDROCYANIC ACID
Fulton & Van Dyke, Anal. Chem. 19: 922-923, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF LARVICIDES - WATER SURFACES
U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water. 411, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF LIME IN CALCIUM ARSENATE
b Markwood et al., Indus. & Engin. Chem. Anal. Ed. 17:570-571, 1945.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF OIL DEPOSITS
b Redd, Indus. & Engin. Chem. Anal. Ed. 17:621-623, 1945.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF PYRETHRINS
i Sell, Soap & Sanit. Chem. 23(9):131, 133, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF ROTENONE
Graham, Assoc. Off. Agr. Chem. J. 30:311-312, 1947.
Assoc. Off. Agr. Chem. J. 30:63-64, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINATION OF TETRAHYDRO-2-NAPHTHOL
b Goldenson & Sass, Anal. Chem. 19: 322-324, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINING EFFECT OF SOIL TYPES ON WHITE GRUBS
Grayson, Va. TB 109:7, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINING EFFECT OF TEMPERATURE ON DIAPAUSE
Salt, Can. J. Res. Sect. D 25:68-70, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINING FOOD CONTAMINATION
bi Cook & Steers, Assoc. Off. Agr. Chem. J. 30:168-181, 1947.
Ward et al., Science 101:491, 1945.
- ENTOMOLOGICAL TECHNIQUE - DETERMINING INSECT POLLINATION OF GUAYULE
i Gardner, Amer. Soc. Agron. J. 39: 224-228, 1947.
- ENTOMOLOGICAL TECHNIQUE - DETERMINING LEAF AREAS
Stanley, J. Ec. Ent. 38:703-704, 1945.
- ENTOMOLOGICAL TECHNIQUE - DETERMINING LEAF INJURY
Hartzell, N. Y. (G.) R. 64.30, 1946.
- ENTOMOLOGICAL TECHNIQUE - DETERMINING SWATH WIDTHS
Sebora et al., Mosq. News 6.170, 1946.
- ENTOMOLOGICAL TECHNIQUE - DIAPAUSE STUDIES
Simmonds, Can. Ent. 79:227-228, 1947.
- ENTOMOLOGICAL TECHNIQUE - DISSECTING SALIVARY GLANDS - AEROSOL OT
Josephson et al., Science 105:650-651, 1947.
- ENTOMOLOGICAL TECHNIQUE - EGG-HATCHING RECORDS
i Latta et al., USDA C. 745:3-4, 1945.
- ENTOMOLOGICAL TECHNIQUE - EGG PRODUCTION STUDIES
Van Leeuwen, J. Ec. Ent. 40:744-745, 1947.
- ENTOMOLOGICAL TECHNIQUE - ELECTRON MICROSCOPE
i Colton, Natl. Geog. Mag. 88:400-401, 1945.
i Hiller, Food Packer 27(6):50,52, 1946.
i Richards & Korda, Ent. News 58 141-145, 1947.
- ENTOMOLOGICAL TECHNIQUE - EMBRYOLOGY
b Fish, Ent. Soc. Amer. Ann. 40:15-18, 1947.
- ENTOMOLOGICAL TECHNIQUE - ESTIMATING FOLIAGE AREA INJURY
bi Hartzell, N. Y. (G.) TB 277,49 p., 1946.
- ENTOMOLOGICAL TECHNIQUE - ESTIMATING FUMIGANT DISPERSION IN SOIL
Schmidt, J. Ec. Ent. 40:829-837, 1947.
- ENTOMOLOGICAL TECHNIQUE - EVALUATING CONTROL
Ebeling, J. Ec. Ent. 38:557, 1945.
Madden et al., Fla. Ent. 19:7-9, 1946.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:43-44, 1946.
- ENTOMOLOGICAL TECHNIQUE - EVALUATING CONTROL - MORTALITY CALCULATION
b Sun & Shepard, J. Ec. Ent. 40:710-715, 1947.
- ENTOMOLOGICAL TECHNIQUE - EXTRACTING FLUORESCENT COMPOUNDS FROM EGGS
Bodine & Fitzgerald, Physiol. Zool. 20:147-148, 1947.
- ENTOMOLOGICAL TECHNIQUE - FEEDING INSECTS
bi Severin, Hilgardia 17:546-548, 1947.

ENTOMOLOGICAL TECHNIQUE - FEEDING INSECTS--Continued.

bi Wedberg & Clarke, J. Bact. 54:447-450, 1947.

ENTOMOLOGICAL TECHNIQUE - FREEING PARASITE COCOONS FROM HOST

Bartlett & Martin, J. Ec. Ent. 38:120, 1945.

Finney, J. Ec. Ent. 38:120, 1945.

ENTOMOLOGICAL TECHNIQUE - HANDLING MITES

Wissman & Sulkin, Amer. J. Trop. Med. 27:463-465, 1947.

ENTOMOLOGICAL TECHNIQUE - HUMIDITY CONTROL

Pfadt, J. Ec. Ent. 40:295, 1947.

ENTOMOLOGICAL TECHNIQUE - INFECTING LICE WITH RICKETTSIAE

Cabasso, Soc. Expt. Biol. & Med. P. 64:439-440, 1947.

Snyder & Wheeler, J. Expt. Med. 82:3-5, 1945.

ENTOMOLOGICAL TECHNIQUE - ISOLATION OF FUNGI

McCoy, N. Y. Ent. Soc. J. 53:238, 1945

ENTOMOLOGICAL TECHNIQUE - LIFE HISTORY STUDIES

i Cagle & Jackson, Va. TB 107:3-5, 1947.

i Fronk, Va. TB 108:4-5, 1947.

ENTOMOLOGICAL TECHNIQUE - LOCATING CHEMORECEPTORS OF TABANUS

Frings & O'Neal, J. Expt. Zool. 103:64-65, 1946.

ENTOMOLOGICAL TECHNIQUE - LOCATING PLANT VIRUS IN INSECT

bi Severin, Hilgardia 17:548-550, 1947.

ENTOMOLOGICAL TECHNIQUE - MARKING INSECTS, see ENTOMOLOGICAL TECHNIQUE - TAGGING

ENTOMOLOGICAL TECHNIQUE - MEASURING OXYGEN CONSUMPTION

Birch, Ecology 28:17-18, 1947.

bi Chadwick, Biol. Bul. 93:230-232, 1947.

Edwards, J. Cell. & Compar. Physiol. 27(1):54-55, 1946.

ENTOMOLOGICAL TECHNIQUE - MEASURING PARTICLE SIZE - AEROSOLS

i Collins, Mosq. News 7:29-35, 1947.

Goodhue & Riley, J. Ec. Ent. 39:223-226, 1946.

b Guyton, J. Indus. Hyg. & Toxicol. 28:133-141, 1946.

ENTOMOLOGICAL TECHNIQUE - MEASURING PARTICLE SIZE - DDT

Weisser & Gooden, Agr. Chem. 2(8):28-29, 1947.

ENTOMOLOGICAL TECHNIQUE - MICRO-DETERMINATION OF CYANIDE GAS IN AIR

b Robbie & Leinfelder, J. Indus. Hyg. & Toxicol. 27:136-139, 1945.

ENTOMOLOGICAL TECHNIQUE - MICROSCOPY - MECHANICAL HOLDER

Olson, Ent. News 57:101-103, 1946.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES

Ball, Amer. J. Trop. Med. 27:301-302, 1947.

Bishopp & Stage, N. J. Mosq. Exterm. Assoc. P. 32:18-19, 1945; 33:130-132, 1946.

Bonnet & Worcester, Amer. J. Trop. Med. 26:466-467, 1946.

Carpenter et al., Amer. Mid. Nat. Monog. 3:6-23, 1946.

Coatney et al., Amer. J. Hyg. 46:85-87, 106-107, 132-133, 1947.

Cooper & Coatney, Amer. J. Hyg. 46:121, 1947.

Eyles & Most, Amer. J. Trop. Med. 27:213-215, 1947.

Pratt & Newton, J. Parasit. 32:273, 1946.

bi Russell et al., Pract. Malar.:202-268, 1946.

Stimmons, U. S. Pub. Health Rpts. Sup. 186:3-20, 1945.

Trapido, Amer. J. Trop. Med. 26:390-392, 1946.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - AUTOMATIC POISONING DEVICE

Oppermann, Franklin Inst. J. 240:252-253, 1945.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - DISSECTION

bi Hunter et al., Amer. J. Trop. Med. 26:221-228, 1946.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - DIURNAL RESTING STATIONS

i Carpenter, J. Ec. Ent. 38:721-722, 1945.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - DRIPCANS

Wisecup et al., J. Ec. Ent. 39:53, 1946

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - DRIPCANS, see also MOSQUITO CONTROL - CONTINUOUS OILING

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - FIXATION, BODIAN

Rogoff, Stain Technol. 21:59-61, 1946.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - FLIGHT RANGE

Eyles, U. S. Pub. Health Rpts. 60:1265-1273, 1945.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - NOCTURNAL BEHAVIOR

Tarzwil & Fisk, U. S. Pub. Health Rpts. 62:85-87, 1947.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - PRECIPITIN TEST FOR BLOOD MEALS

i Arnold et al., U. S. Pub. Health Rpts. 61:1244-1249, 1946.

Hess & Keener, Amer. J. Hyg. 45:134, 1947.

Rempel et al., Can. J. Res. Sect. E 24:71-74, 1946.

bi Riddell et al., Can. J. Res. Sect. E 25:210-215, 1947.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - PRECIPITIN TEST FOR PREDATORS

b Brooke & Proske, Natl. Malar. Soc. J. 5:45-56, 1946.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - QUIETING - METHOCEL
Gerberich, J. Ec. Ent. 38:393-394, 1945.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - REARING

Adams, Turtlox News 24:174, 1946.

b Bates, Natl. Malar. Soc. J. 6:156-158, 1947.

i Elde, Mosq. News 5:82-85, 1945.

i Giglioli, Natl. Malar. Soc. J. 6:159-164, 1947.

Hardman, Natl. Malar. Soc. J. 6:165-166, 1947.

bi Heal & Pergrin, N. J. Mosq. Exterm. Assoc. P. 32:105-112, 1945.

bi Johnson, Natl. Malar. Soc. J. 6:176-179, 1947.

Peffly et al., Ohio J. Sci. 46:65-70, 1946.

Trembley, J. Ec. Ent. 38:408-409, 1945; 40:245, 1947.

i Wray, Mosq. News 6:71-72, 1946.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - REVIEW

Bishopp & Stage, N. J. Mosq. Exterm. Assoc. P. 32:18-19, 1945.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES SAMPLING POPULATIONS

b Horsfall, Ent. News 57:242-244, 1946.
Knowles & Fisk, U. S. Pub. Health Rpts. 60:1008-1019, 1945.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - SCREENING ANTI-MALARIAL DRUGS

Terzian, J. Parasit. 33(6 sect. 2) 15, 1947. (Abs.)

Terzian, Science 106:449-450, 1947.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - SEPARATION

Gies & Brown, Mosq. News 7:152-153, 1947.

ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - TAGGING, FLUORESCENT

Chang, Mosq. News 6:122-125, 1946.

Pal, Sci. News Let. 52:168, 1947.

Zukel, Science 102:157, 1945.

Zukel, Sci. News Let. 48:137, 1945.

ENTOMOLOGICAL TECHNIQUE - MOUNTING, see INSECTS - COLLECTION & PRESERVATION - MOUNTING

ENTOMOLOGICAL TECHNIQUE - NOMENCLATURE OF PLANT GROWTH

i Batchelder, USDA EPQ ET-232, 5 p., 1946.

ENTOMOLOGICAL TECHNIQUE - OBSERVATION OF INSECT BLOOD

i Jackson, Turtlox News 23:12-14, 1945.

ENTOMOLOGICAL TECHNIQUE - OB-TAINING NECTAR

Vansell, USDA C. 650 rev. 4-5, 1947.

ENTOMOLOGICAL TECHNIQUE - OB-TAINING VENOM - SCORPIONS
Ramirez L., Mex. Esc. Nac. Cien. Biol. An. 4:383-385, 1947.

ENTOMOLOGICAL TECHNIQUE - PREPARATION OF AEROSOLS
Smith et al., Agr. Chem. 2(12):30-31, 1947.

ENTOMOLOGICAL TECHNIQUE - PREPARATION OF BENZENE HEXACHLORIDE

b Ramsey & Patterson, Assoc. Off. Agr. Chem. J. 29:337-346, 1946.

ENTOMOLOGICAL TECHNIQUE - PREPARATION OF PYRETHRIN EXTENDERS

Synerholm et al., Boyce Thompson Inst. Contrib. 15:38-39, 1947.

ENTOMOLOGICAL TECHNIQUE - PREPARATION OF PYRETHRINS
Annand, USDA EPQ R. f. 1943/44:27-28, 1945.

ENTOMOLOGICAL TECHNIQUE - PRODUCING PHENOCOPIES - PHOTO-DYNAMIC DYES

Villee & Lavin, Anat. Rec. 6:565-566, 1946. (Abs.)

ENTOMOLOGICAL TECHNIQUE - REARING

Blackburn, J. Ec. Ent. 39:542-543, 1946.

Clancy, Cal. Univ. Pub. Ent. 7:403-404, 1946.

Hall, Sci. Digest 17(3):45-47, 1945.

Haydak, J. Ec. Ent. 40:279-280, 1947.

Oman & Cushman, USDA Misc. Pub. 601:11-12, 1946.

Patton, N. Y. (G.) Farm Res. 13(2):3, 1947.

Post & Colberg, N. Dak. Bmo. B. 9:111-112, 1947.

Richardson & Walkden, J. Ec. Ent. 38:471-472, 1945.

b Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:3-4, 1946.

Sun, Minn. TB 177:6-9, 1947.

A. S. T. M. Stds. f. 1946 Pt. 3-A-1092-1093, 1947.

ENTOMOLOGICAL TECHNIQUE - REARING - ELIMINATION OF DISEASE ORGANISMS

b McCoy, N. Y. Ent. Soc. J. 55:52-55, 1947.

ENTOMOLOGICAL TECHNIQUE - REARING - GELATIN CAPSULE CONTAINERS

Wellington, J. Ec. Ent. 38:396, 1945.

ENTOMOLOGICAL TECHNIQUE - REARING - NUTRITION, see INSECTS - NUTRITION - ARTIFICIAL; MOSQUITOES - NUTRITION - ARTIFICIAL

ENTOMOLOGICAL TECHNIQUE - REARING, MASS

bi Bare et al., USDA EPQ ET-247, 11 p., 1947.

bi Finney et al., Hilgardia 17:437-483, 1947.

ENTOMOLOGICAL TECHNIQUE - REARING ANASA TRISTIS

Watkins, J. Ec. Ent. 39:256, 1946.

- ENTOMOLOGICAL TECHNIQUE - REAR-
ING ANASTREPHA FRATERCULUS
(Wied.)
Baker, J. Ec. Ent. 38:95-100, 1945.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING ANTS
Haskins & Enzmann, N. Y. Ent. Soc. J.
53:267-268, 1945.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING APHIDS
Harrington, J. Ec. Ent. 38:13-14, 1945.
Isely, Ark. B. 462:9-10, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING BLOWFLIES
Fringe, Science 105:482, 1947.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING BUTURUS BAKERI
i Baker et al., Wash. B. 497:8-9, 1947.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING CHIGGERS
bi Jenkins, Ent. Soc. Amer. Ann. 40:
56-68, 1947.
Melvin, Ent. Soc. Amer. Ann. 39:143-
144, 1946.
i Michener, Amer. J. Trop. Med. 26:
251-256, 1946.
b Michener, Ent. Soc. Amer. Ann. 39:
116-117, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING CIMEX
Sparhawk, Amer. Perfumer & Essen-
tial Oil Rev. 48(5):39-40, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING COCKROACHES
bi Bottimer, Soap & Sanit. Chem. 21
(12):151,153,155, 1945.
i Donohoe et al., Pests 14(5):20,22,
1946.
Gier, Ent. Soc. Amer. Ann. 40:303-
304, 1947.
Gould & Deay, Pest Control & Sanit.
1(9):12-13, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING CRICKETS
i Prather, Ala. Conserv. 17(10):5,14;
Pa. Angler 15(6):4-5, 1946.
i Swingle, Ala. Leaf. 22,4 p., 1945.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING BLACKFLIES
i Thomas, Science 103:21, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING DIASPINAE - POTATOES
bi Flanders, J. Ec. Ent. 40:746-747,
1947.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING DROSOPHILA
Proverbs & Morrison, Can. J. Res.
Sect. D 25:13, 1947.
Schultz et al., Anat. Rec. 96:540, 1946.
(Abs.)
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING ELATERIDAE
Jewett, Ky. B. 472:7-8, 1945; 489:23-
24, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING FLEAS
Linduska & Cochran, J. Ec. Ent. 39:
544-545, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING FLIES
Cox, Cal. Dept. Agr. Sp. Pub. 213:8-9,
1945.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING FLIES--Continued.
Hoskins & Caldwell, Soap & Sanit.
Chem. 23(4):145,161, 1947.
James, USDA Misc. Pub. 631:25-26,
1947.
Laug, J. Pharm. & Expt. Ther. 86:
324-325, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING GRASSHOPPERS
Brett, Okla. TB 26:16-19, 1947.
Handford, Sci. Agr. 26:152, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING LAEMOPHLOEUS MINUTUS
Payne, N. Y. Ent. Soc. J. 54:9-10,
1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING LICE
Annand, USDA EPQ R. f. 1945/46:14.
Culpepper, J. Ec. Ent. 39:472:660,
1946.
Davis & Hansens, Amer. J. Hyg. 41:
1-4, 1945.
Stage & Knippling, Reunion Interamer.
del Tifo Pub. Ofic. 1:276, 1947.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING MITES
Rings, Ohio St. Univ. Abs. Doctoral
Diss. 52:255,259, 1947.
Wharton & Carver, Science 104:76-77,
1946.
bi Williams, J. Parasit. 32:252-256,
1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING MITES INFECTED WITH
FILARIA
bi Scott et al., J. Parasit. 33:138-141,
1947.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING MOSQUITOES, see ENTOMO-
LOGICAL TECHNIQUE - MOS-
QUITOES - REARING
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING PARASITES
b Doult & Finney, J. Ec. Ent. 40:577,
1947.
i Girth & McCoy, N. J. Dept. Agr. C.
363:12-13, 1946.
b Haeussler, J. Ec. Ent. 38:103-106,
1945.
House, Quebec Soc. Protect. Plants R.
30:60-62, 1947.
Pletsch, Mont. B. 446:75,77, 1947.
Wilkes, Can. Ent. 78:83-85, 1946.
- ENTOMOLOGICAL TECHNIQUE - REAR-
ING PARASITES - MACROCE-
NTRUS
Allen & Brunson, Science 105:394-
395, 1947.
Anderson, Colo. Bur. Plant & Ins.
Control R. f. 1945/46:18-22.
Finney, Blue Anchor 24(2):24,44-45,
1947.
b Flanders, J. Ec. Ent. 38:394-395,
1945.
Martin, J. Ec. Ent. 39:516-520, 1946.
b Martin & Finney, J. Ec. Ent. 39:29-
38, 1946.
Marvin, J. Ec. Ent. 38:119, 1945.
Weiss, N. J. Dept. Agr. R. 30:192-193,
1945.
b Wishart, Can. Ent. 78:78-82, 1946.

- ENTOMOLOGICAL TECHNIQUE - REARING PARASITES - MELITTOBIA
b Whitting, J. Hered. 38:12-16, 1947.
- ENTOMOLOGICAL TECHNIQUE - REARING PARASITES - SEX RATIO CONTROL
b Martin & Finney, J. Ec. Ent. 39:296, 1946.
- ENTOMOLOGICAL TECHNIQUE - REARING PHYTOPHAGA DESTRUCTOR
Walkden, J. Ec. Ent. 38:56-57, 1945.
- ENTOMOLOGICAL TECHNIQUE - REARING PLUTELLA MACULIPENNIS
Miner, J. Ec. Ent. 40:582, 1947.
- ENTOMOLOGICAL TECHNIQUE - REARING PSYCHODIDAE
i Addis, J. Parasit. 31:319-322, 1945.
Carollo, Sewage Works J. 18:208-211, 1946.
- ENTOMOLOGICAL TECHNIQUE - REARING RHAGOLETIS CINGULATA
Jones, Cal. Dept. Agr. Sp. Pub. 209: 57-59, 1945.
- ENTOMOLOGICAL TECHNIQUE - REARING SCOLYTUS MULTISTRIATUS
Parker et al., N. Y. (C.) M. 275:9-10, 32, 1947.
- ENTOMOLOGICAL TECHNIQUE - REARING SPIDERS
Brown, Turtox News 24:76-77, 1946.
- ENTOMOLOGICAL TECHNIQUE - REARING STRIGODERMA ARBORICOLA
Grayson, J. Ec. Ent. 39:164-165, 1946.
- ENTOMOLOGICAL TECHNIQUE - REARING TENEBROIDES
Richardson, J. Ec. Ent. 38:478, 1945.
- ENTOMOLOGICAL TECHNIQUE - REARING TERMITES
b Light & Weesner, Science 106:131-132, 1947.
- ENTOMOLOGICAL TECHNIQUE - REARING TICKS
i Smith et al., USDA TB 905:5-9, 1946.
bi Wharton, Ecol. Monog. 16:166-171, 183, 1946.
- ENTOMOLOGICAL TECHNIQUE - REARING TRIATOMA
Grundemann, Kans. Ent. Soc. J. 20: 78, 1947.
- ENTOMOLOGICAL TECHNIQUE - REARING TRIBOLIUM CONFUSUM
Mickel & Standish, Minn. TB 175:4-5, 1946.
- ENTOMOLOGICAL TECHNIQUE - RECORDING ELECTROSTATIC CHARGES IN DUSTS
i Wilson & Jackson, Agr. Chem. 1(6): 33,35, 1946.
- ENTOMOLOGICAL TECHNIQUE - RECORDING EYE RESPONSE TO LIGHT STIMULATION
Wulff & Jahn, N. Y. Ent. Soc. J. 55: 66-67, 1947.
- ENTOMOLOGICAL TECHNIQUE - RECORDING INSECT SOUNDS
Kahn et al., Science 101:335, 1945.
- ENTOMOLOGICAL TECHNIQUE - RECOVERY OF LARVAE
i Baker et al., Wash. B. 497:38,40, 1947.
- ENTOMOLOGICAL TECHNIQUE - REMOVAL OF BRAIN
Williams, Biol. Bul. 90:236, 1946.
- ENTOMOLOGICAL TECHNIQUE - REMOVAL OF CORPORA ALLATA
Scharrer, Endocrinology 38(1):35-36, 46, 1946.
- ENTOMOLOGICAL TECHNIQUE - REMOVAL OF SHELL FROM LIVING EGG
Slifer, Science 102:282, 1945.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING DEPOSITS
Borden, J. Ec. Ent. 40:927, 1947.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING LEAF INJURY
Hartzell, N. Y. (G.) TB 277:10-22, 1946.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS
Adrien Robert (Brother), Assoc. Can-Franc. Avanc. Sci. Ann. 13:93, 1947. (Abs.)
Bishop, U. S. Pub. Health Rpts. 62: 1265, 1947.
bi Boyce, Ecology 27:291-294, 1946.
i Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:300-301, 1947.
Pletsch, Mont. B. 446:35-36, 1947.
Rice, Amer. Mid. Nat. 35:154-157, 1946.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS, see also ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - SAMPLING POPULATIONS
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - APHIDS
Anderson & Brooks, J. Ec. Ent. 40: 200, 1947.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - COCK-ROACHES
Stenbure, U. S. Pub. Health Rpts. 62: 669-671, 1947.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - FLY GRILL
i Scudder, U. S. Pub. Health Rpts. 62: 681-686, 1947.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - GRASS-HOPPERS
i Smith & Stewart, Ent. Soc. Ont. R. 76:32-35, 1946.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - LEAF-HOPPERS
Bowen, USDA EPQ ET-225, 6 p., 1945.
Frazier & Stafford, J. Ec. Ent. 40: 487, 1947.
b Romney, Ecology 26:135-147, 1945.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - MITES
bi Newell, J. Ec. Ent. 40:683-689, 1947.
Whitehead & Bewick, Okla. Acad. Sci. P. 27:42-43, 1947.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - PARASITES
b DeBach, J. Ec. Ent. 39:695-697, 1946.
- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - WIRE-WORMS
b Finney, Biometrics Bul. 2:1-7, 1946.

- ENTOMOLOGICAL TECHNIQUE - SAMPLING POPULATIONS - WIRE-WORMS--Continued.
i Post et al., N. Dak. Bimo. B. 10:28-29, 1947.
- ENTOMOLOGICAL TECHNIQUE - SEPARATING APHIDS
i Hoerner, J. Ec. Ent. 40:755, 1947.
- ENTOMOLOGICAL TECHNIQUE - SEROLOGY
b Leone, Ent. Soc. Amer. Ann. 40:418-422, 1947.
- ENTOMOLOGICAL TECHNIQUE - SHIPPING CAGE
i Clark, USDA EPQ ET 221,2 p., 1945.
- ENTOMOLOGICAL TECHNIQUE - SOIL STERILIZATION
Kulash, J. Ec. Ent. 40:851-853, 1947.
- ENTOMOLOGICAL TECHNIQUE - SPECTROPHOTOMETRY
i Bodine & Fitzgerald, J. Expt. Zool. 104:354, 1947.
- ENTOMOLOGICAL TECHNIQUE - SPECTROPHOTOMETRY - EGGS
Bodine & Fitzgerald, Anat. Rec. 96: 520-521, 1946. (Abs.)
- ENTOMOLOGICAL TECHNIQUE - SPECTROPHOTOMETRY - EYE COLORS
bi Vilee, Genetics 32:277-278, 1947.
- ENTOMOLOGICAL TECHNIQUE - SPECTROPHOTOMETRY - INSECTICIDES
Herriott, Science 104:228-230, 1946.
- ENTOMOLOGICAL TECHNIQUE - SPECTROSCOPY, INFRARED-INSECTICIDES
b Daasch, Anal. Chem. 19:779-785, 1947.
- bi Downing, Indus. & Engin. Chem. Anal. Ed. 18:461-467, 1946.
- ENTOMOLOGICAL TECHNIQUE - STAINING INSECT TISSUE
b Hershberger, Ohio J. Sci. 46:152-162, 1946.
- ENTOMOLOGICAL TECHNIQUE - STATISTICS, see ENTOMOLOGY - STATISTICAL METHODS
- ENTOMOLOGICAL TECHNIQUE - STUDYING LIGHT REACTION
bi Dolley & Golden, Biol. Bul. 92:179-181, 1947.
- ENTOMOLOGICAL TECHNIQUE - STUDYING OVERWINTERING
Davis & Landis, J. Ec. Ent. 40:821-824, 1947.
- ENTOMOLOGICAL TECHNIQUE - STUDYING REPRODUCTION
bi Bodenstein, J. Expt. Zool. 104:101-151, 1947.
- b Smith, Sci. Agr. 25:568-570, 1945.
- ENTOMOLOGICAL TECHNIQUE - STUDYING RESPIRATION ADAPTATIONS
Maple, Cal. Univ. Pub. Ent. 8:26-30, 1947.
- ENTOMOLOGICAL TECHNIQUE - STUDYING WEATHER FACTORS
Parman, J. Ec. Ent. 38:66-76, 1945.
- ENTOMOLOGICAL TECHNIQUE - TAGGING
bi Philip, Brother, & Fournier, Ent. Soc. Ont. R. 77:10-13, 1947.
- ENTOMOLOGICAL TECHNIQUE - TAGGING--Continued.
b Philip, Brother, & Fournier, Quebec Soc. Protect. Plants R. 30:105-106, 1947.
- ENTOMOLOGICAL TECHNIQUE - TAGGING, FLUORESCENT, see ENTOMOLOGICAL TECHNIQUE - MOSQUITOES - TAGGING, FLUORESCENT
- ENTOMOLOGICAL TECHNIQUE - TAGGING, RADIOACTIVE
i Pletsch, Mont. B. 446:7-10,81, 1947.
- Tomes & Brian, Sci. News Let. 50: 344, 1946.
- Wheeler, Natl. Acad. Sci. P. 33:298-299, 1947.
- ENTOMOLOGICAL TECHNIQUE - TEMPERATURE CONTROL
Pfadt, J. Ec. Ent. 40:295, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING AEROSOL DISPENSERS
i Goodhue et al., Soap & Sanit. Chem. 23(9):119-121, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING AEROSOLS
Gaddis & Goodhue, J. Ec. Ent. 40:240, 1947.
- b Goodhue & Ballinger, Indus. & Engin. Chem. Anal. Ed. 18:131-132, 1946.
- Jones et al., J. Ec. Ent. 38:432-433, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING AEROSOLS - FORMULATIONS
bi Young, Soap & Sanit. Chem. 23(11): 116-117, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING AEROSOLS - WIND TUNNEL
i Latta et al., Wash. Acad. Sci. J. 37: 397-407, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING DISEASE TRANSMISSION
Dickson & Johnson, Cal. Citrog. 32: 162, 1947.
- Toomey et al., J. Infect. Dis. 81:136-138, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING DUSTS
Dudley et al., USDA EPQ E-651, 10 p., 1945.
- Hills & McKinney, USDA EPQ E-648, 19 p., 1945.
- Kulash, J. Ec. Ent. 40:927-928, 1947.
- Lieberman, USDA EPQ E-658, 7 p., 1945.
- McGovran & Piquett, Soap & Sanit. Chem. 22(8):157,159, 1946.
- Matthysse, N. Y. (C.) B. 832:59, 1946.
- Schwitzgebel, Soap & Sanit. Chem. 22 (5):131-133, 1945.
- Smith & Becnel, J. Ec. Ent. 40:536-537, 1947.
- Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:9-58,69-80, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING DUSTS - DDT
Brindley & Schopp, USDA EPQ E-668, 10 p., 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING DUSTS - ROACH POWDERS
i Donohoe et al., Pests 14(5):22,24,1946.

ENTOMOLOGICAL TECHNIQUE - TESTING EFFECT OF COLOR ON FLIES

i Harsham, Food Indus. 18:851, 1984, 1946.

ENTOMOLOGICAL TECHNIQUE - TESTING EFFECT OF HUMIDITY ON OVICIDAL ACTION

Eddy, J. Ec. Ent. 40:116, 1947.

ENTOMOLOGICAL TECHNIQUE - TESTING EFFECT OF TEMPERATURE

Salt & James, Can. Ent. 79:33, 1947.

ENTOMOLOGICAL TECHNIQUE - TESTING FOOD HABITS

Berger, J. Ec. Ent. 38:577-578, 1945.

Cowan & Shipman, J. Ec. Ent. 40:825-826, 1947.

Frings, Biol. Bul. 88:37-38, 1945.

i Frings, J. Expt. Zool. 102:25-30, 1946.

ENTOMOLOGICAL TECHNIQUE - TESTING FOOD HABITS - NYLON

Patton, J. Ec. Ent. 38:522, 1945.

ENTOMOLOGICAL TECHNIQUE - TESTING FUMIGATION CHAMBERS

Chisholm & Koblitzky, USDA EPQ ET-224, 4 p., 1945.

ENTOMOLOGICAL TECHNIQUE - TESTING FUMIGANTS

Balock & Starr, J. Ec. Ent. 38:481, 1945.

Johnson et al., USDA EPQ E-711.2-3, 1947.

Osburn, J. Ec. Ent. 38:610, 1945.

Richardson, J. Ec. Ent. 38:478-479, 1945.

Richardson & Walkden, J. Ec. Ent. 38:472-473, 1945.

Sun, Minn. TB 177.9-20, 1947.

b Yust et al., J. Ec. Ent. 40:869-874, 1947.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDAL FILMS

i Westgate & Bolton, Natl. Paint Varnish & Lacquer Assoc. Sci. Sect. C. 715:26-33, 1946.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDAL PLANTS

Hartzell, Boyce Thompson Inst. Contrib. 15:25-26, 1947.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDE RESIDUES

Doner & Anderson, Soap & Sanit. Chem. 23(10):125, 159, 1947.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDE SYNERGISTS & ACTIVATORS

Lindquist et al., J. Ec. Ent. 40:426, 1947.

bi Turner & Saunders, J. Ec. Ent. 40:553-556, 1947.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES

Annand, USDA EPQ R. f. 1945/46:14.

b Blanchard & Satterthwait, USDA EPQ E-664, 7 p.; E-665, 7 p., 1945.

Bottger & Levin, J. Ec. Ent. 39:540, 1946.

Bottger & Levin, USDA EPQ E-729, 23 p., 1947.

Brannon, J. Ec. Ent. 38:400, 1945.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES--Continued.

i Brett, J. Agr. Res. 73:87-91, 1946.

Brunn et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:20, 1947.

Chanois, J. Ec. Ent. 40:749-750, 1947.

b Cristol et al., Science 104:343-344, 1946.

b Dean, J. Ec. Ent. 40:183-189, 1947.

Dove, Amer. J. Trop. Med. 27:339-340, 1947.

b Ebeling, J. Ec. Ent. 38:26-34, 1945.

Furman, J. Ec. Ent. 40:672-673, 1947.

b Gertler, USDA EPQ E-705, 15 p., 1946.

b Gertler, USDA EPQ E-732, 12 p., 1947.

b Gnadinger, Pyrethrum Flowers sup. to ed. 2 1936-1945:455-507, 1945.

Goldsmith, Science 103:650, 1946.

b Gould, Soap & Sanit. Chem. 21:113-115, 121, 1945.

Hall, Sci. Digest 17(3):45-47, 1945.

b Harries, J. Agr. Res. 71:553-565, 1945.

Hinman & Cowan, USDA EPQ E-722, 21 p., 1947.

b Hsing, J. Ec. Ent. 40:883-895, 1947.

bi Knippling et al., USDA EPQ E-733: 1-19, 1947.

Lange & Smith, J. Ec. Ent. 40:497, 1947.

Mayer et al., USDA EPQ E-709:2-3, 1946, E-720:2-3, E-725:3, 1947.

Metcalfe, J. Ec. Ent. 40:522-523, 1947.

b Morrison, Ent. Soc. Ont. R. 76:18-20, 1946.

i Patton, N. Y. (G.) Farm Res. 12(1): 2-3, Chemurgic Digest 5:76-77, 1946.

Patton et al., N. Y. (C.) R. 59:123-124, 1947.

b Proverbs & Morrison, Can. J. Res. Sect. D 25:13-44, 1947.

Stahl et al., USDA EPQ E-639, 17 p., 1945.

Sun & Hansberry, J. Ec. Ent. 40:526-529, 1947.

n Swingle et al., USDA EPQ E-634:2, 1945.

i Underhill, Va. TB 101:4-5, 1946.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - BLOOD STREAM INJECTION

Pepper, J. Ec. Ent. 40:278, 1947.

ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - DDT

Batchelder & Questel, USDA EPQ E-659, 11 p., 1945.

Elmendorf et al., Amer. J. Trop. Med. 26:683-685, 1946.

Fleming & Maines, USDA EPQ E-716: 2-3, 1947.

Ginsburg, J. Ec. Ent. 38:494-495, 1945.

Lindquist et al., Kans. Ent. Soc. J. 19: 13-15, 1946.

Maple, J. Ec. Ent. 38:437-439, 1945.

b Merrill et al., J. Cell. & Compar. Physiol. 28:466-468, 1946.

Parker, USDA EPQ E-653, 7 p., 1945.

Questel, USDA EPQ E-671, 7 p., 1945.

- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - DDT--Continued.
- Rockwood & Reeher, USDA EPQ E-850, 8 p., 1945.
- bi Romney et al., USDA EPQ E-672, 16 p., 1945.
- Stenburg, U. S. Pub. Health Rpts. 62: 671-674, 1947.
- Young, USDA EPQ E-662, 14 p., 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - DEPOSITS
- O'Kane, N. H. B. 372:32-33, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - DETERIORATION
- Gersdorff & Barthel, Soap & Sanit. Chem. 22(10):155, 157, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - HANDLING SAMPLES
- Oberg et al., USDA EPQ ET-233, 4 p., 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - SOIL
- Fleming, J. Ec. Ent. 40:933, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - TOXICITY
- b Furman, J. Ec. Ent. 40:518-519, 1947.
- b Munson & Yeager, Ent. Soc. Amer. Ann. 40:475-476, 1947.
- Orr & Mott, J. Ec. Ent. 38:430, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - TOXICITY - DDT
- b Coburn & Treichler, J. Wildlife Mangt. 10:208-216, 1946.
- Eide et al., J. Ec. Ent. 38:492-493, 1945.
- b George & Mitchell, J. Ec. Ent. 40: 782-789, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - TOXICITY - SENSITIVITY
- Dunn et al., U. S. Pub. Health Rpts. 61: 1615-1616, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING INSECTICIDES - TOXICITY TO BEES
- b Eckert, J. Ec. Ent. 38:369-374, 1945.
- Eide, J. Ec. Ent. 40:49, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING LARVICIDES
- Deonier et al., J. Ec. Ent. 39:460, 1946.
- Olson & Dahms, J. Ec. Ent. 38:602-603, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING LARVICIDES - DDT
- b Arnold, U. S. Pub. Health Rpts. Sup. 186:66-79, 1945.
- Incho & Deonier, Mosq. News 7:67-68, 1947.
- Tarzwell, U. S. Pub. Health Rpts. 62: 526-554, 1947.
- Upholt et al., U. S. Pub. Health Rpts. Sup. 186:90-96, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING LARVICIDES - DDT & RELATED COMPOUNDS
- b Deonier et al., Soap & Sanit. Chem. 22(11):118-119, 139, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING MOSQUITO BREEDING WATER FOR PH & SALINITY
- b Kaye, Mil. Surg. 98:50-52, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING PENETRATION OF FAT SOLUTIONS
- b Richards & Weygandt, N. Y. Ent. Soc. J. 53:153-154, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING POISON BAIT
- b Allen & Pollard, J. Ec. Ent. 40:655-660, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING REACTIONS TO STIMULI
- Folger, Physiol. Zool. 19:190-191, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING REPELLENTS
- Granett & Haynes, N. J. Mosq. Exterm. Assoc. P. 32:82-85, 1945.
- Granett & Sacktor, J. Ec. Ent. 40:259-263, 1947.
- Linduska & Morton, J. Ec. Ent. 40: 562-564, 1947.
- Linduska et al., J. Ec. Ent. 39:767-769, 1946.
- Snyder & Morton, Soap & Sanit. Chem. 22(11):133, 135, 1946.
- bi Sweetman, Soap & Sanit. Chem. 21 (3):104-107, 127, 129, 131, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING REPELLENTS - DETERIORATION
- Jones et al., Soap & Sanit. Chem. 22 (10):151, 153, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING RESISTANCE OF PLANTS
- bi Ivanoff, J. Hered. 36:357-361, 1945.
- Platt & Farstad, Sci. Agr. 26:233-235, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING SMOKES
- Hansens, N. J. Mosq. Exterm. Assoc. P. 34:115, 1947.
- Pearsall & Wallace, Soap & Sanit. Chem. 22(10):139, 141, 143, 161, 163, 1946.
- ENTOMOLOGICAL TECHNIQUE - TESTING SPRAY DEPOSITS
- i Campbell, R. I. R. 59:21-22, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING SPRAY RESIDUES - DDT
- Doner, Soap & Sanit. Chem. 23(6):139, 141, 143, 193, 1947.
- ENTOMOLOGICAL TECHNIQUE - TESTING SPRAY SPREADERS & STICKERS
- Garman, Conn. B. 485:112-139, 1945.
- ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS
- Bottger & Bowen, USDA EPQ E-710: 2-3, 1946.

ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS -Continued.

- b Brown et al., Can. Ent. 79:162-163, 1947.
 Campbell et al., Soap & Sanit. Chem. 22(7):145,147,148E,148G, 1946.
 Dustan & Putman, Can. Ent. 79:217, 1947.
 Fleming, J. Ec. Ent. 38:308-312, 1945.
 bi Hoskins & Caldwell, Soap & Sanit. Chem. 23(4):143-145,161,163,165, 167, 1947.
 Lindgren et al., J. Ec. Ent. 38:567-569, 1945.
 i Lindquist & Madden, USDA EPQ ET-229,4 p., 1946.
 Ludvik & Decker, J. Ec. Ent. 40:98, 1947.
 i Madden & Lindquist, USDA EPQ ET-230,3 p., 1946.
 Orr & Wygant, USDA EPQ E-669,10 p., 1945.
 b Siegler & Hall, J. Ec. Ent. 40:722-724, 1947.
 Watkins, J. Ec. Ent. 39:256-257, 1946.
ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - CONCENTRATES
 Schroeder et al., Soap & Sanit. Chem. 22(4):145,147,153, 1946.
ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - DDT
 Cox, J. Ec. Ent. 40:590, 1947.
 Fay et al., U. S. Pub. Health Rpts. Sup. 186:21-34, 1945.
 Fay et al., U. S. Pub. Health Rpts. 62 149-158, 1947.
 Lindquist et al., Soap & Sanit. Chem. 21(7):109, 1945.
 Parr & Baker, USDA EPQ E-667,7 p., 1945.
 Peterson, Ohio J. Sci. 46:323-326, 1946.
 Whitten, USDA EPQ E-670,12 p., 1945.
ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - EFFECT OF AIR CURRENTS
 i Dustan et al., Can. Ent. 79:45-47, 1947.
ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - LEAF DISKS
 Siegler, J. Ec. Ent. 40:280; 441-442, 1947.
ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - PEET-GRADY METHOD
 Cox, Cal. Dept. Agr. Sp. Pub. 213:7-15, 1945.
 Kearns et al., J. Ec. Ent. 38:665, 1945.
 i McGovran & Fales, Soap & Sanit. Chem. 22(9):127-129, 1946.
 McGovran et al., J. Ec. Ent. 39:216, 1946.
 Nelson, Soap & Sanit. Chem. 21(6): 124-125, 1945.
 i Pierpont, Del. B. 253:6-8, 1945.
 b Prill et al., Boyce Thompson Inst. Contrib. 14:129; 345-353, 1946.
 Rice et al., Soap & Sanit. Chem. 21(3): 119,121, 1945.
 Synerholm & Hartzell, Boyce Thompson Inst. Contrib. 14:87-88, 1945.

ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - PEET-GRADY METHOD--Continued.

- Synerholm et al., Boyce Thompson Inst. Contrib. 15:40-45, 1947.
 Soap & Sanit. Chem. Blue Book ed. 17: 213,215,217-218, 1945; ed. 18:211-214, 1946; ed. 19:207-210, 1947.
ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - RESIDUAL
 Cutkomp, J. Ec. Ent. 40:328-329, 1947.
 Fay et al., J. Ec. Ent. 40:635-636, 1947.
 Lindquist & McDuffie, J. Ec. Ent. 38: 608, 1945.
ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - TOXICITY
 Turner & Saunders, Conn. B. 512:98-99, 1946.
 Woodruff & Turner, J. Ec. Ent. 40: 206, 1947.
ENTOMOLOGICAL TECHNIQUE - TESTING SUBSTANCES
 Chadwick & Dethier, J. Gen. Physiol. 30:255-260, 1947.
 Dethier & Chadwick, J. Gen. Physiol. 30:248-250, 1947.
ENTOMOLOGICAL TECHNIQUE - TIMING DEVELOPMENT
 Stanley, Ecology 27:303-304, 1946.
ENTOMOLOGICAL TECHNIQUE - TRANSPLANTATION
 bi Bodenstein, Conn. B. 501:101-114, 1946.
ENTOMOLOGICAL TECHNIQUE - ULTRA-VIOLET FLUORESCENCE OF HONEYDEW
 i Pletsch, Mont. B. 446:20-21,82,1947.
ENTOMOLOGISTS
 i Osborn, Fragments of Entomol. Hist. Pt. 2:56-153,185-186, 1946.
ENTOMOLOGISTS - ADDIS, CLARENCE JOHN, JR.
 i Chandler, J. Parasit. 32:585-586, 1946.
ENTOMOLOGISTS - AGASSIZ, JEAN LOUIS RODOLPHE, 1807-1873
 Cooper et al., Louis Agassiz as a Teacher, 90 p., 1945.
 Shaler, in Peterson, Great Teachers Portrayed by Those Who Studied under Them:203-219, 1945.
 Teller, Louis Agassiz, Sci. & Teacher, 145 p., 1947.
 b Teller, School Sci. & Math. 47:729-738, 1947.
ENTOMOLOGISTS - ALEXANDER, CHARLES PAUL
 i Amer. Nat. 80:105, 1946.
ENTOMOLOGISTS - ALLARD, HARRY ARDELL
 i Gapen, Nature Mag. 40:80,108, 1947.
ENTOMOLOGISTS - ANDRE, FLOYD
 Yates, J. Ec. Ent. 39:471, 1946.
ENTOMOLOGISTS - ASHMEAD, WILLIAM HARRIS, 1805-1908 - CHALCIDOID GENOTYPES
 Gahan & Peck, Wash. Acad. Sci. J. 38: 314-317, 1946.
ENTOMOLOGISTS - BACK, ERNEST ADNA
 J. Ec. Ent. 40:564, 1947.

ENTOMOLOGISTS - BIOGRAPHY - BIBLIOGRAPHY

Carpenter, Amer. Mid. Nat. 33:1-116, 1945.

ENTOMOLOGISTS - BIOGRAPHY - ENCYCLOPEDIAS

Rau, Bklyn. Ent. Soc. B. 41:6-7, 1946.

ENTOMOLOGISTS - BOYD, MARK F. bi Natl. Malar. Soc. J. 6:1-11, 1947.

ENTOMOLOGISTS - CANE, HARRY, 1860-1935

i Allan & Foxlee, B. C. Ent. Soc. P. 43:45-46, 1947.

ENTOMOLOGISTS - CARPENTER, STANLEY J.

Dews & Morrill, J. Ec. Ent. 39:355, 1946.

ENTOMOLOGISTS - CHINA

Cressitt, Ent. Soc. Amer. Ann. 39:159, 1946.

ENTOMOLOGISTS - COLLINS, DONALD L.

J. Ec. Ent. 38:725, 1945.

ENTOMOLOGISTS - COMSTOCK, ANNA BOTSFORD, 1854-1930

i Needham, Sci. Month. 62:140-150, 219-229, 1946.

ENTOMOLOGISTS - COMSTOCK, JOHN HENRY, 1849-1931

i Needham, Sci. Month. 62:140-150, 219-229, 1946.

ENTOMOLOGISTS - CRESSON, EZRA T., JR.

Ent. News 58:98, 1947.

ENTOMOLOGISTS - CUSHING, EMORY C. Pears & Driggers, J. Ec. Ent. 39:688, 1946.

J. Ec. Ent. 38:533, 1945.

USDA EPQ SRA 165:75-76, 1946.

ENTOMOLOGISTS - DASHWOOD-JONES, WILLIAM ARTHUR, 1858-1928

i Green, B. C. Ent. Soc. P. 43:41-43, 1947.

ENTOMOLOGISTS - DAVIDSON, WILLIAM M.

Reinhard, J. Ec. Ent. 39:480, 1946.

ENTOMOLOGISTS - DOVE, WALTER E. J. Ec. Ent. 38:657, 1945.

ENTOMOLOGISTS - DUGES, ALFREDO Beltran, Soc. Mex. Hist. Nat. Rev. 6: 99-106, 1945.

ENTOMOLOGISTS - EBELING, WALTER Dews & Morrill, J. Ec. Ent. 39:355, 1946.

ENTOMOLOGISTS - EDUCATION

Creighton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:7-10, 1945.

Essig, J. Ec. Ent. 38:1-3, 1945.

Stewart, Pan-Pacific Ent. 21(1):1-10, 1945.

ENTOMOLOGISTS - EDUCATION, see also ENTOMOLOGY - TEACHING

ENTOMOLOGISTS - EVERY, R. W.

J. Ec. Ent. 39:215, 1946.

ENTOMOLOGISTS - FABRICIUS, JOHANN CHRISTIAN - GENOTYPES

Blackwelder, Bklyn. Ent. Soc. B. 41: 72-78, 1946.

ENTOMOLOGISTS - FINLEY, CARLOS JUAN, 1833-1915

i Garza Brito, Horizontes Méd. Mex. 5(1/2):39-50, 1947.

ENTOMOLOGISTS - GOODHUE, LYLE DAVID

Sinks, Coronet 19(5):114-116, 1946.

J. Ec. Ent. 38:527, 1945.

i Soap & Sanit. Chem. 22(1):139, 1946.

ENTOMOLOGISTS - GRESSITT, J.

LINSLEY

Creighton, J. Ec. Ent. 38:746, 1945.

Langford & Cory, J. Ec. Ent. 39:247, 1946.

ENTOMOLOGISTS - HANSEN, JAMES W.

Dews & Morrill, J. Ec. Ent. 39:355, 1946.

ENTOMOLOGISTS - HALLER, HERBERT L.

J. Ec. Ent. 40:455, 1947.

ENTOMOLOGISTS - HAWAII

Pemberton, Hawaiian Acad. Sci. P. 16: 15, 1945.

ENTOMOLOGISTS - HERRERA, ALFONSO LUIS

Beltran, Soc. Mex. Hist. Nat. Rev. 6: 99-106, 1945.

ENTOMOLOGISTS - HOLLAND,

WILLIAM JACOB, 1848-1932

Remington, Lepidopterists' News 1: 98, 1947.

ENTOMOLOGISTS - HOWARD, LELAND OSSIAN

i Rohwer, Ent. Soc. Wash. P. 49:145-147, 1947.

ENTOMOLOGISTS - IN LITERATURE

Rau, Bklyn. Ent. Soc. B. 40:69-70, 1945.

ENTOMOLOGISTS - JAPAN

Remington, Ent. Soc. Amer. Ann. 39: 449-450, 1946.

ENTOMOLOGISTS - JONES, CHARLES R.

i Colo. Farm B. 7(2):2,14-15, 1945.

ENTOMOLOGISTS - KARTMAN, LEO

J. Ec. Ent. 39:215, 1946.

ENTOMOLOGISTS - KENNEDY,

CLARENCE HAMILTON

i Lindsey, Ent. Soc. Amer. Ann. 40: 169-171, 1947.

ENTOMOLOGISTS - KNIPLING, EDWARD F.

i Haeussler, Mosq. News 6:158, 1946.

Pears & Driggers, J. Ec. Ent. 39: 688, 1946.

J. Ec. Ent. 39:424, 1946.

USDA EPQ SRA 166:45-46, 1947.

ENTOMOLOGISTS - LEONARD, MORTIMER D.

J. Ec. Ent. 39:99, 1946; 40:671, 1947.

ENTOMOLOGISTS - LONGEVITY

Burdick, Ent. News 56:246-247, 1945.

Weiss, Ent. News 56:189-190, 1945.

Weiss, N. Y. Ent. Soc. J. 53:231-237, 1945.

ENTOMOLOGISTS - MAETERLINCK, MAURICE

Moulton & Schifferes, Autobiog. of Sci.:571-578, 1946.

ENTOMOLOGISTS - MAHEUX, GEORGES
 i For. Québécoise 12:245-246, 1947.
 ENTOMOLOGISTS - MARTIN, CHARLES
 H.
 J. Ec. Ent. 39:215, 1946.
 ENTOMOLOGISTS - MOILLIET,
 THEODORE ALBERT, 1883-1935
 i Moilliet, B. C. Ent. Soc. P. 43:43-
 45, 1947.
 ENTOMOLOGISTS - NATIONAL ROSTER
 Smith, Sci. Month. 61:359-360, 1945.
 Natl. Roster Sci. & Specialized Per-
 sonnel, Handb. Descr. Specialized
 Fields in Ent., 16 p., 1945.
 ENTOMOLOGISTS - OMEROD,
 ELEANOR ANN, 1828-1901
 Hannay, Gard. Club Amer. B. Ser. 11
 (4):13-14, 1947.
 ENTOMOLOGISTS - PACKARD,
 ALPHEUS SPRING, JR., 1839-1905
 i Remington, Lepidopterists' News 1.
 39, 1947.
 ENTOMOLOGISTS - PARKER, JOHN
 ROBERT
 J. Ec. Ent. 39:597, 1946.
 ENTOMOLOGISTS - PETRUNKEVITCH,
 ALEXANDER
 b Hutchinson, Conn. Acad. Arts & Sci.
 Trans. 36:9-24, 1945.
 i Sanders, Pop. Sci. Month. 146(1):
 126-127, 209-210, 1945.
 Woodruff, Conn. Acad. Arts & Sci.
 Trans. 36:7-8, 1945.
 ENTOMOLOGISTS - PIERCE, ROY
 GIFFORD
 Martin, J. For. 289, 1945.
 ENTOMOLOGISTS - PORTER, BENNET
 ALLEN
 Annand, USDA EPQ SRA 163:29-30,
 1945.
 ENTOMOLOGISTS - REED, WILLIAM
 DOYLE
 J. Ec. Ent. 39:366, 1946.
 ENTOMOLOGISTS - RILEY, CHARLES
 VALENTINE, 1843-1895
 Miller, Pan-Pac. Ent. 22:28-30, 1946.
 i Remington, Lepidopterists' News 1
 56, 1947.
 Weiss, N. Y. Ent. Soc. J. 53:226, 1945.
 ENTOMOLOGISTS - ROSENSTIEL, R. G.
 J. Ec. Ent. 39:215, 1946.
 ENTOMOLOGISTS - SANDERS, JAMES G.
 Delgado de Garay, J. Ec. Ent. 39:99,
 1946.
 ENTOMOLOGISTS - SCUDDER, SAMUEL
 HUBBARD, 1837-1911
 i Remington, Lepidopterists. News 1:
 17-18, 1947.
 ENTOMOLOGISTS - SHEPARD, HAROLD
 H.
 Reinhard, J. Ec. Ent. 39:480, 1946.
 ENTOMOLOGISTS - SIPHONAPTERISTS
 i Hubbard, Fleas of West. N. Amer.:
 3-16, 1947.
 ENTOMOLOGISTS - SKINNER, HENRY,
 1861-1926
 Remington, Lepidopterists' News 1:69,
 1947.
 ENTOMOLOGISTS - SMITH, JOHN
 BERNHARD, 1858-1912
 Remington, Lepidopterists' News 1:
 81, 1947.

ENTOMOLOGISTS - SNODGRASS,
 ROBERT EVANS
 i Cale, Amer. Bee J. 87:26, 1947.
 ENTOMOLOGISTS - SULLIVAN,
 WILLIAM N.
 J. Ec. Ent. 38:527, 1945.
 ENTOMOLOGISTS - TEXAS
 Geiser, Field & Lab. 15:35-41, 1947.
 ENTOMOLOGISTS - TOWNES, HENRY K.
 Ent. News 57:112, 1946.
 ENTOMOLOGISTS - TRAINING, see EN-
 TOMOLOGISTS - EDUCATION
 ENTOMOLOGISTS - U. S. ARMY - CON-
 FERENCE
 J. Ec. Ent. 40:142, 1947.
 ENTOMOLOGISTS - VETERANS - RE-
 EMPLOYMENT
 Hess et al., Amer. Assoc. Ec. Ent.
 Cotton Sts. Branch P. 19:18-19,
 1945.
 Smith et al., J. Ec. Ent. 38:623, 1945.
 Van Dine, J. Ec. Ent. 38:621, 1945.
 ENTOMOLOGISTS - VISHNIAC, ROMAN
 i U. S. Camera 8(1):36-37, 60, 1945.
 ENTOMOLOGISTS - WOMEN
 Weiss, N. Y. Ent. Soc. J. 55:280,
 1947.
 ENTOMOLOGISTS - YUST, HAROLD
 ROBERT
 Adams & Wheeler, J. Ec. Ent. 39:254,
 1946.
 ENTOMOLOGISTS & NATURAL SCIENCE
 FOUNDATION
 Campbell, J. Ec. Ent. 39:275-277,
 1946.
 ENTOMOLOGISTS & PEST CONTROL
 INDUSTRY
 Cory, Pest Control & Sanit. 2(6):11,
 1947.
 Creighton et al., Amer. Assoc. Ec.
 Ent. Cotton Sts. Branch P. 19:33-36,
 1945.
 Eddy, Amer. Assoc. Ec. Ent. Cotton
 Sts. Branch P. 19:42-44, 1945.
 Lee, Amer. Assoc. Ec. Ent. Cotton
 Sts. Branch P. 19:45-47, 1945.
 b Twinn, Pests 14(3):18, 20, 22, 1946.
 ENTOMOLOGY
 Essig, J. Ec. Ent. 38:1-8, 1945.
 Friend, Amer. YB f. 1944:800-807,
 1945; f. 1945:848-852, 1946; f. 1946:
 804-809, 1947.
 ENTOMOLOGY - BIBLIOGRAPHY
 b Chamberlin, Ent. Nomenclature &
 Lit. ed. 2:48-120, 1946.
 Townsend, Ky. C. 59, 27 p., 1945.
 ENTOMOLOGY - BIBLIOGRAPHY, see
 also U. S. BUREAU ENTOMOLOGY
 & PLANT QUARANTINE - PUBLI-
 CATIONS
 ENTOMOLOGY - CANADA
 Gardiner, Can. Dept. Agr. Div. Organ.
 & Activ. rev.:12-15, 1947.
 ENTOMOLOGY - CHEMICAL-BIOLOGI-
 CAL COORDINATION CENTER -
 ENTOMOLOGY SUBCOMMITTEE
 J. Ec. Ent. 40:757, 1947.
 ENTOMOLOGY - CHINA
 b Gressitt, Ent. Soc. Amer. Ann. 39:
 153-164, 1946.

ENTOMOLOGY - CONGRESSES - INTERNATIONAL

Osborn, *Fragments of Entomol. Hist.*
Pt. 2:31-40, 1946.

ENTOMOLOGY - DEVELOPMENT - NORTHWEST

Bonnell, *Oreg. St. System Higher Educ. Grad. Theses f. 1932/42:94-95*, 1946.

ENTOMOLOGY - EXHIBITS, see IN-SECTS - EXHIBITS

ENTOMOLOGY - EXPEDITIONS - CHANNEL ISLANDS BIOLOGICAL SURVEY

Comstock, *South. Cal. Acad. Sci. B.* 45:94-99, 101-104, 1946.

ENTOMOLOGY - EXPEDITIONS - GEORGE VANDERBILT AFRICAN EXPEDITION, 1934

ni Rapp, *Not. Nat. No. 178*, 2 p., 1946.

ENTOMOLOGY - EXPEDITIONS - UNITED STATES ANTARCTIC SERVICE EXPEDITION 1939-1941

Ewing, *Amer. Phil. Soc. P.* 89(1):296, 1945.

ENTOMOLOGY - EXPEDITIONS - UNITED STATES ANTARCTIC SERVICE EXPEDITION 1939-1941

Glance, *Amer. Phil. Soc. P.* 89(1):295, 1945.

ENTOMOLOGY - GLOSSARIES, see ENTOMOLOGY - TERMINOLOGY

ENTOMOLOGY - 4-H CLUBS

i Stiles, *Okl. Ext. C.* 333 rev., 24 p., 1946.

ENTOMOLOGY - HISTORY

i Osborn, *Fragments of Entomol. Hist.* Pt. 2, 232 p., 1946.

Weiss, *N. Y. Ent. Soc. J.* 53:301-308, 1945.

ENTOMOLOGY - JAPAN

Gressitt, *Ent. Soc. Wash. P.* 48:134, 1946. (Abs.)

ENTOMOLOGY - LEGISLATION

Alden, *Ga. Dept. Ent. B.* 88, 38 p., 1946.

Annand, *Cal. Dept. Agr. Sp. Pub.* 209: 34-35, 1945.

Gardiner, *Can. Min. Agr. R. f.* 1944/45:72-73.

Kerr, *La. Comnr. Agr. & Immigr. Bien. R.* 32:75-76, 1946.

Lyle et al., *Amer. Assoc. Ec. Ent. Cotton Sts. Branch P.* 19:27-28, 1945.

Wyckoff et al., *USDA FS Reappraisal R.* 5:15-21, 1947.

Cal. Agr. Council, *Summary of Bills Relat. to Agr. to Jan. 27, 1945*, 56 Sess. *Cal. Leg.*:21-23, 1945.

ENTOMOLOGY - LIBRARIES - CORNELL UNIVERSITY

Claassen, *Sp. Libr.* 36:10-15, 1945.

ENTOMOLOGY - LITERATURE

Lyle et al., *Amer. Assoc. Ec. Ent. Cotton Sts. Branch P.* 19:26-27, 1945.

Osborn, *Fragments of Entomol. Hist.* Pt. 2:41-55, 1946.

b Twinn, *Pests* 13(11):14, 16, 18, 20, 1945; 14(5):26, 28, 30, 32, 1946.

ENTOMOLOGY - LITERATURE - CURTIS' BRITISH ENTOMOLOGY

bi Blackwelder, *Smithsn. Inst. Misc. Collect.* 107(3):1-27, 1947.

ENTOMOLOGY - LITERATURE - EARLY MSS.

Weiss, *N. Y. Ent. Soc. J.* 53:258, 1945.

ENTOMOLOGY - LITERATURE - ABSTRACTS

Essig, *J. Ec. Ent.* 40:456-458, 1947.

Morrison, *Ent. Soc. Ont. R.* 76:20-21, 1946.

ENTOMOLOGY - LITERATURE - INDEXING

Bissell, *J. Ec. Ent.* 40:140, 1947.

ENTOMOLOGY - LITERATURE - JAPAN - EFFECT OF WAR

Remington, *Ent. Soc. Amer. Ann.* 39: 510-512, 1946.

ENTOMOLOGY - LITERATURE - POETRY

Rau, *Bklyn. Ent. Soc. B.* 40:120, 1945.

Twinn, *Pests* 13(10):18, 20, 1945; 14(1):13-14, 16, 18, 20; (2):16, 18, 20, 22; (7):26, 28, 30, 32-33, 1946; (11):42, 46, 1946; 15(5):24, 26, 28, 30; (7):28, 30, 32; (11):14, 16, 18, 1947.

ENTOMOLOGY - NOMENCLATURE

bi Blackwelder, *Smithsn. Inst. Misc. Collect.* 107(3):1-27, 1947.

b Chamberlin, *Ent. Nomenclature & Lit. ed.* 2:1-47, 1946.

b Metcalf, *Tenn. Acad. Sci. J.* 22:232-239, 1947.

Sabrosky, *Ent. News* 57:14-16, 1946.

ENTOMOLOGY - NOMENCLATURE, see also COLEOPTERA - NOMENCLATURE; DIPTERA - NOMENCLATURE; LEPIDOPTERA - NOMENCLATURE; ZOOLOGY - NOMENCLATURE

ENTOMOLOGY - NOMENCLATURE - IMMATURE TYPES

Hayes, *Bklyn. Ent. Soc. B.* 40:123-127, 1945.

ENTOMOLOGY - OUTLOOK

Brues, *Amer. Nat.* 80:19-21, 1946.

ENTOMOLOGY - PERIODICALS, see ENTOMOLOGICAL PERIODICALS

ENTOMOLOGY - RESEARCH, see ENTOMOLOGICAL RESEARCH

ENTOMOLOGY - SOCIETIES, see ENTOMOLOGICAL SOCIETIES

ENTOMOLOGY - STATISTICAL METHODS

Bess, *Ent. Soc. Amer. Ann.* 38:472-481, 1945.

Bowen, *USDA EPQ ET-225*, 6 p., 1945.

Gier, *Ent. Soc. Amer. Ann.* 40:311-315, 1947.

Goulden, *Ent. Soc. Manitoba P.* 1:29-31, 1945.

Graham, *Iowa St. Col. J. Sci.* 22:33-35, 1947.

Harrington, *J. Ec. Ent.* 38:17, 1945.

bi Hartzell, *N. Y. (G.) TB* 277, 49 p., 1946.

Knowles, *Natl. Malar. Soc. J.* 5:234-243, 1946.

ENTOMOLOGY - STATISTICAL METHODS--Continued.

- Peck & Bolton, Sci. Agr. 26:392-393, 1946.
 Reid, Va. Acad. Sci. P. 24:106-107, 1946.
 Richardson, Iowa R. f. 1944/45 pt. 1: 246-247.
 Rumreich, U. S. Pub. Health Rpts. 60: 894-897, 1945.
 b Russell et al., Amer. J. Hyg. 42:274-298, 1945.
 b Sun & Shepard, J. Ec. Ent. 40:710-715, 1947.
 Wadley, Biometrics Bul. 1:12, 1945. (Abs.)
 Williams, Ent. Soc. Amer. Ann. 38: 357-364, 1945.
 b Wolfenbarger & Heuberger, Amer. Potato J. 23:390-395, 1946.
- ENTOMOLOGY - STATISTICAL METHODS, see also INSECTICIDES - DOSAGE - MORTALITY CURVES**
- ENTOMOLOGY - STATISTICAL METHODS - DETERMINING SYNERGISM**
 b Wadley, USDA EPQ ET-223, 7 p., 1945.
- ENTOMOLOGY - STATISTICAL METHODS - ENVIRONMENTAL INDEX**
 Stanley, Ecology 27:303-314, 1946.
- ENTOMOLOGY - STATISTICAL METHODS - INCOMPLETE BLOCK DESIGNS**
 b Wadley, J. Ec. Ent. 38:651-654, 1945
 Wadley, Biometrics B. 2:30-31, 1946.
- ENTOMOLOGY - STATISTICAL METHODS - POISSON SERIES**
 b Wadley, Amer. Statist. Assoc. J. 40 (229):85-92, 1945.
- ENTOMOLOGY - STATISTICAL METHODS - BANK METHOD**
 Wilcoxon, J. Ec. Ent. 39:269-270, 1946.
- ENTOMOLOGY - SOUTHERN STATES**
 i Thomas et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:6-28, 1945.
- ENTOMOLOGY - TEACHING**
 Annand, J. Ec. Ent. 40:467-468, 1947.
 i Bullington, Amer. Biol. Teacher 9: 199-203, 1947.
 Frost, Pa. Acad. Sci. P. 19:30-33, 1945.
 bi Hunter et al., Amer. J. Trop. Med. 26:221-228, 1946.
 Osborn, Fragments of Entomol. Hist. Pt. 2:14-21, 1946.
 i Cal. St. Dept. Educ., Sci. in the Elem. School:40-44,62-67,91-93,116-119,160-162,194,200, 1945.
- ENTOMOLOGY - TEACHING, see also ENTOMOLOGISTS - EDUCATION**
- ENTOMOLOGY - TEACHING - ODONATA AS CLASSROOM MATERIAL**
 i Strickland, Ent. Soc. Amer. Ann. 39: 28-32, 1946.
- ENTOMOLOGY - TERMINOLOGY**
 i Anderson, Ent. Soc. Wash. P. 49: 123-132, 1947.
 Steyskal, Bklyn. Ent. Soc. B. 40:57-59, 1945.
 Stiles & Lubert, Iowa Acad. Sci. P. 51: 480-482, 1945.

ENTOMOLOGY - TERMINOLOGY--Continued.

- Torre-Bueno, Bklyn. Ent. Soc. B. 40: 80, 1945.
- ENTOMOLOGY - U. S. BUREAU ENTOMOLOGY & PLANT QUARANTINE**
 Annand, Amer. YB f. 1944:469-472, 1945; f. 1945:517-522, 1946; f. 1946: 485-491, 1947.
 Annand, Cal. Dept. Agr. Sp. Pub. 209: 31-35,117-119, 1945.
 Annand, New Internatl. YB f. 1944: 294-298, 1945; f. 1945:271-274, 1946; f. 1946:301-303, 1947.
 Annand, USDA EPQ R. f. 1943/44, 56 p.; f. 1944/45, 63 p.; f. 1945/46, 62 p.; f. 1946/47, 71 p.
 Hambidge, Americana 1945:19-22.
 Moore, Americana 1946:22-27; 1947: 11.
 Steelman, U. S. Pres. Sci. Bd., Sci. & Public Policy, Fed. Res. Program v. 2:141-145, 1947.
- ENTOMOLOGY - U. S. BUREAU ENTOMOLOGY & PLANT QUARANTINE - APPROPRIATIONS**
 Annand, Cal. Dept. Agr. Sp. Pub. 209: 31-32, 1945.
 Annand et al., U. S. Cong. House. Com. Approp. Hearings Agr. Dept. Bill f. 1946, pt. 1:491-529,794-796, 986-988, 1945, f. 1947, pt. 1:631-686,763-783, 1946, f. 1948, pt. 1: 805-858, 1947.
 Mackie, Cal Dept Agr Sp Pub 209 7, 1945
 U S Cong Senate Com. Approp Hearings, Agr Dept Bill f 1947 23-25,269-300,451,456,464-466,470-472, 601-605,660-662,672-674, 1946
- ENTOMOLOGY - U S BUREAU ENTOMOLOGY & PLANT QUARANTINE - COTTON INSECT CONTROL**
 Annand, Southeast Cotton Ins Control Conf R. P. 14-9, 1947.
- ENTOMOLOGY - U S BUREAU ENTOMOLOGY & PLANT QUARANTINE - FIELD STATION, KERRVILLE, TEXAS**
 Laake, J. Ec. Ent. 39:658, 1946.
- ENTOMOLOGY - U. S. BUREAU ENTOMOLOGY & PLANT QUARANTINE - HISTORY**
 i Harding, Two Blades of Grass:58-80, 1947
- ENTOMOLOGY - U. S. BUREAU ENTOMOLOGY & PLANT QUARANTINE - LASKER GROUP AWARD**
 i Haeussler, Mosq News 6:203, 1946
 Shirck, J. Ec. Ent. 39:651, 1946
- ENTOMOLOGY - U S BUREAU ENTOMOLOGY & PLANT QUARANTINE - PUBLICATIONS**
 USDA EPQ, Ent Tech. (ET) Cir 151-233,15 p., 1947.
- ENTOMOLOGY - U S BUREAU ENTOMOLOGY & PLANT QUARANTINE & WORLD WAR II**
 Baxter, Sci. Against Time:363-376, 1946.
 Fulton, J. Ec Ent 39:308, 1946.

ENTOMOLOGY & BIOLOGY, THEORETICAL

i Brues, Sci. Month. 64:123-134, 1947.

ENTOMOLOGY & CONSERVATION

i Gunderson, Iowa Conserv. 5:41, 44, 1946.

ENTOMOLOGY & MALARIA CONTROL

b Bradley, Natl. Malar. Soc. J. 4:1-8, 1945.

b Schoof, J. Ec. Ent. 38:517-522, 1945.

ENTOMOLOGY & PHYSICIANS

b Weiss, N. Y. Ent. Soc. J. 54:309-314, 1946.

ENTOMOLOGY & PLANT PATHOLOGY

Hanna, Ent. Soc. Manitoba P. 3:28-33, 1947.

ENTOMOLOGY & SILVICULTURE - WESTERN PINE

b Keen, Pan-Pac. Ent. 22:1-8, 1946.

ENTOMOLOGY & UNITED NATIONS FOOD & AGRICULTURAL ORGANIZATION

Gray, Ent. Soc. Manitoba P. 2:19-22, 1946.

ENTOMOLOGY & WAR

Anderson, USDA R. Sec. f. 1945:125-130.

Annand, Wash. Ent. Soc. P. 47:103, 1945. (Abs.)

Bunn, Mil. Surg. 101:40-44, 1947.

Houser, Ent. Soc. Amer. Ann. 38:133-134, 1945; 39:311-312, 1946.

Laake, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:1-4, 1945.

i Reed et al., J. Ec. Ent. 40:289-290, 1947.

i Simmons, Sat. Eve. Post. 217(20):18-19, 85-86, 1945.

Van Dine et al., J. Ec. Ent. 39:118, 1946.

Army Med. Libr. Hist. Div., U. S. Army Med. Dept. Bul. 7:610-612, 1947.

ENTOMOLOGY & WAR, see also ENTOMOLOGY - U. S. BUREAU OF ENTOMOLOGY & PLANT QUARANTINE & WORLD WAR II

ENTOMOLOGY & WAR - HISTORY

Oman, J. Ec. Ent. 40:284, 1947.

ENTOMOLOGY & WAR - JAPAN

Gressitt, Science. 103:755-758, 1946.

Remington, Ent. Soc. Amer. Ann. 39:448-450, 510-512, 1946.

ENTOMOLOGY & ZOOLOGY

Smith, J. Ec. Ent. 40:608-609, 1947.

ENTOMOLOGY, ECONOMIC

Anderson, USDA R. Sec. f. 1945:125-130; f. 1946:143-148, 170; f. 1947.

98:131, 138-142, 146-147.

Bird, Ent. Soc. Manitoba P. 2:23-30, 1946.

Bourne, Pests. 13(3):8, 10, 12, 1945.

Efron, Sci. Digest. 18(5):15-18, 1945.

Jardine et al., USDA OES R. f. 1943/44:47-54, 1945: f. 1944/45:51-64, 1946.

Stetson, Crown. 34(1):9-11, 21, 1945.

Trullinger et al., USDA OES R. f. 1945/46:33, 104-117, 1947.

i Life. 19(9):59-64, 1945.

ENTOMOLOGY, ECONOMIC - ALASKA

Oldroyd, Alaska R. 10:51-56, 1947.

ENTOMOLOGY, ECONOMIC - ALBERTA

Manson, Can. Ins. Pest. Rev. 23:86-94, 1945.

Manson et al., Can. Ins. Pest. Rev. 24:92-104, 1946.

Wilson et al., Alberta Dept. Agr. R. f. 1944:22-24, 114-115, 1945: f. 1945.

19-21, 81, 97-99, 1946: f. 1946:22-23, 86, 99-101, 1947.

ENTOMOLOGY, ECONOMIC - ARIZONA

Burgess, Ariz. R. 55:50-51, 1945, 56:13, 22, 35, 45-48, 66, 1946, 57:10, 19-20, 44-46, 1947.

Lauderdale et al., Ariz. St. Ent. R. f. 1944:22 p., 1945: f. 1945/46:29 p., f. 1946/47:33 p.

ENTOMOLOGY, ECONOMIC - ARKANSAS

i Ellis, Ark. B. 464:8-11, 1946.

ENTOMOLOGY, ECONOMIC - BRITISH COLUMBIA

Buckell, Can. Ins. Pest. Rev. 23:102-104, 1945, 24:115-116, 1946.

Glendenning, Can. Ins. Pest. Rev. 23:105-106, 1945, 24:117-118, 1946.

Putnam et al., B. C. Dept. Agr. R. 40:V16-V19, V45, V48-V55, V71-V81, V114-V116, V119, V125, V132, V136-V137, V144, V146, V155-V157, V160-V161, V165, 1946, 41:W25-W26, W28-W29, W34-W37, W69, W72-W77, W96, W100-W110, W118-W119, W137-W138, W148-W149, W154-W155, W161, W164, W169, W171, W175-W176, W184, 1947.

Richmond, Can. Ins. Pest. Rev. 24:123-125, 1946.

ENTOMOLOGY, ECONOMIC - CALIFORNIA

Armitage, Cal. Dept. Agr. B. 33:228-275, 1945.

Armitage et al., Cal. Dept. Agr. Sp. Pub. 209:126 p., 1945.

Armitage et al., Cal. Dept. Agr. B. 33:228-275, 1945, 34:157-212, 1946, 35:185-229, 1946.

Ryan, Los Angeles Co. Agr. Comnr. R. f. 1944/45:1-11, 17, 19.

Smith et al., in Hutchison, Cal. Agr. 239-315, 1946.

Thille et al., Cal. Agr. Res. Study. Com. R. 1:9, 11, 19, 24, 30-31, 35, 38-39, 43, 45, 47, 49, 59-60, 63, 65-66, 69, 73, 75-76, 1946, 2:17-18, 28-29, 38, 41-42, 45-46, 52, 55, 57-58, 65, 71, 75, 79-80, 90-92, 101-106, 1947.

ENTOMOLOGY, ECONOMIC - CANADA

Gardiner, Can. Min. Agr. R. f. 1944/45:53-68; f. 1945/46:16-18, 28, 35, 39, 41-42, 46, 63-68, 93-95, 111, 121-123, 150, 157, 178-182, 196; f. 1946/47:15-16, 32-33, 49, 78-104, 112-114, 167, 188-189, 206, 209-210, 239.

MacNay, Ent. Soc. Ont. R. 77:46-62, 1947.

MacNay et al., Can. Ins. Pest. Rev. 25:1-125, 1947.

Twin et al., Can. Ins. Pest. Rev. 23:1-151, 1945; 24:1-152, 1946.

ENTOMOLOGY, ECONOMIC - CANADA--
Continued.

Twinn, Ent Soc Ont R 75:45-49,
1945, 76 49-55, 1946

ENTOMOLOGY, ECONOMIC - COLORA-
DO

Gates et al, Colo Bur Plant & Ins
Control R f 1945/46, 48 p

Green, Colo R 59:10-12, 1946

Henney, Colo. R 58:16-19, 1945

ENTOMOLOGY, ECONOMIC - CON-
NECTICUT

Friend et al, Conn B. 488 301-425,
1945, 501 1-118; 512 1-114, 1946

Slate, Conn B 484 59-67, 1945

Slate, Conn R. f 1944/45 9,11-25,50-
51,54, f 1945/46 6-14,41,45

ENTOMOLOGY, ECONOMIC - CUBA

i Martinez Andreu, Cuba Min Agr
Rev 29(3), 63-68, 1946

Osorio, Control de Plagas 9 23-24,26-
27,46-47, 1947

Osorio Rojas, Control de Plagas 7 98-
99,107, 1945

ENTOMOLOGY, ECONOMIC - DELA-
WARE

Andrews & Stokes, Del St Bd Agr
Quart B. 36(3),37-42, 1946

Hopperstead & Stokes, Del St Bd
Agr Quart B 35(3) 39-42, 1945.

Schuster et al, Del B 259 13,18-24,
32,37, 1945, 263 24-28,41-42, 1947

ENTOMOLOGY ECONOMIC - DIREC-
TORIES

Amer Assoc Ec Ent East Branch,
Entoma ed 6,320 p, 1945. ed 7,
416 p, 1947

Pest Control & Sanit, Home & Gard
Alphabet Dir Pest Control Indus
U S, Can., Foreign Countries,173
p, 1947

ENTOMOLOGY, ECONOMIC - ENCYCLO-
PEDIA

Hyslop, Ent Soc Wash P 48:48-49,
1946. (Abs)

ENTOMOLOGY, ECONOMIC - FLORIDA

Merrill, Fla St. Plant Bd Bien R
16 39-40, 1946

Mowry et al., Fla. R. f 1944/45:60,
63-66,69,77,109,116,118-130,140-
142,168-169,176-178,195-199,205,
215, f 1945/46:55-64,72,88,106-107,
109-113,118,124-125,138-139,154-
158,161-163,170-172,179,187,189,
197,205, f. 1946/47:58,60-61,66-71,
115-118,123,125-127,130,140-143,
153-157,159-162,168-169,181-183,
189,203-206,247-250.

ENTOMOLOGY, ECONOMIC - GEORGIA

Alden, Ga. Dept. Ent. B. 87,15 p.,
1945; 89,18 p., 1946; 90,16 p., 1947.

King, Ga. Coastal Plain B. 43:13-14,
45-47, 1946; 44:42-45, 1947.

Stuckey, Ga. R. 57:59-67, 1945; 58:
48-49,79-84, 1946; 59:49,85-93,104-
107, 1947.

ENTOMOLOGY, ECONOMIC - HAWAII

Beaumont et al, Hawaii R. f. 1942/44:
7,59-76, 1945; f. 1944/46:7-8,58-79,
85,98-99, 1947.

Buck, Hawaiian Acad. Sci. P. 21:3-4,
1946.

ENTOMOLOGY, ECONOMIC - HAWAII--
Continued

Fullaway, Hawaii Bd Comnrs Agr &
For Bien R f 1943/44 51-56,
1945, f 1944/46 33-46

i Grammer, Hawaiian Planters' Rec
51:193-228, 1947

Pemberton, Hawaiian Sugar Planters'
Assoc R 64, Expt Sta R f

1943/44 17-21, 1945; P 66, Expt
Sta R f. 1945/46 22-26, 1947

Williams, Hawaiian Sugar Planters'
Assoc R 65, Expt. Sta R f

1944/45 16-22, 1946

Zimmerman, Hawaiian Planters' Rec
50 111-118, 1946

ENTOMOLOGY, ECONOMIC - HISTORY

Davis, Pests 14(6) 10, 1946

Van Dine, Amer Assoc Ec. Ent. Cot-
ton Sts. Branch P 19 4-5, 1945

Weiss, N Y Ent Soc J 54 114,
1946.

ENTOMOLOGY, ECONOMIC - IDAHO

Hungerford et al, Ida B 264 33-35,
1945, 268 36-42, 1946, B. 269 30-
33, 1947

ENTOMOLOGY, ECONOMIC - ILLINOIS

i Benson et al, Ill Dept Agr R 29
18,98-103,205-214,216, 1946, 30

15,114-120,217-222,229-234, 1947

i Leonard et al., Ill Dept Agr. R 28.
59-63, 108,163-168, 1945

ENTOMOLOGY, ECONOMIC - INDIANA

Reed, Ind Ext R 33 11, 1946, 34
42-44, 1947

Reed et al. Ind R 58 7,50-57,71,
1945, 59,10-12,17-18,20-21,62-66,
1946, 60 23,68-72, 1947

Wallace, Ind YB 28 930-935, 1945?

ENTOMOLOGY, ECONOMIC - INFOR-
MATION SERVICE

Annand, USDA EPQ R f 1944/45:34-
35, 1946? f 1945/46:32, 1947; f.
1946/47:37-38.

ENTOMOLOGY, ECONOMIC - INTER-
DEPARTMENTAL COMMITTEE

ON PEST CONTROL

J. Ec. Ent 39 823, 1946

ENTOMOLOGY, ECONOMIC - IOWA

Buchanan & Stevenson, Iowa R. f
1945/46 pt. 1. 102-103,194-197,224-
229,231-235, pt 2 54-57, f.

1946/47 pt 1 84-87,172-173,198-
203,209-212

Buchanan et al., Iowa R. f. 1944/45
pt. 1:207-210,245-257,268-269; pt.

2:48-49,64-71.

Drake et al., Iowa Dept. Agr YB 45.
81-111, 1945; 46:161-218, 1946; 47:
107-170, 1947.

Kildee, Iowa Ext. R. f. 1946:4-5,14-
15,24-25.

ENTOMOLOGY, ECONOMIC - KANSAS

Call et al, Kans. Bien. R. 13.43,47,
57-58,62-67, 1946.

Dean et al., Kans. St. Bd. Agr. Bien
R. 34:149-152, 1945.

Mohler et al., Kans. Ent. Comn Bien.
R. 20.40 p., 1946.

ENTOMOLOGY, ECONOMIC - KENTUCKY

Cooper, Ky. Ext. C. 404:48-49, 1945.

ENTOMOLOGY, ECONOMIC - KENTUCKY
--Continued

Cooper, Ky. R. 57:17-19,22-23,26-27,
30-31,33-34,44,52, 1945; 58:20,29-
30,34,41,47-49,52, 1946; 59:20,28-
29,34-37,45-48,50, 1947.

ENTOMOLOGY, ECONOMIC - LOUISIANA

Taggart et al., La. R. f. 1944/45:58-
65,125-129, 1946, f. 1945/46:52-56,
104-105,112-117, 1947.

i Wilson et al., La. Comnr. Agr. &
Immigr. Bien. R. 32:13-23,31-32,
36,47,55-57,69-71,75-76,83-98, 1946.

ENTOMOLOGY, ECONOMIC - MAINE

Deering, Maine Ext. B. 339:23-27,
1945; 348:19-20,22-25,32-33, 1946,
366:17-18,24-27, 1947.

Gardner et al., Maine Dept. Agr. Bien.
R. f. 1944/46:13-14,58-64,66-69.

i Griffie et al., Maine B. 438:513-514,
517-526,538-540,544,573,581-584,
592,595,640,644-645,649-654,661-
663,667,684, 1945; 442:124-142,146-
150,183-186,188-190,217-222,228-
229,238-239,274-282,287,298-302,
1946, 449:262-276,281-298,343-356,
362,364-367,379-380,384-385,389-
390,398,400,406-414,423-427,432-
433,489-491,495, 1947.

ENTOMOLOGY, ECONOMIC - MANTOBA

Bird & Mitchener, Can. Ins. Pest Rev
23:60-69, 1945; 24:67-73, 1946.

ENTOMOLOGY, ECONOMIC - MARYLAND

Kemp, Md. R. 58:16-18, 1945; 59:17-
20, 1946; 60:15-16, 1947.

ENTOMOLOGY, ECONOMIC - MASSACHUSETTS

Sievers et al., Mass. B. 428:28-30,
33-43,59-60, 1945; 436:17-19,29-
30,33-45,61, 1946; 441:28-29,33-45,
63, 1947.

ENTOMOLOGY, ECONOMIC - MEXICO

Gomez, Fitofilo 4:131-148, 1945.

ENTOMOLOGY, ECONOMIC - MICHIGAN

Baldwin, Mich. Ext. R. 31 in Mich. St.
Bd. Agr. R. 84:277, 1946; R. 32 in
Mich. St. Bd. Agr. R. 85:332-333,
1947.

Figy, Mich. St. Dept. Agr. Bien. R. 11:
65-70,87-97,108-110,138-143, 1945;
12:73-79,108-120,130-133,164-169,
1947.

Gardner, Mich. R. 58 in Mich. St. Bd.
Agr. R. 84:221-222, 1946; 59 in
Mich. St. Bd. Agr. R. 85:266-268,
1947.

ENTOMOLOGY, ECONOMIC - MISSISSIPPI

Dorman, Miss. R. 58:23-24, 1946; 59:
26-27, 1947?

i Jones, Miss. Ext. B. 140:30, 1947.

ENTOMOLOGY, ECONOMIC - MISSOURI

Burch, Mo. Ext. C. 529:15, 1946.

Douglass, Mo. St. Dept. Agr. Bien. R.
f. 1945/47:37-41.

Haseman, Mo. B. 490:56-58, 1945;
491:18-20, 1946; 510:32-34, 1947.

ENTOMOLOGY, ECONOMIC - MONTANA

Mills et al., Mont. B. 425:30 p., 1945;
442:22 p., 1947.

ENTOMOLOGY, ECONOMIC - NEBRASKA

Burr et al., Neb. R. 58:52-63, 1945;
59:55-64, 1946; 60:50-56,92,95-96,
1947.

Howard et al., Neb. Dept. Agr. & Insp.
Bien. R. f. 1940/44:54-56,71-82,139-
152, f. 1945/47:24-25,39-43.

ENTOMOLOGY, ECONOMIC - NEVADA

Schweis, Nev. St. Dept. Agr. Bien. R.
f. 1944/46:17-25,28

ENTOMOLOGY, ECONOMIC - NEW BRUNSWICK

Taylor et al., N. B. Dept. Agr. R. f.
1944/45:15-16,59-60,65-66,88-90;
f. 1945/46:17-18,64-65,69,83-85,97-
98,104-106; f. 1946/47:13-16,18-19,
67-68,72,89-95,98-99,122-123; f.
1947/48:15-16,18,20,71-72,74-76,
99-100,102-104,106-108,146-147.

ENTOMOLOGY, ECONOMIC - NEW HAMPSHIRE

Eastman et al., N. H. B. 363:40-43,
1945, 367:31-34,44-45, 1946, 372:
30-33,42, 1947

ENTOMOLOGY, ECONOMIC - NEW JERSEY

Martin, N. J. R. 66:34,37,41-44,50-
51,53,59-60,87-91, 1946, 67:31,34,
39-41,43-44,46-55,60-61,67,80-83,
1947?

Weiss, N. J. Dept. Agr. R. 30:177-
200, 1945, 31:139-162, 1946, 32:
144-171, 1947.

ENTOMOLOGY, ECONOMIC - NEW MEXICO

Curry, N. Mex. R. 56:44-48, 1946?
57:17,20-21,27-32, 1947?

ENTOMOLOGY, ECONOMIC - NEW YORK

DuMond et al., N. Y. Dept. Agr. &
Mkts. R. f. 1944:98-121, 1945; f.
1945:27-28,73,120-144, 1947; f.
1946/47:15-19,125-154,170.

Heinicke et al., N. Y. (G.) R. 64:26-
27,30-40,44,48, 1946; 65:15-25,28,
34,38,44-45, 1947.

Myers et al., N. Y. (C.) R. 57:50-55,
110,120-127, 1945; 58:53-58,64,
115-124,142-143, 1946; 59:8-9,34,
44-50,117-124,147, 1947.

Simons, N. Y. (C.) Ext. B. 699:24-27,
1946.

ENTOMOLOGY, ECONOMIC - NORTH CAROLINA

Bayer, N. C. R. 68:21,26,54,58-59,62-
63,65,70, 1945; 69:21-23,26,55-56,
61,73,78,80-81, 1946.

ENTOMOLOGY, ECONOMIC - NOVA SCOTIA

McDonald et al., N. S. Dept. Agr. R.
f. 1943/44:100-104,123-127,162-170,
1945.

Mackenzie et al., N. S. Dept. Agr. &
Mktg. R. f. 1944/45:102-107,125-
130,172-179, 1946; f. 1945/46:90-100,
169-172, 1947.

ENTOMOLOGY, ECONOMIC - NOVA

SCOTIA--Continued

Patterson & Neary, Can. Ins. Pest
Rev 23.10-14, 1945, 24:14-17, 1946

ENTOMOLOGY, ECONOMIC - OHIO

Hodson et al., Ohio Dept Agr Bien
R f 1945/46 7-8,36-40, 1947
Secrest et al., Ohio B 665:18-20,23-
25,30-32,42, 1946, 673:14-15,45-48,
59-64,69-72,75-77,88, 1947

ENTOMOLOGY, ECONOMIC - OKLA- HOMA

Blizzard, Okla. Bien R f 1944/46 pt
1 10,36,42-44,48,51,55,58-59,71,77
Brown, Okla. C 433 16,26, 1946.

ENTOMOLOGY, ECONOMIC - ONTARIO

Christie, Ont Agr. Col. & Expt Farm
R 70 65-67, 1945
b Jones, History of Agr. in Ont 1613-
1880 9,11,22,25-26,88,100,209,212,
244,317, 1946

Kennedy et al., Ont. Dept Agr R f
1944/45 12-13,15,73-74,108-110, f
1945/46 14,16-17,54,70,120-123, f
1946/47 9,18-19,24,73-74,93,107,141,
157-158

Reeks, Ont Agr Col & Expt Farm
R 71 27,31,52-54,58,73-75,86, 1946

Sheppard, Can. Ins. Pest Rev 23 40-
43, 1945, 24 50-52, 1946

Thompson, Can. Ins. Pest Rev 23:28-
37, 1945, 24 36-44, 1946

Wressell, Can. Ins. Pest Rev 23 43-
51, 1945, 24:53-60, 1946

ENTOMOLOGY, ECONOMIC - OREGON

Peterson et al., Oreg. Dept Agr Bien
R f. 1944/46 26,39-49,66

ENTOMOLOGY, ECONOMIC - PENNSYL- VANIA

i Lininger et al., Pa B 475 10-12,19,
21,27-30,34,37-38, 1945, 480 10-11,
23-24,31-32,39-41,50,53-54,56-57,
1946, 488.5-7,9,16,18,28-29,44-45,
1947

Pa B 464 sup. 3.10, 1945, 475 sup. 1
1-6, 1946, 480 sup 1:6-7, 1946, 480
sup 3.8-10, 1947

ENTOMOLOGY, ECONOMIC - PRINCE EDWARD ISLAND

Cannon, Can. Ins. Pest Rev 23 7-10,
1945, 24:9-13, 1946.

ENTOMOLOGY, ECONOMIC - PUERTO RICO

i Bartlett, Chemurg. Digest 6:61-62,
1947.

Bartlett et al., P. R. (Mayaguez) R f
1944.4-16,21,28-28,33, 1945; f. 1945.
4-24,29-30,37-40,42-43, 1946

Roque, P. R. (Río Piedras) R f.
1943/44:16-17,24-25,30-32,34-35,41,
59-60, 1946.

ENTOMOLOGY, ECONOMIC - QUEBEC

Duncan, Quebec Min. Agr. R f.
1945/46:27-29, 1947.

Gauthier, Quebec Min. Agr. R. f.
1944/45:59-60.

Gauthier, Can. Ins. Pest Rev. 23:25-37,
1945; 24:30-33, 1946.

Maltais, Can. Ins. Pest Rev. 23:22-23,
1945.

Petch & Beaulieu, Can. Ins. Pest Rev.
23:23-25, 1945.

ENTOMOLOGY, ECONOMIC - RE- SEARCH

Van Dine, J. Ec Ent 39 1-5, 1946

ENTOMOLOGY, ECONOMIC - RHODE ISLAND

Campbell, R. I. R. 57 19, 1945, 58
34, 1946, 59 21-29, 1947

Eddy, R. I. Dept Agr & Conserv R
10.41-60, 1945

i Knutson, R. I. Dept Agr. & Con-
serv R 12.31-57, 1947

Leaver, R. I. Dept Agr & Conserv
R 11:30-43, 1946.

ENTOMOLOGY, ECONOMIC - SAS- KATCHEWAN

Arnason, Can. Ins. Pest Rev 24 80-
91, 1946

King et al., Can. Ins. Pest Rev 23
75-86, 1945

McIntosh et al., Saskatch Dept Agr
R. 40 70-74,107-115,149, 1945

Nollet et al., Saskatch Dept Agr R
41 83-84,94,111-115,149, 1946, 42
23,91-92,103,126,128-130,203-207,
1947.

ENTOMOLOGY, ECONOMIC - SOUTH CAROLINA

Cooper et al., S. C. R. 57 57-66,99-
104,114-117,122-123,129-132, 1945,
58 49-50,57-65,101-105,108-113,
1946, 59 14-24,68-75,90-93,95-96,
109-113,119-127,158-163,172, 1947.

ENTOMOLOGY, ECONOMIC - SOUTH DAKOTA

Johnson et al., S. Dak. R. 58 33-34,
1945, 59 10,15-18, 1946 60 12-13,
15-19, 1947

ENTOMOLOGY, ECONOMIC - TENNES- SEE

Brehm et al., Tenn R 59:90-95,100,
1947

Moores et al., Tenn R 57 76-78,82,
1945, 58 107-117,121, 1946

i Van Cleave et al., Tenn Dept Agr
Bien R f 1944/46 35,41,57,69-76,
98-99,120-134

ENTOMOLOGY, ECONOMIC - TEXAS

Lewis, Tex R 59:44-45,50,80,97,
1947

McDowell, Tex R 58:26-27,54-56,67-
69,73, 1946

ENTOMOLOGY, ECONOMIC - UTAH

Knowlton, Ins. Pest & Ins. Control,
5 p., 1947

Walker, Utah B. 327 4-6,11,39, 1947

Welling et al., Utah St. Bd. Agr Bien
R 12.35, 1946? , 13 26,30-31,55-56,
1947?

ENTOMOLOGY, ECONOMIC - VAN- COUVER ISLAND

Downes, Can. Ins. Pest Rev. 23.113-
114, 1945, 24:126-128, 1946.

ENTOMOLOGY, ECONOMIC - VERMONT

Judd et al., Vt. Comnr. Agr. Bien. R.
23.9,77-87, 1946.

ENTOMOLOGY, ECONOMIC - VIRGINIA

Wampler et al., Va. Dept. Agr. & Im-
migr. R. f. 1944/45.15,39-40,51-61;
f. 1945/46:28-29,35,47-58.

Young et al., Va. R. f. 1945/46.34-37;
f. 1946/47:29-32,40,53

ENTOMOLOGY, ECONOMIC - WASHINGTON

Buchanan et al., Wash. B. 482:40-43, 45,47-50,63-65,71,74-76,96-97, 1946.
Johnson, Wash. B. 470:36-40,119-125, 1945.

ENTOMOLOGY, ECONOMIC - WEST VIRGINIA

McLaughlin, W. Va. Dept. Agr. Bien R. 17:61-72,89, 1946.
i Sherwood & Bishop, W. Va. Ext. C. 325 rev.,59 p., 1945.

ENTOMOLOGY, ECONOMIC - WISCONSIN

Button et al., Wis. Dept. Agr. B. 274. 34-36,72-90, 1946.
Clark & Hoveland, Wis. B. 466:2-6, 17-22,49-50,58, 1945; 469:15-16, 18-19,27-28,32-36,38-39,42-43,65-70, 1946; 472 4,7-10,14-19,21,23-24,36-40,58-59, 1947.

ENTOMOLOGY, ECONOMIC - WYOMING

Hill, Wyo. R. 54.14-15,24-27, 1946?, 55:23-27, 1946?; 56:12-17,30, 1947.

ENTOMOLOGY, ECONOMIC & INDUSTRY

Fisher, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:68, 1947.

ENTOMOLOGY, ECONOMIC & PEST CONTROL INDUSTRY

Smith, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:49, 1945.

Tisdale, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:37-41, 1945

ENTOMOLOGY, ECONOMIC & TAXONOMY

Freeman, Ent. Soc. Ont. R. 77.8-9, 1947

ENTOMOLOGY, EXTENSION

Johnson et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:12-14, 1945.

Jones et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:20-26, 1946.

Martin, N. J. R. 67:51, 1947?

ENTOMOLOGY, EXTENSION & COTTON INSECT CONTROL

Jones, Southeast. Cotton Ins. Control Conf. R. P. 1:35-37, 1947. (Abs.)

Ruffin, Southeast. Cotton Ins. Control Conf. R. P. 1:55-56, 1947.

Schaub, Southeast. Cotton Ins. Control Conf. R. P. 1:33-34, 1947. (Abs.)

Watkins, Southeast. Cotton Ins. Control. Conf. R. P. 1:34-35, 1947. (Abs.)

ENTOMOLOGY, EXTENSION & PEST CONTROL OPERATORS

Jones, Pests 15(11):22, 1947.

ENTOMOLOGY, EXTENSION & RURAL HEALTH

Jones et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:64-65, 1947.

ENTOMOLOGY, JUVENILE

bi Partridge, Nat. Sci. through the Seasons:45-51,125-129,162-164.
Smith-Roy, For. Quebecoise 11:415, 1946.

ENTOMOLOGY, MEDICAL

b Bishopp, N. Y. Acad. Med. B. 21. 561-580, 1945.

Bishopp, Pest Control & Sanit. 1(12). 14-15, 1946.

Bradley et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:23-25, 1945

bi Cameron, Parasites of Man ed 2: 119-172, 1946.

i Whitlock, Illus. Lab. Outline Vet. Ent. & Helminth. 4-13,28-49, 1947.

Williams, Ent. Soc. Manitoba P. 1:32-34, 1945.

bik Zeffiff, Man. Med. Parasit. 74-108, 1947.

ENTOMOLOGY, MEDICAL, see also INSECTS & DISEASE

ENTOMOLOGY, MEDICAL - BIBLIOGRAPHY

USDA BAI, Index-Cat. Med. & Vet. Zool. pt. 7:1755-2272, pt. 8:2273-2582; pt. 9:2583-2966, 1946

ENTOMOLOGY, MEDICAL - MILITARY ZONES

Hermes, J. Ec. Ent. 38:8-11, 1945

ENTOMOLOGY, MEDICAL - TROPICS

i Manson-Bahr, Manson's Trop. Dis. ed 12:942-998, 1945

Meleney, Amer. J. Trop. Med. 25(1):63-65, 1945

Sawyer, Amer. J. Trop. Med. 25(1):1-4, 1945

b Vedder, Amer. J. Trop. Med. 25(1):5-9, 1945

ENTOMOLOGY, MEDICAL - U. S. ARMY

i Reed et al., J. Ec. Ent. 40:289-293, 1947.

ENTOMOLOGY, MEDICAL & PUBLIC HEALTH

Olson, Amer. J. Pub. Health 36:1031-1034, 1946.

ENTOMOLOGY, MILITARY, see ENTOMOLOGY & WAR

ENTOMOLOGY, PREVENTIVE

Annand, J. Ec. Ent. 40:461-468, 1947

ENTOMOLOGY, SYSTEMATIC, see ENTOMOLOGY, TAXONOMIC

ENTOMOLOGY, TAXONOMIC

Annand, USDA EPQ R. f. 1943/44:23-24; f. 1944/45:34; f. 1946/47:37

Ball, Science 103:713-714, 1946

Creighton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:10, 1945.

b Emerson, Ent. News 56:14-19, 1945

Munro, Coleopterists' Bul. 1:36-37, 1947.

Schmitt, U. S. Natl. Mus. R. f. 1943/44:39-41, 1945, f. 1944/45:42-44, 1946; f. 1945/46:44-46, 1947, f. 1946/47:34-37.

Torre-Bueno, Bklyn. Ent. Soc. B. 41:144, 1946.

ENTOMOLOGY, TAXONOMIC - CALIFORNIA

Kelfer, Cal. Dept. Agr. B. 33:248-252, 1945; 34:186-191, 1946; 35:208-209, 1947.

ENTOMOLOGY, TAXONOMIC - CANADA

Gardiner, Can. Min. Agr. R. f. 1944/45:63-64; f. 1945/46:17,76-77, f. 1946/47:94-95.

- ENTOMOLOGY, TAXONOMIC - FAMILY NAMES
Sabrosky, Amer. Nat. 81 153-160, 1947.
- ENTOMOLOGY, TAXONOMIC - GENO-TYPES
Collin, N. Y. Ent. Soc. J. 54 207-210, 1946.
- ENTOMOLOGY, TAXONOMIC - GENO-TYPES - CHALCIDOIDEA - ASHMEAD
Gahan & Peck, Wash. Acad. Sci. J. 36 314-317, 1946
- ENTOMOLOGY, TAXONOMIC - GROUPS
Forbes, Ent. News 56 279, 1945.
Steyskal, Ent. News 57 57-58, 1946.
- ENTOMOLOGY, TAXONOMIC - JOHNS HOPKINS
Fosdick, Rockefeller Found. R. f. 1946-93.
- ENTOMOLOGY, TAXONOMIC - PARALLEL CHARACTERS
b Hovanitz, Mich. Univ. Lab. Vertebrate Biol. Contrib. 32, 24 p., 1947.
- ENTOMOLOGY, TAXONOMIC - SPECIES
Barker, Ent. Soc. Manitoba P. 3:43-60, 1947.
- ENTOMOLOGY, TAXONOMIC - TERMINOLOGY, see ENTOMOLOGY - TERMINOLOGY
- ENTOMOLOGY, TAXONOMIC - TYPES, FABRICIAN
Blackwelder, Bklyn. Ent. Soc. B. 41 72-78, 1946.
- ENTOMOLOGY, TAXONOMIC & BIOLOGICAL CONTROL
b James, Quebec Soc. Protect. Plants R. 30 51-53, 1947
- ENTOMOLOGY, TAXONOMIC & ECONOMIC ENTOMOLOGY
Freeman, Ent. Soc. Ont. R. 77.8-9, 1947.
- ENTOMOLOGY, TAXONOMIC & ZOOGRAPHY
b Metcalf, Elisha Mitchell Sci. Soc. J. 62.149-175, 1946.
- ENTOMOLOGY, VETERINARY
Laake, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19.25-26, 1945.
i Whitlock, Illus. Lab. Outline Vet. Ent. & Helminth 4-13, 28-49, 1947.
- ENTOMOLOGY, VETERINARY, see also INSECTS & ANIMAL DISEASE
- ENTOMOPHAGOUS INSECTS, see also PARASITES, PREDATORS
- ENTOMOPHAGOUS INSECTS - EFFICACY - MEASUREMENT
b DeBach, J. Ec. Ent. 39.695-697, 1946.
- ENTOMOPHOBIA
Montgomery, Pest Control & Sanit. 2 (6):12, 1947.
Spencer, B. C. Ent. Soc. P. 42 15-16, 1945.
b Wilson & Miller, Arch. Dermat. & Syph. 54.39-56, 1946.
Wilson & Miller, Sci. News Let. 50: 283, 1946.
- ENTOMOSCELIS AMERICANA Brown (RED TURNIP BEETLE)*
Arnason et al., Can. Ins. Pest Rev. 24.87, 1946.
- ENTOMOSCELIS AMERICANA--Continued.
Oldroyd, Alaska R. 10.55, 1947.
Peterson, Can. Ins. Pest Rev. 24.110, 1946.
Strickland & Arnason, Can. Ins. Pest Rev. 25.33, 1947.
- ENTONYSSUS FRAGILIS Keegan
ni Keegan, Amer. Micros. Soc. Trans. 65:73, 1945.
- EOMENACANTHUS STRAMINEUS (Nitz.) (CHICKEN BODY LOUSE)*
Alicata et al., Hawaii R. f. 1944/46. 98, 1947.
i Bice, Hawaii Ext. C. 86 rev. 1-3, 1947.
i Gannon, Ga. Ext. B. 524 rev. 34-35, 1947.
Marsden & Martin, Turkey Mangt. ed. 4 651-652, 1946.
- EOMENACANTHUS STRAMINEUS - INSECTICIDES
Alicata et al., Poult. Sci. 25 376-380, 1946.
Alicata et al., J. Ec. Ent. 40:922-923, 1947.
Lee, Profitable Poult. Mangt. rev. 236-237, 1947.
b Telford, J. Ec. Ent. 38 573-576, 700-703, 1945, 40 918-921, 1947.
Roberts & Peterson, Poult. Sci. 26. 588-593, 1947.
Simms, USDA BAI R. f. 1946/47-58.
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65 8-9, 1947.
Warren, Poult. Sci. 24 473-476, 1945
- EOXENOS LABOULBENEI Peyrhi
b Bolivar & Pieltain, Ciencia 6 371-373, 1946.
- EPAGOGE OSTEOMELESANA Swezey
n Swezey, Hawaiian Ent. Soc. P. 12 626-627, 1946.
- EPAMEIBAPHIS THORNLEYI Knowlton
n Knowlton, Ent. News 57 153-155, 1946.
- EPEIRA TRIFOLIUM Hentz
Arnason et al., Can. Ins. Pest Rev. 24.91, 1946.
- EPHEMERA GUTTULATA Pict (GREEN DRAKE)
Wetzel, Pa. Angler 16(8):5, 16, 1947.
- EPHEMERA SIMULANS Wlkr. AS FOOD OF FISH
b Leonard, Ent. Soc. Amer. Ann. 40. 688-691, 1947.
- EPHEMERIDA
Abbott, Frontiers 9 110-111, 120, 1945.
bni Berner, Fla. Ent. 28:60-82, 1946.
ni Burks, Ent. Soc. Amer. Ann. 39 607-615, 1946.
Sprules, Toronto Univ. Studies Biol. Ser. 56.17, 20, 22-23, 25, 28-35, 39-45, 47-49, 53-54, 60-64, 66, 69-70, 74-76, 1947.
Wetzel, Pa. Angler 16(8):5, 16, 1947.
- EPHEMERIDA - MINNESOTA
bni Daggy, Ent. Soc. Amer. Ann. 38 373-396, 1945.
- EPHEMERIDA - PREDATORS - BIRDS
Riggs, Wilson Bul. 59.113, 1947.
- EPHEMEROPTERA, see EPHEMERIDA

- EPHESTIA Guen. - NUTRITION
Fraenkel, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:2, 1947.
- EPHESTIA sp.
Gray, Can. Ins. Pest Rev. 24:131-132,
1946.
- EPHESTIA CAUTELLA (Wlkr.) (ALMOND
MOTH)* (FIG MOTH)
Balzer & Cotton, USDA FB 1906 rev..
4-5, 1947.
Condit, Fig:186, 1947.
Donohoe, Pests 14(9):32,34, 1946.
Michelbacher, Pests 15(6):12, 1947.
Stuckey, Ga. R. 57:61-62, 1945; 59:
93, 1947.
- EPHESTIA CAUTELLA - PEANUTS,
SHELLED
Bissell & Du Pree, J. Ec. Ent. 39:550-
552, 1946.
- EPHESTIA CAUTELLA - THEATRE
PEST
Davis, Pests 15(7):38, 1947.
- EPHESTIA ELUTELLA (Hbn.) (TOBACCO
MOTH)*
Conner & Kulash, N. C. Ext. C. 299
11-12, 1947.
Donohoe, Pests 14(9):34, 1946.
Garner, Prod. of Tob.:296-300, 1946.
Gray, Can. Food Packer 17(11):29,
1946.
Gray, Can. Ins. Pest Rev. 25:124, 1947.
Gray & Smallman, Can. Dept. Agr. Div.
Ent. Processed Pub. 20:6, 1945.
Wressell, Can. Ins. Pest Rev. 24:57,
1946.
Tob. Ins. Conf. Recom. Com. Recom.
Control Tob. Ins. f. 1948, Flue-Cured
Tob.:10; Stored & Mfd. Tob., 4 p.,
1947.
USDA Tob. Advisory Com., Rpt. & Re-
com. under Res. & Mktg. Act. of
1946. 11-12, 1947.
- EPHESTIA ELUTELLA - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47:7.
Tenhet, J. Ec. Ent. 38:449-451, 1945.
Tenhet, USDA EPQ E-717,5 p., 1947.
- EPHESTIA ELUTELLA - INSECTICIDES -
DDT
White, USDA EPQ E-642.7, 1945; E-
692.8, 1946.
- EPHESTIA ELUTELLA - PACKING
SANITATION
Stahl & Thomas, USDA EPQ E-632,
6 p., 1945.
- EPHESTIA ELUTELLA - REARING
bi Bare et al., USDA EPQ ET-247,
11 p., 1947.
- EPHESTIA ELUTELLA - REDRYING TO-
BACCO
i Tenhet & Bare, J. Ec. Ent. 39:607-
609, 1946.
- EPHESTIA ELUTELLA - THERMAL
VACUUM
Bare et al., J. Ec. Ent. 39:612-613,
1946.
- EPHESTIA FIGULIELLA Greg. (RAISIN
MOTH)*
Barnes & Lindgren, Date Grow. Inst.
R. 24:3-4, 1947.
Condit, Fig:186, 1947.
Donohoe, Pests 14(9):32, 1946.
- EPHESTIA FIGULIELLA - HOT WA-
TER
Gregory & Featherston, Ent. Soc. Ont.
R. 75:34-35, 1945.
- EPHESTIA KUHNIELLA Zell. (MEDI-
TERRANEAN FLOUR MOTH)*
i Cotton, Northw. Mill. Mill. Prod.
Sect. 222(2):3a, 1945.
i Cotton, Pest Control & Sanit. 2(12):
11-12, 1947.
Cotton & Frankenfeld, USDA EPQ E-
877:2, 1945.
i Cotton et al., USDA C. 720:13-14,
1945.
Donohoe, Pests 14(9):34, 1946.
i Gray, Can. Food Packer 17(10):32;
(11):29, 1946.
Haas, Can. Baker 60(11/12):54, 1947.
i Holmes, Bakers' Helper 86(1072):80,
1946.
i Linsley & Michelbacher, Pest Con-
trol & Sanit. 1(10):12-13, 1946.
Michelbacher, Assoc. Oper. Mill. B ,
Feb. 1947 1579-1580.
Michelbacher, Pests 15(6):12, 1947.
Smallman, Wallerstein Lab. Commun.
8 161, 1945.
- EPHESTIA KUHNIELLA - GENES
bi Caspari, Genetics 31:444-474, 1946.
- EPHESTIA KUHNIELLA - INSECTICIDES
Smallman, Amer. Mill. 73(7):56,58,
1945.
Srivastava & Wilson, J. Ec. Ent. 40
569-571, 1947.
- EPHESTIA KUHNIELLA - INSECTI-
CIDES - FUMIGANTS
Johnson, Amer. Mill. 74(4):48, 1946.
Monro, Sci. Agr. 27:270-271, 1947.
Monro & Delisle, Sci. Agr. 25:797-
816, 1945; abridged in Pests 14(9):
14,16-17,20-22, 1946.
Osorio, Control de Plagas 8:133,135-
136, 1946.
- EPHESTIA KUHNIELLA - PACKAGED
GOODS
Michelbacher, Mod. Packaging 20(5):
143-145,172, 1947.
- EPHESTIA KUHNIELLA - PARASITES
b Abdel-Malek, Ohio J. Sci. 47:206-
216, 1947.
- EPHESTIA KUHNIELLA - PARASITES -
COCCIDIA
bi Steinhilber, J. Parasit. 33:29-32,
1947.
- EPHESTIA KUHNIELLA & ELECTRICITY
(HIGH FREQUENCY FIELDS)
Webber et al., J. Ec. Ent. 39:493-497,
1946.
- EPHESTIA SERICARIUM (Scott), see
EPHESTIA ELUTELLA (Hbn.)
- EPHESTIODES NIGRELLA Hulst
Donohoe, Pests 14(9):34, 1946.
- EPHIALTES sp.
Jaynes & Marucci, J. Ec. Ent. 40:11,
1947.
- EPHIALTES AEQUALIS (Prov.), see
COCCYGOMIMUS AEQUALIS
(Prov.)
- EPHIALTES CAUDATUS Ratz.
Annand, USDA EPQ R. f. 1944/45:24.

- EPHIALTES CAUDATUS**--Continued.
 Boyce, Quebec Soc. Protect. Plants R. 30:98-100, 1947.
 Robertson, B. C. Dept. Agr. R. 41:W75, 1947.
- EPHIALTES HAWAIIENSIS** (Cam.), see **COCCYGOMIMUS PUNICIPES** (Cress.)
- EPHIALTES OBESUS** (Cushm.), see **ITOPLECTIS OBESUS** Cushm.
- EPHIALTES ONTARIO** (Cress.).
 Coppel, Ent. Soc. Ont. R. 77:39-40, 1947.
 Picard, Quebec Min. Lands & For. R. f. 1944/45:113, 1946.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:12, 1947.
 Wilkes & Anderson, Ent. Soc. Ont. R. 77:41,43, 1947.
- EPHIALTES RUFICOLLIS** (Grav.)
 Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites 69,72-74, 1947.
- EPHIALTES TURIONELLAE** (L.), see **COCCYGOMIMUS TURIONELLAE** (L.)
- EPHISTEMUS APICALIS** Lec.
 Frost, Psyche 53 21, 1946.
- EPHYDRA GRACILIS** Pack.
 Wirth, Hawaiian Ent. Soc. P. 13:141-142, 1947.
- EPHYDRA GRACILIS** - PARASITES
 Wirth, Hawaiian Ent. Soc. P. 13:29, 1947.
- EPHYDRA HIANS** Say, see **HYDROPYRUS HIANS** (Say)
- EPHYDRIDAE** - NEOTROPICS
 nk Cresson, Amer. Ent. Soc. Trans. 71:129-163, 1945, 72:227-240, 1946, 73:35-61, 1947.
- EPHYRIADES ARCAS** (Drury)
 Martorell, P. R. Univ. J. Agr. 29 491-492, 1945.
- EPIBLEMA SCUDDERIANA** (Clem.)
 Hoffmann, J. Ec. Ent. 38:357, 1945.
- EPIBLEMA STRENUANA** (Wlkr.) (RAG-WEED BORER)* - PARASITES
 Allen, J. Ec. Ent. 38:119, 1945.
- EPIBLEMA TRIPARTITANA** (Zell.)
 Hoffmann, J. Ec. Ent. 38:357, 1945.
- EPICERUS IMBRICATUS** (Say) (IMBRICATED SNOOT BEETLE)*
 Smith et al., Kans. Ent. Soc. J. 20:54, 1947.
- EPICAUTA Dej.** - AMERICA (NORTH OF MEXICO)
 nk Werner, Harvard Univ. Mus. Compar. Zool. B. 95:421-517, 1945.
- EPICAUTA** sp.
 Bird & Mitchener, Can. Ins. Pest Rev. 24:67, 1946.
- EPICAUTA FABRICII** (Lec.) (ASH-GRAY BLISTER BEETLE)*
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:55, 1945.
 Peterson, Can. Ins. Pest Rev. 25:2, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:70, 1947.
- EPICAUTA LEMNISCATA** (F.) (THREE-STRIPED BLISTER BEETLE)*
 Bottger & Levin, USDA EPQ E-729, 23 p., E-738:2, 1947.
 Dorman, Miss. R. 59:27, 1947?
 Gertler, USDA EPQ E-705:2-3, 1946; E-732:3, 1947.
 Mayer & Gahan, USDA EPQ E-646 4-10, 1946.
 b Mayer et al., USDA EPQ E-725:3-10, 1947.
- EPICAUTA LEMNISCATA** - INJURY TO CATTLE
 Leaver, R. I. Dept. Agr. & Conserv. R. 11:41, 1946.
- EPICAUTA LONGICOLLIS** (Lec.)
 Flock, Ariz. St. Ent. R. f. 1944 15, 1945.
- EPICAUTA MACULATA** (Say) SPOTTED BLISTER BEETLE)*
 Manson et al., Can. Ins. Pest Rev. 24: 95, 1946.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:55, 1945, f. 1945:57, 1946.
 Peterson, Can. Ins. Pest Rev. 24:108, 1946.
 Peterson & Manson, Can. Ins. Pest Rev. 25:2, 1947.
- EPICAUTA MARGINATA** auct., not F. (In part), see **EPICAUTA PESTIFERA** Werner
- EPICAUTA MURINA** (Lec.) - PROVENTRICULUS
 i Judd, Ent. Soc. Amer. Ann. 40:518-521, 1947.
- EPICAUTA PARDALIS** Lec. (WHITE-SPOTTED BLISTER BEETLE)
 Burgess, Ariz. R. 57:46, 1947.
 i Vorhies & Wehrle, Ariz. B. 203.14, 1946.
- EPICAUTA PENNSYLVANICA** (Deg.) (BLACK BLISTER BEETLE)*
 Gould, Ind. R. 60:69, 1947.
 Granovsky, Minn. Hort. 75:37, 1947.
 Stirrett & Cannon, Can. Ins. Pest Rev. 25:3, 1947.
 Wressell, Can. Ins. Pest Rev. 24:60, 1946.
- EPICAUTA PESTIFERA** Werner (MARGINED BLISTER BEETLE)*
 Owens et al., J. Ec. Ent. 40:423-424, 1947.
 Werner, Harvard Univ. Mus. Compar. Zool. B. 95:457-458, 1945.
- EPICAUTA SOLANI** Werner, see **EPICAUTA PESTIFERA** Werner
- EPICAUTA SUBGLABRA** (Fall)
 Arnason et al., Can. Ins. Pest Rev. 24:86, 1946.
 Neatby et al., Line Elevators Farm Serv. B. 5:34-36, 1945.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:55, 1945.
 Peterson, Can. Ins. Pest Rev. 25:2, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:70, 1947.
- EPICAUTA UNICOLOR** Horn, see **EPICAUTA FABRICII** Lec.

- EPICAUTA UNICOLOR Kby. (in North America), see EPICAUTA MURINA (Lec.)
- EPICAUTA VITTATA (F.) (STRIPED BLISTER BEETLE)*
1 Lincoln, Ark. Ext. C. 438 5, 1945.
- EPICRANION CHAMPIONI Fowler
Martorell, P. R. Univ. J. Agr. 29:371, 1945.
- EPIDIASPIS LEPERII (Del G.), see EPIDIASPIS PIRICOLA (Del G.)
- EPIDIASPIS PIRICOLA (Del G.) (ITALIAN PEAR SCALE)*
Howard & Brooks, Cal. Ext. C. 117 rev.:66,72, 1947.
Jardine et al., USDA OES R. f. 1944/45: 55, 1946.
- EPILACHNA Dej.
Omer-Cooper & Glaholm, Cit. Leaves 26(5) 28, 1946.
- EPILACHNA BOREALIS (F.) (SQUASH BEETLE)*
Woodward, N. & S. Dak. Hort. 18:104, 1945.
- EPILACHNA CORRUPTA Muls., see EPILACHNA VARIVESTIS Muls.
- EPILACHNA VARIVESTIS Muls. (MEXICAN BEAN BEETLE)*
1 Bissell & Dupree, Ga. B. 254-6-7, 1947.
Blasberg, Vt. Ext. C. 109 rev.:34, 1946.
1 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:30-32, 1947.
1 Conklin & Richards, N. H. Ext. Folder 14:6-7, 1946.
Davis, Ind. Acad. Sci. P. 56.150, 1947?
Flock, Ariz. St. Ent. R. f. 1944:15, 1945.
Henney, Colo. R. 58:17, 1945.
Leaver, R. I. Dept. Agr. & Conserv. R. 11:34, 1946.
1 Pepper, N. J. C. 495, 12 p., 1945.
Pepper, Pa. Veg. Grow. News 15(2): 34-35, 1945.
Pratt et al., N. Y. (C.) Ext. B. 696 rev.:41-42, 1947.
Rice et al., Del. B. 259:23, 1945.
1 Stanley & Marcovitch, Tenn. C. 97: 1-3, 1947.
1 Vorhies & Wehrle, Ariz. B. 203:24-26, 1946.
Watson, Fla. Grow. 55 [i.e. 54](9):15, 1946.
White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:9, 1945; in 1945:12, 1946.
1 U. S. Camera 8(1):37, 1945.
- EPILACHNA VARIVESTIS - CALIFORNIA
Armitage, J. Ec. Ent. 40:865-869, 1947.
Armitage et al., Cal. Dept. Agr. B. 35:198, 1946.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1946/47:10.
- EPILACHNA VARIVESTIS - CANADA
Doyle, Quebec Soc. Protect. Plants R. 29:44, 1945?; 30:63, 1947.
Duncan, Quebec Min. Agr. R. f. 1945/46:27, 1947.
- EPILACHNA VARIVESTIS - CANADA-- Continued.
Gauthier, Quebec Min. Agr. R. f. 1944/45:60.
Gauthier, Can. Ins. Pest Rev. 24 31, 1946.
Gauthier & Doyle, Assoc. Can.-Franç. Avanc. Sci. Ann. 12 90, 1946. (Abs.)
Gorham, Can. Ins. Pest Rev. 24 20, 1946.
Maltais, Can. Ins. Pest Rev. 24:34, 1946.
Sheppard, Can. Ins. Pest Rev. 24:50, 1946.
Sheppard & Gauthier, Can. Ins. Pest Rev. 25 28, 1947.
Wressell, Can. Ins. Pest Rev. 24 57, 1946.
- EPILACHNA VARIVESTIS - DUSTS
Dunavan, S. C. R. 58 64-65, 1946
Dunavan & Hughes, S. C. R. 59 70, 1947.
Fisher & Stanley, J. Ec. Ent. 38 125-126, 1945.
Marcovitch & Stanley, Tenn. R. 57 76-77, 1945, 58 110-111, 113-114, 1946.
Pyenson, N. Y. Bot. Gard. J. 47 121, 1946.
Sun, N. Y. St. Col. Agr. Dept. Ent. 1:9,18-21,45-46,56-58,69-76, 1946.
Sun & Hansberry, J. Ec. Ent. 40 526-529, 1947.
Watkins et al., N. Y. (C.) R. 59.118, 1947.
Wolfenbarger et al., Del. B. 263 25, 1947.
Zaunmeyer, USDA YB f. 1943/47 335-336.
- EPILACHNA VARIVESTIS - DUSTS - DILUENTS
bi Hunt, J. Ec. Ent. 40:215-219, 1947.
Turner, J. Ec. Ent. 39.155, 1946.
- EPILACHNA VARIVESTIS - DUSTS - SYNERGISTS
Brannon, J. Ec. Ent. 40 933-934, 1947.
b Weigel & Gertler, J. Ec. Ent. 38 683-686, 1945.
- EPILACHNA VARIVESTIS - ERADICATION
Jones & Steinweden, Cal. Dept. Agr. B. 35:187-188, 1947.
Lyle, J. Ec. Ent. 40:3-4, 1947.
- EPILACHNA VARIVESTIS - FUMIGANTS
Steinweden, Cal. Dept. Agr. B. 35:207, 1947.
- EPILACHNA VARIVESTIS - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:6, 14; 1946/47:5-6.
b Brannon, J. Ec. Ent. 38:101-102, 400, 1945; 40:103-106, 1947.
Curry, N. Mex. R. 56:44, 1946?; 57 31, 1947?
b Hansberry et al., J. Agr. Res. 74: 60-64, 1947.
Hartzell, Boyce Thompson Inst. Contrib. 15:30,32, 1947.
Hawkins, Maine B. 442:217,238, 1946; 449:379-380, 1947.

- EPILACHNA VARIVESTIS - INSECTICIDES**--Continued.
 Hoerner, West. Colo. Hort. Soc. Trans f. 1944:59, 1945.
 Jardine et al., USDA OES R. f. 1944/45:52,58, 1946.
 i Krone et al., Mich. Ext. B. 4 rev. 47-48, 1945.
 List, Colo. Farm B. 7(5):14, 1945.
 Mims & Zaumeyer, USDA FB 1996: 38-39, 1947.
 Olson & McCrory, S. Dak. R. 59 10, 1946.
 Parker & Beachler, Del. B. 264:21-22, 25, 1947.
 Pepper, Pa. Ext. C. 287 10-11, 1946.
 Price, Ky. Ext. C. 435 3, 1947.
 Stearns et al., J. Ec. Ent. 40:81, 1947.
 Tanner et al., Rocky Mountain Conf. Ent. R. 18:11-12, 1947.
 Tobey & Plummer, Maine B. 442:217-218,239, 1946.
 Turner, Conn. B. 488 354-358, 1945, 512-68-69, 1946.
 Wene & Rawlins, Control de Plagas 8:87, 1946.
 Wolfenbarger, Del. B. 259 19, 1945.
 Woodward, N. & S. Dak. Hort. 18 104, 1945.
- EPILACHNA VARIVESTIS - INSECTICIDES - ARSENICALS, ORGANIC**
 Rueggeberg et al., Amer. Chem. Soc. J. 68:1860-1862, 1946.
- EPILACHNA VARIVESTIS - INSECTICIDES - CRYOLITE - SUB-LETHAL DOSES**
 Wene, Ohio J. Sci. 47:117-118, 1947.
- EPILACHNA VARIVESTIS - INSECTICIDES - DDT**
 Marcovitch & Stanley, Tenn. R. 59:94, 1947.
 Smith et al., J. Ec. Ent. 38:195, 1945.
 White, USDA EPQ E-642.2, 1945, E-692:10, 1946.
- EPILACHNA VARIVESTIS - QUARANTINE**
 Armitage, J. Ec. Ent. 40:868, 1947.
 Messenger, Cal. Dept. Agr. B. 35:221-222, 1947.
- EPILACHNA VARIVESTIS - SPRAYS**
 Gertler, USDA E-705:9, 1946.
 McGovran & Piquett, USDA EPQ E-682,9 p., 1946.
 Wene & Rawlins, J. Ec. Ent. 38:655-657, 1945.
 b Wolfenbarger & Heuberger, J. Ec. Ent. 38:675-678, 1945.
 Yager, S. Dak. R. 60:12-13, 1947.
 Edwards Chem. Corp., H-4 Emulsion Concentrate:4, 1947.
- EPILACHNA VARIVESTIS - TARSIS**
 i Hayes & Liu, Ent. Soc. Amer. Ann. 40:407-411, 1947.
- EPILACHNA VARIVESTIS - TENNESSEE**
 Stanley, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:88-89, 1945.
- EPILACHNA VARIVESTIS & POWDERY MILDEW OF SNAP BEANS**
 b Brannon, J. Ec. Ent. 38:101-102,1945
- EPILACHNA VARIVESTIS & WEATHER**
 Curry, N. Mex. R. 57:29-30, 1947?
- EPILAMPRA ABDOMEN-NIGRUM (Deg.)**
 Crowell, Ent. News 57:171-172, 1946.
- EPIMASICERA CAESAR (Ald.)**
 Balch & Reeks, N. B. Dept. Lands & Mines R. 109:123, 1946.
 Reeks, Can. Ins. Pest Rev. 24:25, 1946
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:12, 1946.
- EPINOTIA LANTANA (Busck)**
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):4.
 Pemberton, Hawaiian Planters' Rec. 50:132, 1946.
- EPINOTIA SOLICITANA (Wlkr.)**
 i Smith, Acadian Nat. 2:114-121, 1946.
- EPIPERIPATUS BRASILIENSIS VAGANS**
 Brues - PARTURITION
 Morrison, Psyche 53 1-2, 1946.
- EPIPLAGIOPS LITTORALIS Blanch.**
 Annand, USDA EPQ R. f. 1943/44:24.
 Compere, J. Ec. Ent. 39:671-672, 1946.
- EPITAMYRA MINUSCULALIS (Möschl.)**
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. 1 4, 1947. (1947, No. 1):4.
- EPITEDIA NEOTOMAE Jameson**
 ni Jameson, Kans. Ent. Soc. J. 19:62-65, 1946.
- EPITEDIA WENMANNI (Rothsch.)**
 Grundemann, Kans. Ent. Soc. J. 20: 81, 1947.
 MacCreary, J. Ec. Ent. 38:127, 1945.
- EPITRAGODES TOMENTOSUS (Lec.)**
 Mathis, Fla. Ent. 29:34, 1947.
- EPITRIMERUS MYRSI Keif.**
 Ebeling, Cal. Ext. C. 43 rev. 47, 1947.
- EPITRIMERUS PIRIFOLIAE Keif.**
 Borden, Oreg. St. Hort. Soc. R. 37:22, 24, 1945.
- EPITRIMERUS PYRI (Nal.) (PEAR RUST MITE)***
 Keifer, J. Ec. Ent. 39:565, 1946.
- EPITRIX Foudr.**
 Gorham, Can. Ins. Pest Rev. 24:19, 1946.
 Mills et al., Mont. B. 425 18, 1945.
- EPITRIX - RESISTANT POTATOES**
 b Kulash, J. Ec. Ent. 40:654, 1947.
- EPITRIX CUCUMERIS (Harr.) (POTATO FLEA BEETLE)***
 Davis, Ind. Acad. Sci. P. 56:150, 1947?
 Garner, Prod. of Tob.:287, 1946.
 Gould, Ind. R. 58:55, 1945, 59:20-21, 1946.
 Hill, Neb. R. 58:52-53, 1945.
 Kulash, N. C. Res. & Farm. 3 (Prog. Rpt. 2):10,12, 1945.
 Leaver, R. I. Dept. Agr. & Conserv. R. 11:34, 1946.
 Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:17.
 Shull, Ida. B. 264:34, 1945.
 i Werner, Neb. B. 384:73-75,80-82, 1947.
- EPITRIX CUCUMERIS - AEROSOLS - DDT**
 b Goodhue et al., J. Ec. Ent. 38:181, 1945.
 Smith et al., J. Ec. Ent. 38:191, 1945.
- EPITRIX CUCUMERIS - CANADA**
 Arnason et al., Can. Ins. Pest Rev. 25:38-39, 1947.

EPITRIX CUCUMERIS - CANADA--Continued.

- Bird & Mitchener, Can. Ins. Pest Rev. 24:70, 1946.
Cannon, Can. Ins. Pest Rev. 24:9, 1946.
Gardiner, Can. Min. Agr. R. f. 1945/46:42,65; f. 1946/47:81.
Gauthier, Can. Ins. Pest Rev. 24:32, 1946.
Maltais, Can. Ins. Pest Rev. 24:35, 1946.
Neary, N. S. Dept. Agr. R. f. 1943/44: 101, 1945; f. 1944/45:103, 1946; f. 1945/46:91, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946.
Stirrett, Can. Ins. Pest Rev. 25:42, 1947.
Thompson, Can. Ins. Pest Rev. 24:38, 1946.
Wilson, Alberta Dept. Agr. R. f. 1945: 21, 1946.

EPITRIX CUCUMERIS - DUSTS

- i Besse, Oreg. C. Inform. 353:4, 1945.
Granovsky, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:55, 1947.
Gyrisko, J. Ec. Ent. 39:262-263, 1946.
Neely, Amer. Potato J. 23:135-137, 1946.
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:21-22,49-50,52,69,71,74-75, 1946.
Trullinger et al., USDA OES R. f. 1945/46:105,111-112, 1947.

EPITRIX CUCUMERIS - DUSTS - DDT

- Burtner, South. Seedsm. 8(2):44,1945.
Drake & Tauber, Iowa R. f. 1944/45 pt. 1:248.

EPITRIX CUCUMERIS - EFFECT ON YIELD

- Bonde et al., Maine B. 448:539-540, 592, 1945.

EPITRIX CUCUMERIS - INSECTICIDES

- Allen & Chapman, Wis. B. 469:38, 1946.
Annand, USDA EPQ R. f. 1944/45:5; f. 1945/46:4-5, 1947.
Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:11-13, 1945.
Baver, N. C. R. 69:73, 1946.
Brooks & Anderson, J. Ec. Ent. 40: 223-224,228, 1947.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:59-60, 1947.
Clark & Hoveland, Wis. B. 472:8-10, 14, 1947.
Gray & Schuh, Oreg. Seed Grow. League P. Ann. Mtg. 4:47, 1945.
Hill & Sooter, Neb. R. 60:50, 1947.
Jardine et al., USDA OES R. f. 1943/44:49, 1945.
Krone et al., Mich. Ext. B. 4 rev.:82, 1945.
b Kulash, J. Ec. Ent. 40:651-654, 1947.
Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:8, 1945.
List, Colo. Farm B. 7(5):14-15, 1945.
List, Colo. Spud Notes 3(5):2-3, 1945.
List, West. Colo. Hort. Soc. Trans. f. 1945:79,81-82, 1946.

EPITRIX CUCUMERIS - INSECTICIDES --Continued.

- Muncie & Morofsky, Mich. TB 204:3-6, 18-23, 1947.
Roark, USDA EPQ E-721:9, 1947.
Slate, Conn. R. f. 1945/46:8-9.
Sleesman, Veg. Grow. Assoc. Amer. Inc. R. 39:116-123, 1947.
Sleesman & Wilson, Veg. Grow. Assoc. Amer. R. 37:185-186,190-191, 1945.
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 32:126,128-131, 1947.
Sleesman et al., Amer. Potato J. 22: 242-250, 1945.
Turner, Conn. B. 488:348-350,353-355, 357-358, 1945.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31:193-208, 1946.
- EPITRIX CUCUMERIS - INSECTICIDES - DDT**
- Gyrisko, et al., J. Ec. Ent. 38:169-173, 1945.
Hawkins et al., Maine B. 449:294-298, 1947.
Hovey, East. States Coop. 22(2):11-12, 1946.
Munro et al., N. Dak. Bimo. B. 9:110, 1947.
Rawlins, Amer. Potato J. 23:141-142, 1946.
Simpson et al., Maine Ext. C. 221. 8 p., 1946.
Simpson et al., Maine Ext. B. 361:3, 5,7, 1947.
Sleesman & Wilson, Amer. Potato J. 23:143-146, 1946.
Turner, Conn. Veg. Grow. Assoc. P. 35:57, 1947.
White, USDA EPQ E-692:6, 1946.
- EPITRIX CUCUMERIS - INSECTICIDES - DDT & FUNGICIDES**
- Bonde & Snyder, Maine B. 442:146-150,188-190, 1946; 449:262-264, 266-267,271-274,343,345-346,352, 354-355, 1947.
- EPITRIX CUCUMERIS - OVERWINTERING**
- b Davis & Landis, J. Ec. Ent. 40:821-824, 1947.
- EPITRIX CUCUMERIS - RESISTANT POTATOES**
- i Gardner et al., Amer. Potato J. 22: 97-103, 1945.
- EPITRIX CUCUMERIS - SPRAYS**
- Berkeley et al., Amer. Potato J. 23: 287-288, 1946.
Bonde & Snyder, Maine B. 449:265-269,345-346, 1947.
Bonde & Soucy, Maine B. 438:538-539, 1945.
Bourne, Mass. B. 428:37, 1945; 436: 38-39, 1946; 441:36, 1947.
Rawlins et al., N. Y. (C.) R. 58:120, 1946.
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:183,186-188,190-191, 1946.
Sleesman et al., Ohio Veg. & Potato Grow. Assoc. P. 30:140-147, 1945.

- EPITRIX CUCUMERIS - SPRAYS - DDT
Howard & Rich, R. I. Misc. Pub. 29:3, 1946.
Kido & Allen, Agr. Chem. 2(6):22,67, 1947.
Wilson & Slesman, Ohio Bimo. B. 30 (232):29-30, 1945.
Woodruff & Turner, Conn. B. 512:60-67, 1946.
Woodruff & Turner, J. Ec. Ent. 40. 207-211, 1947.
Zappe et al., Conn. B. 501:43-45, 1946.
Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 34:95-96, 1946.
- EPITRIX CUCUMERIS - SPRAYS - DDT & COPPER (FIXED)
b Wilson & Slesman, Amer. Potato J. 24:260-266, 1947.
- EPITRIX CUCUMERIS - SPRAYS - DDT & FUNGICIDES
Bonds & Snyder, Amer. Potato J. 23 416-417, 420-424, 1946.
- EPITRIX CUCUMERIS & MOSAIC OF TOMATO
Jensen, Hawaiian Ent. Soc. P. 12:588, 1946.
- EPITRIX FUSCULA Crotch (EGGPLANT FLEA BEETLE)*
Owens et al., J. Ec. Ent. 40:423-424, 1947.
Tate et al., Neb. R. 58:59, 1945.
- EPITRIX HIRTIPENNIS (Melsh.) (TOBACCO FLEA BEETLE)*
Conner & Kulash, N. C. Ext. C. 299:3-5, 1947.
Floch, Ariz. St. Ent. R. f. 1944:15, 1945.
Kulash, N. C. Res. & Farm. 3 (Prog. R. 2) 10:12, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945:46:17.
i Nettles et al., S. C. Ext. B. 109:24-26, 30, 1947.
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:1-3, Cigar Tob.:1-2, Burley & Dark Fire-Cured Tob.:1-3, 1947.
- EPITRIX HIRTIPENNIS (Melsh.), see also EPITRIX PARVULA (F.)
- EPITRIX HIRTIPENNIS - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:5.
Baver, N. C. R. 69:61, 71, 1946.
Dominick, Va. R. f. 1945/46:36; f. 1946/47:32-33.
i Dominick, Va. B. 406, 19 p., 1947.
Gilmore & Levin, J. Ec. Ent. 38:397-398, 1945.
Price, Ky. Ext. C. 437:4-5, 1947.
- EPITRIX HIRTIPENNIS - INSECTICIDES - DDT
Allen, S. C. R. 58:113, 1946.
White, USDA EPQ E-642:7, 1945; E-692:11, 1946.
Va. Ext. B. 97 rev. 42-43, 1947.
- EPITRIX HIRTIPENNIS - INSECTICIDES - EFFECT ON EMERGENCE
Gilmore & Levin, J. Ec. Ent. 38:599-600, 1945.
- EPITRIX HIRTIPENNIS - POISON BAIT
Hammonds & Tabb, Farm. Handb.:115, 1947.
- EPITRIX PARVULA (F.)
Allen, S. C. R. 57:114-117, 1945.
Bruner & Valdés Barry, Control de Plagas 8 [i.e. 7]:54, 57, 1945.
i Garner, Prod. of Tob.:287-290, 1946.
Henderson et al., Va. B. 384:11-12, 1945.
Osorio, Control de Plagas 8:163-164, 1946.
- EPITRIX PARVULA (F.), see also EPITRIX HIRTIPENNIS (Melsh.)
- EPITRIX SUBCRINITA (Lec.) (WESTERN POTATO FLEA BEETLE)*
Glendenning, B. C. Ent. Soc. P. 42:2, 1945.
Manson, Can. Ins. Pest Rev. 25:39, 1947.
Manson et al., Can. Ins. Pest Rev. 24:96, 1946.
Shull, Ida. B. 264:34, 1945.
Webster et al., Wash. B. 470:36-37, 1945.
Wilson, Alberta Dept. Agr. R. f. 1944. 23, 1945.
- EPITRIX SUBCRINITA - DUSTS
Buchanan et al., Wash. B. 482:64, 1946.
Stitt, Amer. Potato J. 24:116-118, 122, 1947.
- EPITRIX SUBCRINITA - DUSTS - DDT
Landis & Getzendaner, USDA EPQ E-689:2 p., 1946.
White, USDA EPQ E-692:6, 1946; E-642:2, 1945.
- EPITRIX SUBCRINITA - OVERWINTERING
b Davis & Landis, J. Ec. Ent. 40:821-824, 1947.
- EPITRIX SUBCRINITA - TRAPS
i Getzendaner & Davis, USDA EPQ ET-242, 3 p., 1947.
- EPITRIX TUBERIS Gent. (TUBER FLEA BEETLE)*
Buckell, Can. Ins. Pest Rev. 25:39, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:80-81.
Glendenning, Can. Ins. Pest Rev. 24. 117, 1946.
Hill & Sooter, Neb. R. 60:51, 1947.
Shull, Ida. B. 264:34, 1945.
Twinn, Can. Ins. Pest Rev. 23:3, 1945.
i Werner, Neb. B. 384:73-75, 80-82, 1947.
- EPITRIX TUBERIS - BRITISH COLUMBIA
Fulton & Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 48, 4 p., 1946.
Glendenning, B. C. Ent. Soc. P. 42:2, 1945.
Glendenning, Can. Dept. Agr. Sci. Serv. Div. Ent. Processed Pub. 22, 4 p., 1945.
Ward, B. C. Dept. Agr. R. 40:V76-V77, V81, 1946; 41:W105-W106, 1947.
- EPITRIX TUBERIS - DUSTS
Buchanan et al., Wash. B. 482:63-65, 1946.
Hill, Neb. St. Bd. Agr. R. f. 1945:508-511.

- EPITRIX TUBERIS** - DUSTS--Continued.
Hill, Wyo. R. 54:14-15, 1946?; 55:23-24, 1946?; 56:30, 1947.
Stitt, Amer. Potato J. 24:116-118, 122, 1947.
Webster et al., Wash. B. 470:36-37, 1945
- EPITRIX TUBERIS** - DUSTS - DDT
Hill, Amer. Potato J. 23:137-138, 1946.
Hill, Neb. R. 59:55, 1946.
Landis & Getzendaner, USDA EPQ E-689, 2 p., 1946.
White, USDA EPQ E-642:2, 1945; E-692:6, 1946.
- EPITRIX TUBERIS** - FOOD & HOST PLANTS
b Hill, Neb. Res. B. 143, 16 p., 1946.
- EPITRIX TUBERIS** - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47.6.
Fulton & Glendenning, Common-Tater 2(7):5, 1946.
Hill, Neb. Res. B. 138.3-5, 9-13, 1945.
List & Edmundson, Amer. Potato J. 23:347, 349, 352, 1946.
bi Riedl & Harrison, Wyo. B. 271, 29 p., 1945.
- EPITRIX TUBERIS** - INSECTICIDES - DDT
Daniels, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:53-55, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46. 66-67.
- EPITRIX TUBERIS** - LARVAE - DEVELOPMENT
b Hill, Neb. Res. B. 143:5-16, 1946.
- EPITRIX TUBERIS** - NEBRASKA
Hill, Iowa St. Col. J. Sci. 22:39-41, 1947.
- EPITRIX TUBERIS** - OVERWINTERING
b Davis & Landis, J. Ec. Ent. 40:821-824, 1947.
- EPITRIX TUBERIS** - PLANTING DATE
Hill, Neb. St. Bd. Agr. R. f. 1945:505-508.
- EPITRIX TUBERIS** - TRAPS
i Getzendaner & Davis, USDA EPQ ET-242.3 p., 1947.
- EPIURUS INDAGATOR** (Cress.), see SCAMBUS HISPAE (Harr.)
- EPIZEUXIS AEMULA** (Hbn.) - PARASITES
Davault, Quebec Min. Lands & For. R. f. 1944/45:117, 1946.
- EPOCHRA CANADENSIS** Loew (CURRANT FRUIT FLY)*
Annason et al., Can. Ins. Pest Rev. 24:89, 1946.
Bird, Can. Dept. Agr. Div. Ent. Processed Pub. 46, 3 p., 1946.
Bird & Mitchener, Can. Ins. Pest Rev. 24:71, 1946.
Downes et al., Can. Ins. Pest Rev. 25:93, 1947.
Manson et al., Can. Ins. Pest Rev. 24:98, 1946.
b Morrison, Quebec Soc. Protect. Plants R. 29:62-68, 1945?
i Morrison, MacDonald Col. J. 60:6, 1946.
Quaintance & Porter, USDA FB 1398 rev.:16-17, 1946.
- ERANNIS TILIARIA** (Harr.) (LINDEN LOOPER)* (BASSWOOD LOOPER)
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:33, 1945.
Davault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:24, 1947.
Davault, Can. Ins. Pest Rev. 25:60, 1947.
- ERANNIS TILIARIA**--Continued.
Davault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:23, 1946.
Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:17, 1945.
Lambert, Quebec Min. Lands & For. R. f. 1943/44:93, 1945.
- ERANNIS VANCOUVERENSIS** Hulst (MAPLE LOOPER)
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:82, 1947.
Leech, Can. Ins. Pest Rev. 25:45, 1947.
- ERAX** sp.
Fautin, Ecol. Monog. 16:264, 1946.
- ERAX AESTUANS** (L.)
Fattig, Emory Univ. Mus. B. No. 4 5, 1946.
- ERAX INTERRUPTUS** (Macq.)
Fattig, Emory Univ. Mus. B. No. 4 5, 1946.
- ERAX RUFIBARBIS** Macq.
Owsley, Ohio St. Univ. Abs. Doctoral Diss. 49:99-104, 1946.
- ERCTA VITTATA** (F.)
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):4.
- EREBUS ODORA** (L.), see OTOSEMA ODORATA (L.)
- EREMIACRIS PALLIDA** (Bruner)
Fautin, Ecol. Monog. 16:267, 1946.
- EREMOBATES** sp.
i Dodge, Poisonous Dwellers of the Desert:39-40, 1947.
- EREMOBATES PALLIPES** (Say)
Fautin, Ecol. Monog. 16:265, 1946.
- EREMOBATES SCABER** Kraep.
Saunders, Can. Field Nat. 60:132, 1946.
- EREMOCHRYSA PUNCTINERVIS** (McLachlan) - PARASITES
Clancy, Cal. Univ. Pub. Ent. 7:407, 1946.
- ERETMOCERUS SERIUS** Silv.
Annand, USDA EPQ R. f. 1943/44:25, f. 1945:46:22.
Gómez, Fitófilo 4:136, 1945.
i Osorio, Control de Plagas 8:76-77, 1946.
Smith, Fitófilo 4:87-102, 1945.
Wene, Lower Rio Grande Val. Cit. & Veg. Inst. P. 2:109, 1947.
Woglum & Smith, Cal. Citrog. 32:413, 1947.
- EREYNETES CONCOLOR** Hald.
Wood, South. Cal. Acad. Sci. B. 46:150, 1947.
- EREYNETES SABINENSIS** Baker
ni Baker, Wash. Acad. Sci. J. 35:19, 1945.
- ERGATES SPICULATUS** (Lec.)
i Hardy, Victoria Nat. 2:89-90, 1945.
- ERIGERON ROOT APHID**, see ANURAPHIS MIDDLETONII (Thos.)
- ERINEDA** sp. - NESTS
Needham, Ent. Soc. Wash. P. 49:165-166, 1947.
- ERINNYIS ALOPE** (Drury)
Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:12, 1946.
Osorio, B. Inform. Agr. Gobierno Prov. Las Villas 17(130):9, 1945.
Osorio, Control de Plagas 8 [i.e. 7]:75, 1945.

- ERINNYIS ELLO (L.)
Caribbean Res. Council, Com. Agr.,
Nutr., Fisheries & For. Crop Inq.
Ser. 4 74, 1947.
- ERIOCAMPOIDES LIMACINA (Retz.), see
CALIROA CERASI (L.)
- ERIOCOCCUS AZALEAE Const. (AZA-
LEA BARK SCALE)*
Westcott, Sun-up 1(8)31, 1947.
- ERIOCOCCUS BOREALIS Chkl.
Armitage et al., Cal. Dept. Agr. B.
35:198-199, 1946.
- ERIOPHYES Sleb.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:55,58,
1945, f. 1945:58, 1946.
Peterson, Can. Ins. Pest Rev. 24:105,
1946.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946 70, 1947.
Venables, Can. Ins. Pest Rev. 24:119,
1946.
- ERIOPHYES sp.
Keifer, Cal. Dept. Agr. B. 35 209, 1946.
Manson, Can. Ins. Pest Rev. 25 77, 1947.
Manson et al., Can. Ins. Pest Rev. 24
100, 1946.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:57, 1945.
- ERIOPHYES CLADOPHTHURUS Nal.
Martin, N. J. R. 67:40, 1947?
- ERIOPHYES ESSIGI Hassan
Breakey, J. Ec. Ent. 38:122, 1945.
Breakey, Wash. B. 470:125, 1945.
i Breakey & Brannon, Wash. Ext. B.
346,4 p., 1946.
Breakey & Brannon, Wash. Packer 12
(7) 7, 1947.
i Butterfield, Cal. Ext. C. 80 rev. 43-
44, 1947.
Howard & Brooks, Cal. Ext. C. 117
rev. 44, 1947.
- ERIOPHYES FICI Essig, see ACERIA
FICUS (Cotte)
- ERIOPHYES FRAXINIFLORA Felt (ASH
FLOWER BLISTER MITE)
i Boyd, N. J. Dept. Agr. C. 355:79-80,
1945.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:57, 1945;
f. 1945:58, 1946.
Peterson, Can. Ins. Pest Rev. 24:105,
1946; 25:51, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:71, 1947.
- ERIOPHYES LITCHII Keif. - HAWAII
Holdaway et al., Hawaii R. f. 1942/44:
63, 1945.
- ERIOPHYES PEUCEDANI Can., see
ACERIA PEUCEDANI (Can.)
- ERIOPHYES PYRI (Pgst.) (PEAR LEAF
BLISTER MITE)* (PEAR BUD MITE)
Borden, Oreg. St. Hort. Soc. R. 37:21-
23, 1945.
Childs et al., Oreg. Ext. B. 663:4, 1946.
Flock, Ariz. St. Ent. R. f. 1944:18, 1945.
Hilborn et al., Maine Ext. B. 358:4, 1947.
Keifer, J. Ec. Ent. 39:565, 1946.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:18.
- ERIOPHYES PYRI--Continued.
Mills & Dewey, N. Y. (C.) Ext. B. 711.
47,52, 1947.
Neary, N. S. Fruit Grow. Assoc. R.
83:25, 1946, 84:116, 1947.
Ross, Can. Ins. Pest Rev. 24:48, 1946.
Can. Ins. Pest Rev. 25:82, 1947.
- ERIOPHYES PYRI MALI Nal.
Keifer, J. Ec. Ent. 39 565, 1946.
- ERIOPHYES SHELDONI Ewing, see
ACERIA SHELDONI (Ewing)
- ERIOPHYES TRISTRIATUS Nal., see
ACERIA TRISTRIATUS (Nal.)
- ERIOPHYES TRISTRIATUS ERINEUS
Nal., see ACERIA ERINEA (Nal.)
- ERIOPHYES TULIPAE Keif., see
ACERIA TULIPAE (Keif.)
- ERIOPHYES VACCINII Keif., see
ACERIA VACCINII (Keif.)
- ERIOPHYES VITIS (Pgst.) (GRAPE
ERINEUM MITE)*
Downes et al., Can. Ins. Pest Rev. 25:
95, 1947.
Keifer, J. Ec. Ent. 39:566, 1946.
Weinland, Grape Grow. 1(5)17, 1947.
- ERIOPHYIDAE
ni Keifer, Cal. Dept. Agr. B. 34:137-
140, 1945; 35:39-48, 1946.
b Keifer, J. Ec. Ent. 39:563-570, 1946.
b Roark, USDA EPQ E-655:2-3, 1945.
- ERIOSCELIS Burm. - REVISION
nik Saylor, Ent. Soc. Wash. P. 48:61-
66, 1946.
- ERIOSOMA Leach
O'Neill et al., Wash. St. Hort. Assoc.
Proc. 41:27,30, 1945.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:70, 1947.
- ERIOSOMA AMERICANUM (Riley)
(WOOLLY ELM APHID)*
Callenbach, Mont. Ext. Ser. A-49,2 p.,
1945.
Manson et al., Can. Ins. Pest Rev. 24.
100, 1946.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:53, 1945;
f. 1945:54-55, 1946.
Peterson, Can. Ins. Pest Rev. 24:107,
1946; 25:64, 1947.
Peterson & Manson, Can. Ins. Pest
Rev. 25:64-65, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
- ERIOSOMA CRATAEGI (Oest.)
Bromley, J. Ec. Ent. 40:239, 1947.
- ERIOSOMA LANIGERUM (Hausm.)
(WOOLLY APPLE APHID)*
i Boyd, N. J. Dept. Agr. C. 355:85-86,
1945.
Callenbach, Mont. Ext. Ser. A-49,2 p.,
1945.
Dewey, N. Y. St. Hort. Soc. P. 92:55,
1947.
Flock, Ariz. St. Ent. R. f. 1944:18, 1945.
Hough, Mountaineer Grow. 17(163):8,
1947.
Howard & Brooks, Cal. Ext. C. 117
rev.:34-35, 1947.
i Lathrop, Maine Ext. B. 274 rev.:8-9,
18, 1945.

- ERIOSOMA LANIGERUM** --Continued.
 Lauderdale, Ariz. St. Ent. R. f.
 1945/46:18.
 Peterson, Peninsula Hort. Soc. Trans.
 60:82-83, 1947.
 Smith et al., Kans. Ent. Soc. J. 19:45,
 1946.
 Underhill et al., Va. R. f. 1945/46:35.
 Westcott, Home Gard. (N. Y.) 5(5):69,
 1945.
 Whitehead & Bewick, Okla. Acad. Sci.
 P. 27:42, 1947.
- ERIOSOMA LANIGERUM - CANADA**
 Gardiner, Can. Min. Agr. R. f.
 1946/47:86.
 Marshall et al., Can. Ins. Pest Rev.
 25:85-86, 1947.
 Neary, N. S. Fruit Grow. Assoc. R.
 83:24, 1946; 84:115, 1947.
 Peterson, Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1944:53, 1945;
 f. 1945:54-55, 1946.
 Peterson, Can. Ins. Pest Rev. 24:107,
 1946.
 Peterson & Strickland, Can. Ins. Pest
 Rev. 25:64, 1947.
 Venables, Can. Ins. Pest Rev. 24:119,
 1946.
- ERIOSOMA LANIGERUM - PARASITES**
 Drake, Iowa Dept. Agr. YB 45:83,
 1945.
 Gomez, Fitófilo 4:136, 1945.
 Yothers, J. Ec. Ent. 40:934, 1947.
 i Wishart, Ent. Soc. Ont. R. 77:35-36,
 1947.
- ERIOSOMA LANIGERUM - SPRAYS**
 Annand, USDA EPQ R. f. 1945:2; f.
 1946/47:10-11.
 Brannon et al., Wash. St. Hort. Assoc.
 P. 43:9-11, 1947.
 Childs et al., Oreg. Ext. B. 663:4,
 1946.
 Morgan, Can. Ent. 79:109, 1947.
 Newcomer, Wash. St. Hort. Assoc. P.
 42:57, 1946, 43:21-22, 1947.
 Newcomer et al., J. Ec. Ent. 39:674-
 676, 1946.
 O'Neill, Oreg. St. Hort. Soc. R. 39:63-
 64, 1947.
 O'Neill, Wash. St. Hort. Assoc. P. 43:
 13-16, 1947.
- ERIOSOMA LANIGERUM - SPRAYS -
 DDT**
 Childs, Wash. St. Hort. Assoc. P. 42:
 50, 1946.
 Dean, N. Y. St. Hort. Soc. P. 92:180-
 181, 1947.
 Steiner et al., Ind. Hort. Soc. Trans.
 86:94, 96, 1947.
- ERIOSOMA ULMI (L.)**
 Gauthier, Can. Ins. Pest Rev. 25:63,
 1947.
- ERIOSOMA PYRICOLA Baker (WOOLLY
 PEAR APHID)***
 Annand, USDA EPQ R. f. 1946/47:27.
- ERISTALIS TENAX (L.), see TUBIFERA
 TENAX (L.)**
- EROS THORACICUS (Rand.)**
 Leech, B. C. Ent. Soc. P. 42:2, 1945.
- ERTHESINA FULLO Thunb. AS FOOD OF
 MAN**
 Hoffmann, Ent. Soc. Wash. P.49:237, 1947.
- ERYNNIA NITIDA Rob.-Desv.**
 Kelfer, Cal. Dept. Agr. B. 33:249,
 1945.
- ERYTHRAEUS sp.**
 Fautin, Ecol. Monog. 16:269, 1946.
- ERYTHRAEUS ARVENSIS Banks**
 Fautin, Ecol. Monog. 16:273, 1946.
- ERYTHRAEUS PILOSUS (Banks)**
 Reeher, USDA C. 732:1,7, 1945.
- ERYTHRAPHYCUS Comp.**
 nik, Compere, Cal. Univ. Pub. Ent. 8:
 7-10, 1947.
- ERYTHRAPHYCUS ARGYROCOMUS
 Comp.**
 ni Compere, Cal. Univ. Pub. Ent. 8:
 10-11, 1947.
- ERYTHRAPHYCUS ARGYROCOMUS -
 EGGS & LARVAE**
 i Maple, Cal. Univ. Pub. Ent. 8:88-
 89, 1947.
- ERYTHRAPHYCUS CALVUS, E. MATTE-
 OLUS**
 n Compere, Cal. Univ. Pub. Ent. 8:11-
 12, 1947.
- ERYTHRONEURA Fitch (GRAPE LEAF-
 HOPPERS**
 Chandler, Ill. St. Hort. Soc. Trans.
 79:289, 1946; 80:141, 1947.
 Howard & Brooks, Cal. Ext. C. 117
 rev.:54, 1947.
 Ragland & Overcash, Miss. Farm Res
 10(12):7, 1947.
 Roberts & Bourne, Mass. Ext. Leaf.
 64 rev.:13, 1947.
 Ross, Can. Ins. Pest Rev. 24:45, 1946.
 Ross & Armstrong, Can. Dept. Agr.,
 Sci. Serv., Div. Ent. Processed
 Pub. 26:1-3, 1945.
 Ward, B. C. Dept. Agr. R. 41:W109,
 1947.
- ERYTHRONEURA - INSECTICIDES**
 Edmondson, Wyo. Ext. C. 58 rev.:31,
 1945.
 Jacob et al., Cal. Ext. C. 116 rev.:
 68-69, 1947.
 Lininger et al., Pa. B. 475:29-30,
 1945; 480:41, 1946; 488:28-29,
 1947.
- ERYTHRONEURA - INSECTICIDES -
 DDT**
 Jenkins, Iowa St. Hort. Soc. Trans.
 80:138, 1945.
 Newcomer, Wash. St. Hort. Assoc.
 Proc. 41:53, 1945.
 Stafford & Frazier, Cal. C. 365:66-
 70, 1946.
- ERYTHRONEURA - LEAF INJURY**
 Hartzell, N. Y. (G.) R. 64:30, 1946.
 bi Hartzell, N. Y. (G.) TB 277,49 p.,
 1946.
 Lininger et al., Pa. B. 480:40, 1946;
 488:29, 1947.
- ERYTHRONEURA - SPRAYS**
 Hartzell & Taschenberg, N. Y. (G.) R.
 65:17, 1947.
 Rasmussen et al., Mich. Ext. B. 154
 rev.:42-43, 1945; rev.:46-47, 1946.
 Steinweden, Cal. Dept. Agr. B. 34:178,
 1945.
- ERYTHRONEURA - SPRAYS - DDT**
 Annand, USDA EPQ R. f. 1945/46:3,
 1947.

ERYTHRONEURA - SPRAYS - DDT--
Continued.

- Cox, J. Ec. Ent. 38:278-279, 1945.
Daggy et al., Minn. Ext. B. 252:12, 1946.
Dewey, N. Y. St. Hort. Soc. P. 91:78-79, 1946.
Fleming, USDA EPQ E-724:12, 1947.
Fleming & Maines, J. Ec. Ent. 40:849, 1947.
i Glover, Wines & Vines 27(3):18-20, 1946.
Hutson, Mich. St. Hort. Soc. R. 75:124,127, 1946.
Jones et al., J. Ec. Ent. 39:770-774, 1946.
Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 64.2, 1947.
Still, Ohio St. Hort. Soc. P. 79:82-83, 1946.
Still, Ohio St. Hort. Soc. P. 100:150, 1947.
Trullinger et al., USDA OES R. f. 1945/46:107-108, 1947.
ERYTHRONEURA - TRAPS - LIGHT
Hermes, Hilgardia 17:363-365,368,372-374, 1947.
ERYTHRONEURA (OBLIQUA GROUP)
ni Knull, Ohio J. Sci. 46:45-49, 1946.
ERYTHRONEURA (VULNERATA GROUP)
nik Beamer, Kans. Ent. Soc. J. 19:15-22, 1946.
ERYTHRONEURA COMES (Say)
i Cox, J. Ec. Ent. 40:195-198,561, 1947.
Manson, Can. Ins. Pest Rev. 25:94, 1947.
Manson et al., Can. Ins. Pest Rev. 24:99, 1946.
i Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:48-50, 1946.
Peterson, Can. Ins. Pest Rev. 24:105, 1946.
Peterson & Arnason, Can. Ins. Pest Rev. 25:110, 1947.
ERYTHRONEURA COMES - VIRGINIA CREEPER
Manson, Can. Dept. Agr. Div. Ent. Processed Pub. 35, rev. 4 p., 1946.
ERYTHRONEURA COMES COMES (Say)
bi Hartzell, N. Y. (G.) TB 277,49 p., 1946.
ERYTHRONEURA COMES ZICZAC
Walsh, see **ERYTHRONEURA ZICZAC** Walsh
ERYTHRONEURA DORSALIS (Gill.), see ERYTHRONEURA LAWSONIANA
Baker
ERYTHRONEURA ELEGANTULA Osb.
Annand, USDA EPQ R. f. 1946/47:22.
Frazier & Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:9-11, 1945.
Frazier & Stafford, J. Ec. Ent. 40:487-495, 1947.
ERYTHRONEURA HARTII (Gill.)
Graham et al., Md. Ext. B. 105:9, 1945.
ERYTHRONEURA LAWSONIANA Baker
Graham et al., Md. Ext. B. 105:9, 1945.
ERYTHRONEURA TRICINCTA Fitch
(THREE-BANDED LEAFHOPPER)*
Ross, Can. Ins. Pest Rev. 25:94, 1947.

ERYTHRONEURA VARIABILIS Beamer
(VARIEGATED LEAFHOPPER)

- Burgess, Ariz. R. 56:46, 1946; 57:44-45, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:19.
Vorhies & Wehrle, Ariz. Mimeo. R. 75:2,9-10, 1945.
ERYTHRONEURA ZICZAC Walsh
Arnason, Can. Ins. Pest Rev. 25:110, 1947.
Arnason et al., Can. Ins. Pest Rev. 24:88, 1946.
ERYTHRONEURA ZICZAC - PREDATORS
Knowlton, Bklyn. Ent. Soc. B. 41:100-101, 1946.
ERYTHROTHRIPS Moulit.
bik Bailey, Pan-Pac. Ent. 23 103-109, 1947.
ESSELENIA VANDUZEEI Heb.
Mansfield & Tilden, Pan-Pac. Ent. 23:34, 1947.
ESTHIOPTERUM CORNICEPHALA
Zavaleta R.
bni Zavaleta R., Mex. Univ. Nac. Inst. Biol. An. 16:445-449, 1945.
ESTIGMENE ACREA (Drury) (SALT-MARSH CATERPILLAR)*
Arnason, Can. Ins. Pest Rev. 25:19, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.
McDaniel, Flor. Rev. 98(2534):34, 1946.
McDaniel, Gladiolus 22:45-46, 1947.
White, USDA EPQ E-692:3-4, 1946.
ETHMIA COLONELLA Wlsm.
Swezey, Hawaiian Ent. Soc. P. 13:16, 1947.
ETIELLA ZINCKENELLA (Trett.) (LI-MA-BEAN POD BORER)*
White, USDA EPQ E-692:4, 1946.
EUARABA TERGATA (Coq.)
La Rivers, Amer. Mid. Nat. 33:751, 757-758,761, 1945.
EUBADIZON PLEURALIS Cress.
Jaynes & Marucci, J. Ec. Ent. 40:11, 1947.
EUBORELLIA ANNULIPES (Lucas) (RING-LEGGED EARWIG)*
i Bohart, Hilgardia 17:293-294, 1947.
Martorell, P. R. Univ. J. Agr. 29:356, 1945.
EUBORELLIA STALI (Dohrn)
Townes, Ent. Soc. Wash. P. 48:47, 1946. (Abs.)
EUBRACHYLAELAPS CROWEI Jameson
ni Jameson, J. Parasit. 33:391-392, 1947.
EUCACTOPHAGUS WEISSI Barber
Swezey, Hawaiian Ent. Soc. P. 12:350, 1945.
EUCALYMNATUS TESSELLATUS (Sign.)
Martorell, P. R. Univ. J. Agr. 29:397, 1945.
EUCELATORIA sp.
Plank, P. R. (Mayaguez) R. f. 1944:27, 1945.
EUCELATORIA ARMIGERA (Coq.)
Blanchi, Hawaiian Ent. Soc. P. 12:469, 1946.

- EUCELATORIA ARMIGERA**--Continued.
Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44:18-19, 1945.
- Rosa, Hawaiian Ent. Soc. P. 13:6, 1947.
- Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.
- Tissot, Fla. R. f. 1944/45:64.
- Van Zwaluwenburg, Hawaiian Planters' Rec. 50:14-16, 1946.
- EUCEROS NEODIPRIONI** (Wally)
Girth & McCoy, N. Y. Ent. Soc. J. 54. 320, 1946.
- Weiss, N. J. Dept. Agr. R. 31:147, 1946.
- EUCHAETES EGLE** (Drury) (**HARLE-QUIN MILKWEED CATERPILLAR**)
b Frings, J. Expt. Zool. 99:115-140, 1945.
- i Frings, Amer. Mid. Nat. 34:662-672, 1945.
- EUCHEIRA SOCIALIS** Westw.
James, Wash. Acad. Sci. J. 35:328-330, 1945.
- b Shaw, J. Ec. Ent. 40:436-437, 1947.
- EUCHEIROPHAGA** James
n James, Wash. Acad. Sci. J. 35:328-329, 1945.
- EUCHEIROPHAGA LUGUBRIS** James
ni James, Wash. Acad. Sci. J. 35:329-330, 1945.
- b Shaw, J. Ec. Ent. 40:436, 1947.
- EUCNOCERUS ANTHRENOIDES** Sharp
Holdaway, Hawaiian Ent. Soc. P. 13: 9-10, 1947.
- Pemberton, Hawaiian Planters' Rec. 50:129,131,135-139, 1946.
- EUCORDYLEA HUNTELLA** Keif.
Davis, Oreg. Dept. Agr. Bien. R. f. 1944/46:40.
- Davis, Oreg. St. Hort. Soc. R. 38:28, 1946.
- EUCORIA MARGINIPENNIS** Muls. & REY,
see **CORIMELAENA PULICARIA** (Germ.)
- EUCOSMA** sp.
Keifer, Cal. Dept. Agr. B. 34:189, 1945.
- Romney, J. Ec. Ent. 39:671, 1946.
- EUCOSMA DORSISIGNATANA** (Clem.)
Hoffmann, J. Ec. Ent. 38:358, 1945.
- EUCOSMA HENNEL** Clarke
ni Clarke, South. Cal. Acad. Sci. B. 46:51-54, 1947.
- EUDAMUS PROTEUS** (L.), see **URBANUS PROTEUS** (L.)
- EUDERES PICIPIES** (F.), **E. PINI** (Oliv.),
E. REICHEI Lec.
Knull, Ohio Biol. Surv. B. 38:226-227, 1946.
- EUDERUS** sp.
Boyce, Quebec Soc. Protect. Plants R. 30:173, 1947.
- Wylie, Fla. St. Hort. Soc. P. 59:89, 1946.
- EUDERUS CUSHMANI** Cwfd.
Boyce, Quebec Soc. Protect. Plants R. 30:174, 1947.
- EUDIAGOGUS PULCHER** Fahr. - **GENITALIA** - **MALE**
i Bruhn, Great Basin Nat. 8:14, 1947.
- EUETHEOLA RUGICEPS** (Lec.) (**SUGAR-CANE BEETLE**)* (**ROUGH-HEAD-ED CORNSTALK BEETLE**)
Annand, USDA EPQ R. f. 1944/45:32.
- Ingram et al., Sugar J. 9(11):13, 1947.
- i Lincoln & Miner, Ark. Ext. C. 437. 9-10, 1945.
- EUFIDONIA DISCOSPILATA** (Wlkr.) - **LARVAE**
i McGuffin, Can. Ent. 77:199, 1945.
- EUFIDONIA NOTATARIA** (Wlkr.) - **LARVAE**
i McGuffin, Can. Ent. 77:198-199, 1945.
- EUFRONTINA** Brooks, **E. ETHNIAE**
n Brooks, Can. Ent. 77:90-91, 1945.
- EUGLOSSA DIMIDIATA** (F.)
Snyder, Wood Preserv. News 25:45, 1947.
- EUGNATHODES GUAJANAE** DeLong, see **NESOSTELES GUAJANAE** (DeLong)
- EUHAEMOGAMASUS LIPONYSSOIDES** (Ewing)
MacCreary, J. Ec. Ent. 38:127, 1945.
- EUHAEMOGAMASUS MICROTI** (Ewing)
MacCreary, J. Ec. Ent. 38:127, 1945.
- EUHAEMOGAMASUS SCIUROPTERI**
Keegan
ni Keegan, Amer. Micros. Soc. Trans. 65:72, 1946.
- EULAEAPS** sp. & **TYPHUS**
Davis & Pollard, Amer. J. Trop. Med. 26:619, 1946.
- EULAEAPS STABULARIS** (Koch)
Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:50,63, 1947.
- i Ewing, Biol. Soc. Wash. P. 60:87-84, 1947.
- EULAIRA** Chambln. & Ivie
ni Chamberlin & Ivie, Utah Univ. B. 36(2):1-10,14-17, 1945.
- EULASIONA COMSTOCKII** Towns.
Smith, Acadian Nat. 2:120, 1946.
- EULEPIDOTIS ADDENS** (Wlkr.)
i Martorell, P. R. Univ. J. Agr. 29: 480-481,506, 1945.
- EULEPTE CONCORDALIS** Hbn.
i Martorell, P. R. Univ. J. Agr. 29. 512,514-516, 1945.
- EULIMNERIA ALKAE** (Ell. & Sacht.),
see **CAMPOPLEX ALKAE** (Ell. & Sacht.)
- EULIMNERIA RUFIFEMUS** Thoms., see **CAMPOPLEX RUFIFEMUR** (Thoms.)
- EULOPHUS VIRIDULUS** Thoms.
Annand, USDA EPQ R. f. 1946/47:25.
- Arbuthnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:31,33, 1947.
- Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):1-3.
- Clark, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 1):2,5.
- Clark & Hoveland, Wis. B. 472:38, 1947.
- Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1946, No. 2), 10 p.; (1946, No. 3):1-3.
- Cooper, Ky. R. 59:28, 1947.
- Deay, Ind. R. 60:68, 1947.
- i Drake, Iowa Dept. Agr. YB 46:171-176, 1946.

- EULOPHUS VIRIDULUS**--Continued.
 Drake et al., Iowa R. f. 1945/46 pt. 2-55.
 Drake et al., Iowa Dept. Agr. YB 47 125, 129, 1947.
 Gardiner, Can. Min. Agr. R. f. 1944/45:66. f. 1945/46:80.
 Jones et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 3):2-4.6.
 MacCreary, Del. B. 263:26, 1947.
 Maltais, Can. Ins. Pest Rev. 24:34, 1946.
 Ritcher, Ky. B. 502:20, 1947.
EUMACRONYCHIA ELITA Towns.
 La Rivers, Amer. Mid. Nat. 33 751, 757-758, 761, 1945.
EUMENES CAMPANIFORMIS (F.)
 Maehler, Hawaiian Ent. Soc. P. 13:27, 1947.
EUMENES PYRIFORMIS PETIOLARIS
 Schulz
 Maehler et al., Hawaiian Ent. Soc. P. 13:22, 1947.
 Pemberton, Hawaiian Sugar Planters' Assoc. P. 66. Expt. Sta. R. f. 1945/46:23, 1947.
 Townes, Hawaiian Ent. Soc. P. 13:105, 1947.
EUMENES XANTHOGASTER Isely - NESTS
 i Jenks & McKay, Nature Mag. 40:137-139, 1947.
EUMERUS STRIGATUS - REARING - DECAYED POTATOES
 b Bean, J. Ec. Ent. 40:452-454, 1947.
EUMERUS TUBERCULATUS Rond. (LESER BULB FLY)*
 Arnason et al., Can. Ins. Pest Rev. 24. 87, 1946.
 Bean, J. Ec. Ent. 40:453, 1947.
EUNICA PUSILLA FAIRCHILD Bates
 Bruner, Soc. Cubana Hist. Nat. Mem. 19:28, 1947.
 ***EUONYMUS SCALE**, see **UNASPIS EUONYMI** (Comst.)
EUPAGODERES sp.
 i Cassell, Nat. Hist. 55:234, 1946.
EUPAGODERES SORDIDUS (Lec.) - GENITALIA - MALE
 i Bruhn, Great Basin Nat. 8:13-14, 1947.
EUPAGODERES VARIUS (Lec.)
 Fautin, Ecol. Monog. 16:267, 1946.
EUPALUS BISCUTUM Nesb., see **CUNAXOIDES BISCUTUM** (Nesb.)
EUELMELLA VESICULARIS (Retz.)
 Baker & Doucette, Wash. B. 470:149, 1945.
EUELMUS ALLYNII (French)
 Rockwood et al., USDA TB 928:15, 1947.
EUELMUS CUSHMANI (Cwfd.)
 Berry, J. Ec. Ent. 40:804, 1947.
 Bianchi, Hawaiian Ent. Soc. P. 12:490, 1946.
EUELMUS CYANICEPS Ashm.
 Boyce, Quebec Soc. Protect. Plants R. 30:97-98, 1947.
 Wylie, Fla. St. Hort. Soc. P. 59:89, 1946.
EUELMUS CYANICEPS AMICUS Gir.
 Beacher, Ent. Soc. Amer. Ann. 40: 532-533, 535-536, 538, 543, 1947.

- EUELMUS CYANICEPS AMICUS**--Continued.
 Brett, J. Agr. Res. 73:84, 1946.
EUELMUS MOMPHEAE Gahan
 Hoffmann, J. Ec. Ent. 38:357, 1945.
EUPHALERUS IDAHOENSIS Jensen
 ni Jensen, Ent. Soc. Amer. Ann. 39 242-244, 1946.
EUPHALERUS NIDIFEX Schwarz
 Martorell, P. R. Univ. J. Agr. 29:376, 1945.
EUPHYDRYAS EDITHA (Bdvl.) - ABNORMALITIES
 i Dexter, Turtos News 25:145, 1947.
EUPHYDRYAS PHAETON (Drury)
 i Atwood, Nature Mag. 40:485-488, 500, 1947.
 i Hardy, Victoria Nat. 2:145, 1946.
EUPHYDRYAS TAYLORI (Edwards)
 (TAYLOR'S CHECKER-SPOT)
 Hardy, Victoria Nat. 2 145, 1946.
EUPITHECIA Curt. - LARVAE
 b McGuffin, Can. Ent. 77:53-55, 1945.
EUPITHECIA - NORTH AMERICA
 ni McDunnough, Can. Ent. 77:168-176, 1945, 78:86-87, 1946.
EUPLECTRUS PLATHYPENAE How.
 Madden & Chamberlin, USDA TB 896: 48, 1945.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.
EUPOGONIUS PURESCEUS Lec. 264, E. SUBARMATUS (Lec.) 265, E. TOMENTOSUS (Hald.) 263, E. VESTITUS (Say) 264
 i Knoll, Ohio Biol. Surv. B. 39. 1946.
EUPROCTIS PHAEORRHOEA (Hbn.), see **NYGMIA PHAEORRHOEA** (Donov.)
EUPSALIS MINUTA Drury. see **ARRHENODES** (Drury)
EUPSEUDOSOMA INVOLUTUM (Sepp)
 Martorell, P. R. Univ. J. Agr. 29:500-501, 1945.
EUPSILIA WALKERI (Grote) - FOOD & HOST PLANTS
 Frost, J. Ec. Ent. 39:418, 1946.
EUPTEROMALUS sp.
 Rockwood et al., USDA TB 928:15, 1947.
EUPTERYX AURATUS (L.), see **CICADELLA AURATA** (L.)
EUPTOIETA CLAUDIA (Cram.)
 Arnason, Can. Ins. Pest Rev. 25:108, 1947.
 Bruner, Soc. Cubana Hist. Nat. Mem. 19:26, 1947.
EUREMA BOISDUVALIANA (Feld. & Feld.)
 Bruner, Soc. Cubana Hist. Nat. Mem. 19:25, 1947.
EUREMA LISA (Bdvl. & Lec.)
 Nabokov, Psyche 53:42, 1946.
EUREMA NICIPPE Cram.
 Nabokov, Psyche 53:42, 1946.
EUREMA NISE (Cram.)
 Bruner, Soc. Cubana Hist. Nat. Mem. 19:25-26, 1947.
 ***EUROPEAN APPLE SAWFLY**, see **HOPLOCAMPA TESTUDINEA** (Klug)

- EUROPEAN BLUEBOTTLE FLY, see CALLIPHORA VICINIA Rob.-Desv.
- EUROPEAN BROWN SNAIL, see SNAILS - HELIX ASPERSA Müll.
- EUROPEAN CHAFER, see AMPHIMAL-LON MAJALIS (Razoumo.)
- *EUROPEAN CHICKEN FLEA, see CERATOPHYLLUS GALLINAE (Schr.)
- *EUROPEAN CORN BORER, see PY-RAUSTA NUBILALIS (Hbn.)
- *EUROPEAN EARWIG, see FORFICULA AURICULARIA L.
- *EUROPEAN ELM SCALE, see GOSSY-PARIA SPURIA (Mod.)
- *EUROPEAN FRUIT LECANIUM, see LECANIUM CORNI Bouché
- EUROPEAN HOUSE CRICKET, see GRYLLODES SIGILLATUS Wlkr.
- EUROPEAN LARCH SAWFLY, see PRISTIPHORA ERICHSONII (Htg.)
- *EUROPEAN MANTIS, see MANTIS RELIGIOSA L.
- *EUROPEAN PINE SAWFLY, see NEO-DIPRION SERTIFER (Geoffr.)
- *EUROPEAN PINE SHOOT MOTH, see RHYACIONIA BUOLIANA (Schiff.)
- EUROPEAN POPLAR SAWFLY, see TRICHOICAMPUS VIMINALIS (Fall.)
- *EUROPEAN RED MITE, see PARATE-TRANYPHUS PILOSUS (Can. & Fanz.)
- *EUROPEAN SPRUCE SAWFLY, see DIPRION HERCYNIAE (Htg.)
- *EUROPEAN WHEAT STEM SAWFLY, see CEPHUS PYGMAEUS (L.)
- EUROSTA SOLIDAGINIS (Fitch) - (GOLD-ENROD GALLFLY)
Beck, Amer. J. Bot. 33:228, 1946.
- EURYCEPHALOMYIA MYOPAEFORMIS (Roed.)
Manson et al., Can. Ins. Pest Rev. 24: 95, 1946.
- EURYCIPITIA VESTITUS (Dist.), see TENTHREDINIS VESTITUS (Dist.)
- EURYDINOTA LIVIDICORPUS Gir.
Beacher, Ent. Soc. Amer. Ann. 40: 532-544, 1947.
- EURYMAS PHILODICE (Latr.), see CO-LIAS PHILODICE PHILODICE Latr.
- EURYPELMA EMILIA White, see BRACHYPELMA EMILIA (White)
- EURYPELMA SMITHI Cambr., see BRACHYPELMA SMITHI (Cambr.)
- EURYPEPLA JAMAICENSIS (L.) - COLOR
Grant, J. Ent. & Zool. 38:55, 1946.
- EURYPTERA LATERALIS (Oliv.)
i Knoll, Ohio Biol. Surv. B. 39:184-185, 1946.
- EURYSCELIS SUTURALIS (Oliv.)
Martorell, P. R. Univ. J. Agr. 29:441, 1945.
- EURYSPHINDUS DENTICOLLIS Lec., see ODONTOSPHINDUS DENTICOLLIS (Lec.)
- EURYTHRIPS BATESI (Watson)
Watson, Fla. Ent. 28:34-35, 1945.
- EURYTHRIPS RETICULATUS (Watson)
Watson, Fla. Ent. 28:35, 1945.
- EURYTOMA sp. - Continued.
Berry, J. Ec. Ent. 40:804, 1947.
Blanchi, Hawaiian Ent. Soc. P. 13:1, 17, 1947.
Boyce, Quebec Soc. Protect. Plants R. 30:98, 1947.
Carter, Hawaiian Ent. Soc. P. 12:489, 1946.
Fullaway, Hawaiian Ent. Soc. P. 12: 481, 1946.
Pemberton, Hawaiian Sugar Planters' Assoc. P. 68, Expt. Sta. R. f. 1945/46:25-26, 1947.
i Pemberton & Rosa, Hawaiian Plant-ers' Rec. 50:29-37, 1946.
Rosa, Hawaiian Ent. Soc. P. 12:476, 1946.
Van Zwaluwenburg, Hawaiian Plant-ers' Rec. 50:14-15, 1946.
- EURYTOMA - (QUADRATA & CORPU-LENTA GROUP)
bni Bugbee, Ent. Soc. Amer. Ann. 38: 53-69, 1945.
- EURYTOMA ARACHNOVORA Hesse
Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45:22, 1946.
- EURYTOMA ORCHIDEARUM (Westw.) (ORCHIDFLY)*
i Diggelman, Orchid Digest 10:99, 1946.
Müller, Amer. Orchid Soc. B. 15:182, 1946.
i Swezey, Hawaiian Ent. Soc. P. 12: 359-360, 1945.
- EURYTOMA TYLODERMATIS Ashm.
Berry, J. Ec. Ent. 40:804, 1947.
- EUSCELIDES SCHENKII & CALIFORNIA ASTER YELLOWS
i Severin, Hilgardia 17:514-516, 1947.
- EUSCELIDIUS SCHENKII (Kirschb.)
i DeLong & Severin, Hilgardia 17:532-533, 1947.
Severin, Hilgardia 17:124, 1946.
- EUSCELIS MACULIPENNIS DeLong & Davids., see EUSCELIDIUS SCHENKII (Kirschb.)
- EUSCELIS STRIATULUS (Fall.), see SCLERORACUS VACCINII (Van D.)
- EUSCEPES PORCELLUS Boh.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):7.
- EUSCEPES POSTFASCIATUS (Fairm.) (WEST INDIAN SWEETPOTATO WEEVIL)*
Swezey, Hawaiian Ent. Soc. P. 13:4, 1947.
- EUSCHISTUS Dall. - FOOD & HOST PLANTS
b Woodside, J. Ec. Ent. 40:231-232, 1947.
- EUSCHISTUS EUSCHISTOIDES (Voll.) - EGGS
Esselbaugh, Ent. Soc. Amer. Ann. 39: 674, 1946.
- EUSCHISTUS IMPICTIVENTRIS Stål (BROWN COTTON BUG)
Burgess, Ariz. R. 56:47, 1946.
i Vorhies & Wehrle, Ariz. B. 203:46, 1946.

EUSCHISTUS IMPICTIVENTRIS - PARASITES & PREDATORS
Clancy, J. Ec. Ent. 39:326-328, 1946.

EUSCHISTUS IMPICTIVENTRIS & SEED PRODUCTION - SUGAR BEETS
i Hills & McKinney, J. Ec. Ent. 39: 335-337, 1946.

EUSCHISTUS SERVUS (Say) (BROWN STINK BUG)
Woodside, J. Ec. Ent. 39:161-163, 1946.

EUSCHISTUS SERVUS & PEACH DEFORMITIES
Snapp, J. Ec. Ent. 40:135-146, 1947.
i Woodside, J. Ec. Ent. 39:158-161, 1946.
i Woodside, Va. B. 389:4,14-15, 1946.

EUSCHISTUS TRISTIGMUS (Say)
Woodside, Cumberland-Shenandoah Fruit Workers' Conf. P. 23. [22], 1946.
Woodside, J. Ec. Ent. 39:161-163, 1946.
i Woodside, Va. B. 389:5,7,14-15, 1946.

EUSCHISTUS TRISTIGMUS - EGGS
Esselbaugh, Ent. Soc. Amer. Ann. 39: 674, 1946.

EUSCHISTUS TRISTIGMUS & PEACH DEFORMITIES
i Woodside, J. Ec. Ent. 39:158-161, 1946.

EUSCHISTUS VARIOLARIUS Beauv.
Gould, Ind. R. 58:55-56, 1945.

EUSCHISTUS VARIOLARIUS - EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39: 673, 1946.

EUSCHISTUS VARIOLARIUS & PEACH DEFORMITIES
i Woodside, J. Ec. Ent. 39:160, 1946.
i Woodside, Va. B. 389:5,15, 1946.

EUSCHISTUS ZOPILOTENSIS Dist. AS FOOD OF MAN
Hoffmann, Ent. Soc. Wash. P. 49:237, 1947.

EUSCHONGASTIA HAMILTONI 251-252, E. PIPISTRELLI 249-251
ni Brennan, J. Parasit. 33: 1947.

EUSEMION CALIFORNICUM Comp. - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:90, 1947.

EUSEMION CORNIGER (Wlkr.) - EGGS & LARVAE
Maple, Cal. Univ. Pub. Ent. 8:90, 1947.

EUSIMULIUM CLARUM Dyar & Shan., see **SIMULIUM CLARUM** (Dyar & Shan.)

EUSIMULIUM DACOTENSE Dyar & Shan., see **CNEPHIA DACOTENSE** (Dyar & Shan.)

EUSIMULIUM PECUARUM (Riley), see **CNEPHIA PECUARUM** (Riley)

EUSPHYRUS Lec. - NOMENCLATURE
Bradley, Bklyn. Ent. Soc. B. 41:99, 1946.

EUTELUS SUBFUMATUS (Ratz.)
Briand, Quebec Soc. Protect. Plants R. 30:56, 1947.

EUTERMES ACAJUTLAE Holmg., see **NASUTITERMES NIGRICEPS** (Hald.)

EUTETIX INSANUS Ball, see **OLLARIANUS INSANUS** (Ball)

EUTETIX TENELLUS (Baker), see **CIRCULIFER TENELLUS** (Baker)

EUTHERA SETIFACIES Brooks
n Brooks, Can. Ent. 77:79, 1945.

EUTRICOGENA POLITA Brooks
n Brooks, Can. Ent. 77:92, 1945.

EUTROMBICULA Ewing - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47:17-18.
i Snyder et al., USDA EPQ E-733:9-10,17-18,20-235, 1947.

EUTROMBICULA - REARING
Annand, USDA EPQ R. f. 1946/47:36.

EUTROMBICULA - REDESCRIPTION
Ewing, J. Parasit. 32:437,439, 1946.

EUTROMBICULA ALFREDDUGESI (Oud.) (CHIGGER)*
Bushnell & Twiehaus, Kans. B. 326: 88, 1945.
Coffin, Man. Vet. Clin. Path. rev.:61, 1945.
Seiden, Poult. Handb.:80-81, 1947.
bi Williams, Amer. J. Trop. Med. 26: 243-250, 1946.

EUTROMBICULA ALFREDDUGESI - BITES
Bennett, Chem. Formulary v. 7:98-99, 1945.

EUTROMBICULA ALFREDDUGESI - HORSES
Tiner & Douglass, N. Amer. Vet. 27: 219, 1946.

EUTROMBICULA ALFREDDUGESI - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:9; i. 1945/46:12-13.
b Linduska & Morton, Amer. J. Trop. Med. 27:771-777, 1947.
Smith & Gouck, J. Ec. Ent. 40:790-795, 1947.

EUTROMBICULA ALFREDDUGESI - POULTRY
Ingram & Jones, La. Ext. C. 258 rev.: 6, 1945.

EUTROMBICULA ALFREDDUGESI - REARING
bi Jenkins, Ent. Soc. Amer. Ann. 40: 56-68, 1947.

EUTROMBICULA ALFREDDUGESI & BULLIS FEVER
Pollard et al., Amer. J. Trop. Med. 26:175-176, 1946.

EUTROMBICULA ALFREDDUGESI & TYPHUS, SCRUB
Blake et al., Amer. J. Hyg. 41:292, 1945.
Hermes, Cal. Med. 67:98, 1947.

EUTROMBICULA BATATAS (L.)
bi Michener, Ent. Soc. Amer. Ann. 39: 101-118, 1946.

EUTROMBICULA BATATAS - REARING
bi Jenkins, Ent. Soc. Amer. Ann. 40: 56-68, 1947.
i Michener, Amer. J. Trop. Med. 26: 251-258, 1946.

EUTROMBICULA DEFECTA Ewing
ni Ewing, J. Parasit. 32:439-440, 1946.

EUTROMBICULA FLUI Thiel, see **EUTROMBICULA BATATAS** (L.)

EUTROMBICULA MASONI Ewing - REARING
bi Jenkins, Ent. Soc. Amer. Ann. 40: 56-68, 1947.

EUTROMBICULA TROPICA (Ewing)
MacCreary, J. Ec. Ent. 38:127, 1945.
Snyder & Morton, Soap & Sanit. Chem.
22(11):133,135, 1946.

EUVANESSA ANTIOPA (L.), see NYM-
PHALIS ANTIOPA (L.)

EUXESTA sp.
Pemberton, Hawaiian Sugar Planters'
Assoc. P. 66, Expt. Sta. R. f.
1945/46:23, 1947.
Van Zwaluwenburg, Hawaiian Planters'
Rec. 50:16, 1946.

EUXESTA MAJOR Wulp
Buchanan et al., Iowa R. f. 1946/47 pt.
2:328-329.

EUXESTA STIGMATIAS Loew (CORN
SILK FLY)
Wylie, Fla. R. f. 1946/47:203.
Wylie & Wilson, Fla. R. f. 1946/47:182

EUXOA Hbn.
Gauthier, Can. Ins. Pest Rev. 24:31,
1946.

EUXOA sp.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1945/46:19.

EUXOA ALBIPENNIS (Grote)
Gauthier & Rioux, Quebec Soc. Protect.
Plants R. 29:88, 1945?
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA DECLARATA (Wlkr.)
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?

EUXOA DETERSE (Wlkr.)
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?

EUXOA EXCELLENS (Grote)
Downes, Can. Ins. Pest Rev. 24:126-
127, 1946.
Downes et al., Can. Ins. Pest Rev. 25:
4, 1947.

EUXOA FLAVICOLLIS (Smith)
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA FUMALIS (Grote)
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?

EUXOA LAETIFICANS (Smith)
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA MESSORIA (Harr.) (DARK-
SIDED CUTWORM)*
Arnason, Can. Ins. Pest Rev. 25.5,
1947.
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA OCHROGASTER (Guen.) (RED-
BACKED CUTWORM)*
Arnason et al., Can. Ins. Pest Rev.
24:82,86, 1946.
Bird & Mitchener, Can. Ins. Pest Rev.
24:67,69, 1946.
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?
Handford, Can. Ent. 79:36-37, 1947.
Manson et al., Can. Ins. Pest Rev. 24:
93,104, 1946; 25:4-5, 1947.
Oldroyd, Alaska R. 10: 52-53, 1947.

EUXOA OCHROGASTER - POISON
BAIT
Saskatchewan Univ., Guide to Farm
Pract. in Saskatchewan:89-99, 1945.

EUXOA PALLIPENNIS (Smith)
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA PLAGIGERA (Morr.)
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA QUADRIDENTATA (Grote &
Rob.)
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA RIDINGSIANA (Grote)
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA SCANDENS (Riley) (WHITE CUT-
WORM)*
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?

EUXOA SCHOLASTICA McD.
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?

EUXOA TESSELLATA (Harr.) (STRIPED
CUTWORM)*
Arnason, Can. Ins. Pest Rev. 25:5,
1947.
Bird & Mitchener, Can. Ins. Pest Rev.
24:69, 1946.
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?
Handford, Can. Ent. 79:36-37, 1947.
Oldroyd, Alaska R. 10:52, 1947.

EUXOA TRISTICULA (Morr.) (EARLY
CUTWORM)
Arnason, Can. Ins. Pest Rev. 25.5,
1947.
Manson et al., Can. Ins. Pest Rev. 24:
104, 1946.

EUXOA VETUSTA (Wlkr.)
Gauthier & Rioux, Quebec Soc. Pro-
tect. Plants R. 29:88, 1945?

EUZOPHERA AGLAELLA Rag., see
EUZOPHERA SEMIFUNERALIS
(Wlkr.)

EUZOPHERA SEMIFUNERALIS (Wlkr.)
(WALNUT GIRDLER)
Lauderdale, Ariz. St. Ent. R. f.
1945/46:19.

EVALLJAPYX SONORANUS Silv. -
CANADA
Saunders, Can. Ent. 78:95, 1946.

EVERGESTIS RIMOSALIS (Guen.)
(CROSS-STRIPED CABBAGE-
WORM)*
Bottger & Levin, USDA EPQ E-729,
23 p.; E-738:1,6,8, 1947.
Mayer & Gahan, USDA EPQ E-646:4-
9, 1945.
Swingle et al., USDA EPQ E-634,23 p.,
1945.

EVERGESTIS STRAMINALIS (Hbn.)
(PURPLE-BACKED CABBAGE-
WORM)
Cannon, Can. Ins. Pest Rev. 24:10,
1946.
Gardiner, Can. Min. Agr. R. f.
1946/47:82.
Neary, N. S. Dept. Agr. & Mktg. R. f.
1945/46:92, 1947.

- EVERGESTIS STRAMINALIS**--Continued.
Patterson et al., Can. Ins. Pest Rev. 25:33, 1947.
- EVERGREEN INSECTS**
Bellmann, Mo. Bot. Gard. B. 33:222, 1945.
Bromley, N. Y. Ent. Soc. J. 55:208-214, 1947.
Davis, Amer. Nurseryman. 84(9):9-10, 44, 1946.
Parks & King, Ohio Ext. B. 76 rev. 23, 1947.
- EVIPPE PRUNIFOLIELLA** Chamb.
Lininger et al., Pa. B. 480:40, 1946.
- EVODINUS MONTICOLA** (Rand.)
Knull, Ohio Biol. Surv. B. 39:178, 1946.
- EXENTERA** Grote, *see* **PSEUDEXENTERA** Hehr.
- EXENTERUS** Htg.
Balch & Reeks, N. B. Dept. Lands & Mines R. 108:109, 1945.
Gardiner, Can. Min. Agr. R. f. 1945/46:73,80.
Lévesque, For. Québécoise 11:532-533, 1946.
Paquet, Quebec Min. Lands & For. R. f. 1943/44:93-94, 1945.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:9, 1945.
- EXENTERUS ABRUPTORIUS** (Thunb.)
Baird, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:28-30,36, 1947.
Briand, Quebec Soc. Protect. Plants R. 30:56, 1947.
Davault, Quebec Min. Lands & For. R. f. 1945/46:114, 1947.
Finlayson, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:47-48,52-55, 1947.
Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:37-39,43-44,46,56-57,59, 1947.
- EXENTERUS ADSPERSUS** Htg.
Baird, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:28,30,36, 1947.
- EXENTERUS AMICTORIUS** (Panz.)
Baird, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:28,30,36, 1947.
Briand, Quebec Soc. Protect. Plants R. 30:56-59, 1947.
Davault, Quebec Min. Lands & For. R. f. 1944/45:116, 1946; f. 1945/46:114, 1947.
Finlayson, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:53-55, 1947.
Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:37-42, 1947.
- EXENTERUS CANADENSIS** Prov.
Girth & McCoy, N. Y. Ent. Soc. J. 54:320, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:13, 1947.
Weiss, N. J. Dept. Agr. R. 31:147, 1946.
- EXENTERUS CLARIPENNIS** Thoms.
Baird, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:28,30,36, 1947.
Balch & Reeks, N. B. Dept. Lands & Mines R. 109:124, 1946; 110:64, 1947.
Briand, Quebec Soc. Protect. Plants R. 30:181, 1947.
Finlayson, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:53-55, 1947.
Reeks, Can. Ins. Pest Rev. 24:25, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:11, 1946, f. 1946:11, 1947.
Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:40-42, 1947.
- EXENTERUS LEPIDUS** Holmg.
Briand, Quebec Soc. Protect. Plants R. 30:56, 1947.
- EXENTERUS MARGINATORIUS** (F.), *see* **EXENTERUS AMICTORIUS** (Panz.)
- EXENTERUS TRICOLOR** Roman
Briand, Quebec Soc. Protect. Plants R. 30:56-57, 1947.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:11, 1947.
- EXENTERUS VELLICATUS** Cushm.
Balch & Reeks, N. B. Dept. Lands & Mines R. 109:124, 1946; 110:64, 1947.
Briand, Quebec Soc. Protect. Plants R. 30:56,181, 1947.
Reeks, Can. Ins. Pest Rev. 24:25, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:11, 1946, f. 1946:11, 1947.
- EXERISTES ROBULATOR** (F.)
Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):3.
Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1946, No. 3):3, 1946.
- EXETASTES BIFENESTRATUS** (Cushm.)
Tissot, Fla. R. f. 1944/45:64.
- EXETASTES BREVICORNIS** Cushm.
McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:239, 1947.
- EXITIANUS** Ball - NORTH AMERICA & MEXICO
nik DeLong & Hershberger, Ohio J. Sci. 47:107-116, 1947.
- EXOCHOMUS CUBENSIS** Dimmock
Osorio, Control de Plagas 8[1.e. 7]:73, 1945.

- EXOCHOMUS FLAVIPES** (Thunb.)
Omer-Cooper & Glaholm, Ctt. Leaves 26(5):30, 1946.
- EXOCHOMUS QUADRIPUSTULATUS** (L.)
Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:60-62, 1947.
- EXOCHOMUS SEPTENTRIONIS** Weise
Fautin, Ecol. Monog. 16:264, 1946.
- EXOCHUS** sp.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:12, 1946; f. 1946:12, 1947.
- EXOCHUS ANNULICRUS** Walsh
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:12, 1947.
- EXOMALOPSIS** Spin. - UNITED STATES
nk Timberlake, N. Y. Ent. Soc. J. 55: 85-106, 1947.
- EXOPHTHALMODES QUINDECIMPUNCTATUS** (Oliv.)
i Martorell, P. R. Univ. J. Agr. 29: 453-455, 1945.
- EXOPHTHALMODES ROSEIPES** (Chevr.)
i Martorell, P. R. Univ. J. Agr. 29: 454, 457, 1945.
- EXOPROSOPA FASCIATA** Macq. - WINGS
i Frost, Ent. News 56:104-106, 1945.
- EXORISTA** sp.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. f. 1946:10, 1947.
- EXORISTA LARVARUM** (L.)
Friend, Conn. Acad. Arts & Sci. Trans. 36:621-622, 1945.
- EXOTELEIA DODECELLA** (L.) - PARASITES
Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:75-77, 1947.
- EXOTELEIA PINIFOLIELLA** (Chamb.) (PINE NEEDLE MINER)*
Davis, Amer. Nurserym. 84(9):10, 1946.
- Morrow, Green Thumb 3(6):18, 1946.
- ***EYED CLICK BEETLE**, see **ALAUUS OCULATUS** (L.)
- FABRIC INSECTS**
Donohoe, Pests 15(10):38, 1947.
b Michelbacher, Pests 15(6):8, 10, 12, 1947.
- Parker & Beacher, Del. B. 264:17-19, 25, 1947.
- Stearns, Soap & Sanit. Chem. 23(1): 119, 141, 1947.
- FALCULIFER ROSTRATUS** Buchh.
Yager & Gleiser, Amer. Vet. Med. Assoc. J. 109:206-207, 1946.
- ***FALL ARMYWORM**, see **LAPHYGMA FRUGIPERDA** (Abbott & Smith)
- ***FALL CANKERWORM**, see **ALSOPHILA POMETARIA** (Harr.)
- ***FALL WEBWORM**, see **HYPHANTHRIA CUNEA** (Drury)
- FALSE BLACK FLOUR BEETLE**, see **TRIBOLIUM DESTRUCTOR** (Utenb.)
- FALSE BLACK WIDOW SPIDER**, see **LATRODECTUS GEOMETRICUS** Koch
- ***FALSE CHINCH BUG**, see **NYSTIUS ERICAE** (Schill.)
- FALSE FLEAHOPPER**, see **CHLAMY DATUS ASSOCIATUS** (Uhl.)
- FALSE HEMLOCK LOOPER**, see **NEPYTIA CANOSARIA** (Wlkr.)
- ***FALSE STABLE FLY**, see **MUSCINA STABULANS** (Fall.)
- FANNIA CANICULARIS** (L.) (LITTLE HOUSEFLY)*
McDaniel, J. Milk Technol. 8:338-340, 1945.
- FANNIA CANICULARIS & MYIASIS**
i James, USDA Misc. Pub. 631:129-130, 1947.
- FANNIA CANICULARIS & MYIASIS IN TOADS**
James & Maslin, Wash. Acad. Sci. J. 37:366-367, 1947.
- FANNIA FUSCONOTATA** (Rond.) & MYIASIS
James, USDA Misc. Pub. 631:130, 1947.
- FANNIA INCISURATA** (Zett.) & MYIASIS
James, USDA Misc. Pub. 631:128-129, 1947.
- FANNIA LEYDII** (Walsh) & MYIASIS
James, USDA Misc. Pub. 631:130, 1947.
- FANNIA MANICATA** (Meig.) & MYIASIS
James, USDA Misc. Pub. 631:128, 1947.
- FANNIA PUSIO** (Wied.)
Tanada et al., Hawaii R. f. 1944/46: 71, 73, 1947.
- FANNIA SCALARIS** (F.) (LATRINE FLY)*
Shaw & Bourne, J. Ec. Ent. 39:544, 1946.
- FANNIA SCALARIS & MYIASIS**
i James, USDA Misc. Pub. 631:127-128, 1947.
- FANNIA WILSONI** (Walsh) & MYIASIS
James, USDA Misc. Pub. 631:130, 1947.
- FASCISTA CERCERISELLA** (Chamb.) (REDBUD LEAFROLLER)
Dean et al., Kans. Ent. Soc. J. 18:94, 1945.
- FAWN-COLORED LAWN MOTH**, see **CRAMBUS BONIFATELLUS** (Hulsö)
- FEATHER LOUSE**, see **COLUMBICOLA COLUMBAE** (L.)
- FEATHER MITE**, see **LIPONISSUS SYLVARIUM** (Can. & Fanz.)
- FELTIA** sp.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:18.
- FELTIA ANNEXA** (Trett.), see **FELTIA SUBTERRANEA** (F.)
- FELTIA DUCENS** Wlkr.)
Manson et al., Can. Ins. Pest Rev. 24:104, 1946.
- FELTIA MALEFIDA** (Guen.), see **AGROTIS MALEFIDA** Guen.
- FELTIA SUBGOTHICA** (Haw.) (DINGY CUTWORM)* - PARASITES
Satterthwait & Swain, J. Ec. Ent. 39: 579, 1946.
- FELTIA SUBTERRANEA** (F.) (GRANULATE CUTWORM)*
i Bohart, Hilgardia 17:298-299, 1947.

FELTIA SUBTERRANEA--Continued.
Flock, Ariz. St. Ent. R. f. 1944:17,
1945.

Kelsheimer, Fla. R. f. 1945/46:106.

Kelsheimer, Fla. B. 434:8-9, 1947.

Tissot, Fla. R. f. 1944/45:64; f.
1945/46:61-62.

Wilcox & Howland, USDA EPQ E-699:
1,4,6-8, 1946.

Wilson, Fla. R. f. 1945/46:187.

Wylie, Fla. St. Hort. Soc. P. 59:91,
1946.

Wylie, Fla. R. f. 1946/47:203.

FENISECA TARQUINIUS (F.)

Brower, J. Ec. Ent. 40:693-694, 1947.

Stallings & Turner, Kans. Ent. Soc. J.
19:110, 1946.

FENUSA PUMILA (Klug), see FENUSA
PUSILLA (Lep.)

FENUSA PUSILLA (Klug) (BIRCH LEAF
MINER)*

Cummings, Amer. Nurserym. 83(7):14,
1946.

i Davlault, For. Québécoise 11:653-
655, 1946, Québec Min. Terres et

For. Bur. d'Ent. C. 4,3 p., 1946?

Davlault & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
23, 1946.

Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:39, 1947.

Lambert, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:19, 1945.

Meserve, Natl. Shade Tree Conf. P.
23:160, 1947.

Reeks, Can. Ins. Pest Rev. 24:28, 1946.

Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:8, 1945.

f. 1945:13, 1946, f. 1946:14, 1947.

Reeks et al., Can. Ins. Pest Rev. 25:
60-61, 1947.

Zappe et al., Conn. B. 501:39,45, 1946.

FENUSA ULMI Sund. (ELM LEAF MIN-
ER)*

i Boyd, N. J. Dept. Agr. C. 355:64-65,
1945.

Cummings, Amer. Nurserym. 83(7)
14, 1946.

Hammond, Can. Ins. Pest Rev. 25:64,
1947.

Thompson, Can. Ins. Pest Rev. 24:42,
1946.

Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
38, 1947.

FERALIA JOCOSA (Guen.) (GREEN-
STRIPED SPRUCE CATERPILLAR)

Bradley, Can. Ins. Pest Rev. 24:63,
1946.

FERONIA ATER Dej. - FEEDING HAB-
ITS

La Rivers, Pan-Pac. Ent. 22:102, 1946.

FERRISIA VIRGATA Ckll., see FERRISI-
ANA VIRGATA (Ckll.)

Morrill & Otnes, J. Ec. Ent. 40:599,
1947.

FESCUE INSECTS

Rampton, Oreg. B. 427:22, 1945.

FICALBIA LUZONENSIS (Ludl.)

Stone, Wash. Ent. Soc. P. 47:39, 1945.

FICUS SPHINX, see PACHYLIA FICUS
(L.)

FIDIA VITICIDA Walsh (GRAPE ROOT-
WORM)*

i Filinger, Kans. C. 235:37, 1946.

Mills & Dewey, N. Y. (C.) Ext. B. 306
rev. 45-47, 1946.

Roberts & Bourne, Mass. Ext. Leaf.
64 rev. 13, 1947.

Talbert, Gen. Hort.:191, 1946.

FIDIA VITICIDA - SPRAYS - DDT

Anand, USDA EPQ R. f. 1945/46:3.

Still, Ohio St. Hort. Soc. P. 79:83,
1946; 100:150, 1947.

FIEBERIELLA FLORII Stål

i DeLong & Severin, Hilgardia 17:
533-534, 1947.

FIEBERIELLA FLORII & CALIFORNIA
ASTER YELLOWS

i Severin, Hilgardia 17:517, 1947.

FIELD APPARATUS, see also DUSTING
APPARATUS; FUMIGATING AP-
PARATUS; MOSQUITO CON-
TROL - EQUIPMENT; SPRAYING
APPARATUS; TRAPS FOR IN-
SECTS

FIELD APPARATUS - ASPIRATOR,
MOTORIZED

i Cartwright & Luginbill, USDA EPQ
ET-244,2 p., 1947.

FIELD APPARATUS - BOILER, PORT-
ABLE

i Connola et al., N. Y. (C.) B. 841:33-
34, 1947.

FIELD APPARATUS - BUG-CATCHING
MACHINES

USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R.:13, 1947.

FIELD APPARATUS - CAGES

i Boyer, Mich. Dept. Agr. Bien. R. 11:
94-95, 1945.

i Hill, Neb. Res. B. 143:7-9, 1946.

FIELD APPARATUS - COLLECTING

i Carpenter, Amer. Mid. Nat. Monog.
3:11-13, 1946.

i Post, N. Dak. Bimo. B. 9:78, 1947.

FIELD APPARATUS - CORN STOCK

PULVERISER

Jardine et al., USDA OES R. f.
1943/44:49, 1945.

Willeman & Deay, Ind. R. 58:16, 1945.

FIELD APPARATUS - CYLINDER
SAMPLER

i Romney, Ecology 26:136-139, 1945.

FIELD APPARATUS - DUST APPLICATOR

i Decker et al., Ill. Ext. C. 590:12-13,
1945.

FIELD APPARATUS - LARVICIDE DIS-
PENSER

Hansens, J. Ec. Ent. 40:755, 1947.

i Knowles & Fisk, U. S. Pub. Health
Rpts. 60:1008, 1945.

FIELD APPARATUS - PAPER-FENCE

i Decker et al., Ill. Ext. C. 590:9-10,
1945.

FIELD APPARATUS - PARTICLE SIZE
SAMPLERS

i Potts & Friend, Conn. B. 501:54-58,
1946.

FIELD APPARATUS - PICKING UP
PEACH DROPS

i Snapp & Jones, USDA EPQ E-638,2 p.,
1945.

- FIELD APPARATUS - PLANKTON PUMP
i Bishop, U. S. Pub. Health Rpts. 62:
1264-1265, 1947.
- FIELD APPARATUS - PLOW APPLICA-
TOR FOR FUMIGANTS
bi Cook & Lane, USDA EPQ ET-236,
6 p., 1947.
- FIELD APPARATUS - SAW, CONTINU-
OUS CHAIN
Weiss, N. J. Dept. Agr. R. 31:156, 1946.
- FIELD APPARATUS - STILTS
Marshall, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:49-50, 1947.
Marshall, Ind. Acad. Sci. P. 56:170-
172, 1947?
- FIELD APPARATUS - SWEEP-NET
Romney, Ecology 26:137-139, 1945.
- FIELD APPARATUS - TWIG CLIPPING
STILTS
Marshall, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:50, 1947.
- *FIELD CRICKET, see *ACHETA*
ASSIMILIS F.
- FIELD CROP INSECTS
Annand, USDA EPQ R. f. 1943/44:9;
f. 1944/45:12-13, 31-32; f. 1945/46:
5-6; f. 1946/47:8-9.
i Bullock, Pract. Farm. f. So. ed. 2:
167-174, 179-181, 187-188, 191, 194,
203, 208, 212, 1946.
Davis, Ind. Acad. Sci. P. 56:148-150,
1947?
Houser, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:81-82, 1946.
Knutson, R. I. Dept. Agr. & Conserv.
R. 12:54-55, 1947.
Lauderback, Ariz. St. Ent. R. f.
1945/46:21.
Parker, Ariz. St. Ent. R. f. 1946/47:
26-27.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:103-104, 1947.
Sherwood & Bishop, W. Va. Ext. C.
325 rev.:35-38, 1945.
Snipes et al., Rocky Mountain Conf.
Ent. R. 18:9-10, 1947.
- FIELD CROP INSECTS - CALIFORNIA
Lockwood, Cal. Dept. Agr. B. 35:202-
203, 1946.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45:9-10.
Steinweden, Cal. Dept. Agr. B. 34:184,
1945.
- FIELD CROP INSECTS - CANADA
Bird et al., Can. Ins. Pest Rev. 15-24,
1947.
Gardiner, Can. Min. Agr. R. f.
1944/45:53-58; f. 1945/46:64-67; f.
1946/47:78-82.
Gorham, Can. Ins. Pest Rev. 23:14-
15, 1945; 24:18-21, 1946.
Maltais, Can. Ins. Pest Rev. 24:34-35,
1946.
Mitchener, Manitoba Dept. Agr. &
Immigr. Pub. 206, 12 p., 1946.
Twinn, Can. Ins. Pest Rev. 23:14, 1945.
Saskatchewan Univ., Guide to Farm
Pract. in Saskatchewan:86-93, 97,
1945.
- FIELD CROP INSECTS - INSECTICIDES
Trullinger et al., USDA OES R. f.
1945/46:110-112, 1947.
- FIELD CROP INSECTS - INSECTI-
CIDES - DDT
Creighton, Fla. St. Hort. Soc. P. 58:
150, 1945.
Creighton, Cit. Indus. 27(1):5-6, 1946.
Fenton et al., Okla. Mimeo. C. 147:3-
4, 6, 1945.
Packard, USDA EPQ E-640, 9 p., 1945.
- FIELD CROP INSECTS - LOSSES
CAUSED BY
Arnason & McDonald, Saskatch. Dept.
Agr. R. 42:91-92, 1947.
King & McDonald, Saskatch. Dept.
Agr. R. 40:73-74, 1945; 41:83-84,
1946.
- FIELD CROP INSECTS - OUTLOOK
Hall, Cargill Crop Bul. 21(11).11,
1946.
- FIELD CROP INSECTS - VIRGINIA
Underhill & Bodenstein, Va. TB 97,
18 p., 1946.
Va. Ext. B. 97 rev.:40-44, 1947.
- FIELD ROACH, see *BLATTELLA VAGA*
Heb.
- *FIERY HUNTER, see *CALOSOMA*
CALIDUM (F.)
- FIERY SKIPPER, see *HYLEPHILA*
PHYLEUS (Drury)
- FIG BEETLE, see *COTINIS TEXANA*
Casey
- FIG DARKLING BEETLE, see *BLAPSTI-*
NUS RUFIPES Casey
- FIG ENGRAVER BEETLE, see *APSENA*
RUFIPES (Esch.)
- FIG INSECTS
Condit, Fig:177-187, 1947.
- *FIG MITE, see *ACERIA FIGUS* (Cotte)
- FIG MOTH, see *EPHESTIA CAUTELLA*
(Wlkr.)
- *FIG SCALE, see *LEPIDOSAPHES*
FIGUS (Sign.)
- FIG WASP, see *BLASTOPHAGA*
PSENES (L.)
- FIJI DISEASE OF SUGARCANE, see
under genus *PERKINSIELLA*
- FILARIASIS, see under genera *AEDES*,
ANOPHELES; *CULEX*; *CULI-*
SETA; *HAEMOLAEIAPS*; *LIPO-*
NISSUS; *MANSONIA*; *ORTHOPODO-*
MYIA; *PSOROPHORA*; *RHOPAL-*
OPSYLLUS; and *INSECTS & DIS-*
EASE - FILARIASIS; *MOSQUI-*
TOES & DISEASE - FILARIASIS
- FILARIASIS OF DOGS, see under genus
PSOROPHORA; and *MOSQUI-*
TOES & ANIMAL DISEASE - FILA-
RIASIS OF DOGS
- FILATIMA Busck
ni Clarke, Wash. Acad. Sci. J. 37:263-
275, 1947.
- *FILBERT BUD MITE, see *PHYTOPTUS*
AVELLANAE Nal.
- FILBERT INSECTS
b Thompson, Oreg. St. Hort. Soc. R.
38:89-92, 1946; 39:117-119, 1947.
- *FILBERTWORM, see *MELISSOPUS*
LATIFERRANEUS (Wlsm.)
- FILTER FLY, see *PSYCHODA ALTER-*
NATA Say
- FIORINIA FIORINIAE (Targ.)
Morrison, Cal. Dept. Agr. B. 35:134,
1946.

- FLORIDA THEAE Green (TEA SCALE)**
 1 English, Amer. Camellia YB 1:32-33, 1946.
 1 Hume, Camellias in Amer. 176-177, 1946.
 Keifer, Cal. Dept. Agr. B. 33:250, 1945, 34:190, 1946.
 Morrison, Cal. Dept. Agr. B. 35:134, 1946.
 Wilmot, Fla. Ext. B. 130:17-18, 1946.
- *FIR ENGRAVER, see SCOLYTUS VENTRALIS Lec.**
- FIR INSECTS - CONTROL - SANITATION CUTTING**
 1 Westveld, Soc. f. Protect. N. H. For. Budworm Is Back:9-15, 1947?
- *FIRE ANT, see SOLENOPTIS GEMINATA (F.)**
- FIRE BLIGHT, see APHIDS & PLANT DISEASE - FIRE BLIGHT, INSECTS & PLANT DISEASE - FIRE BLIGHT**
- *FIREBRAT, see THERMOBIA DOMESTICA (Pack.)**
- FIREFLIES - LUMINESCENCE**
 Headstrom, Horticulture 23:463, 1945.
 McElroy, Natl. Acad. Sci. P. 33:342-345, 1947.
- FISH - INSECT ENEMIES, see INSECTS - PREY - FISH**
- FISH - INSECT FOOD**
 Gardner, Mich. R. 58 in Mich. St. Bd. Agr. R. 84:222, 1946.
 1 Kane, Sci. Illus. 2(4):75-77, 1947.
 1 Leonard, Ent. Soc. Amer. Ann. 40: 688-691, 1947.
 McConnell, Tenn. Acad. Sci. J. 22:89-90, 1947.
 1 McLeod, Ent. Soc. Manitoba P. 3:16-26, 1947.
 1 Pennak & Van Gerpen, Ecology 28: 42-47, 1947.
 Robertson, Ecology 28:97-103, 1947.
 1 Russell et al., Pract. Malar.:479-483, 1946.
 1 Tulenko, Mo. Conserv. 6(5):4-5, 15, 1945.
 1 Walton, Pa. Angler 9 [i.e. 14](3):9, 1945.
 1 Wright, Tenn. Acad. Sci. J. 21:60-63, 1946.
 1 Cal. St. Dept. Pub. Health B. 44 rev.: 33-35, 1945.
- FISH - INSECT FOOD, see also INSECTS AS FISH BAIT; MOSQUITOES & FISH**
- FISHIA EVELINA (FRENCH)**
 Arnason, Can. Ins. Pest Rev. 25:5, 1947.
- FIVE-SPINED ENGRAVER BEETLE, see IPS CONFUSUS (Lec.)**
- FIVE-STRIPED WILLOW BEETLE, see DISONYCHA CAROLINIANA (F.)**
- *FLAT GRAIN BEETLE, see LAEMOPHLOEUS PUSILLUS (Schönh.)**
- *FLATHEADED APPLE TREE BORER, see CHRYSOBOTHRIS FEMORATA (Oliv.)**
- FLATHEADED BORERS, see BUPRESTIDAE**
- *FLAX BOLLWORM, see HELIOTHIS ONONIS (Schiff.)**
- FLAX INSECTS**
 1 McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:231-240, 1947.
 Roney, J. Ec. Ent. 40:931-932, 1947.
- FLEA BEETLES**
 Bissell & Dupree, Ga. B. 254:16, 1947.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:27, 1947.
 1 Lange, Spreckels Sugar Beet Bul. 11:3, 1947.
 Severin, S. Dak. R. 60:17, 1947.
 1 Shull & Manis, Ida. Ext. B. 150 5-6, 1945.
 1 Vorhies & Wehrle, Ariz. B. 203:20-21, 1946.
- FLEA BEETLES - CANADA**
 Buckell, Can. Ins. Pest Rev. 24 115, 1946.
 Manson et al., Can. Ins. Pest Rev. 24. 95,96, 1946.
 Robertson, B. C. Dept. Agr. R. 40: V49, 1946.
 Ward, B. C. Dept. Agr. R. 40:V76, 1946, 41:W105, 1947.
 Wressell, Can. Ins. Pest Rev. 24:56, 1946.
- FLEA BEETLES - DISTRIBUTION - SOIL**
 Davis & Landis, J. Ec. Ent. 40:823, 1947.
- FLEA BEETLES - INSECTICIDES**
 1 Lehker, Ind. Ext. B. 239 rev.:8-9, 1947.
 1 Lincoln, Ark. Ext. C. 438:9, 1945.
 Pepper, Pa. Veg. Grow. News 15(1) 58-59, 1945.
 Pepper, Pa. Ext. C. 287:11, 1946.
 Price, Ky. Ext. C. 435:7, 1947.
 Watkins, N. Y. (C.) R. 58:117, 1946.
 Watkins & Logan, N. Y. (C.) R. 57: 125, 1945.
- FLEA BEETLES - POTATOES**
 White, USDA EPQ E-642:2, 1945.
- FLEA BEETLES - TOBACCO SEED BEDS**
 Johnson & Ogden, Wis. B. 467:26, 1945.
- FLEAS**
 1 Bishopp, USDA Leaf. 152 rev.:4 p., 1946.
 1 Cameron, Parasites of Man ed. 2: 156-161, 1946.
 Cole, U. S. Pub. Health Rpts. 61:1476, 1946.
 1 Corrington, Nature Mag. 39,221-223, 1946.
 Dean et al., Kans. Ent. Soc. J. 18:92, 1945.
 1 Lincoln, Ark. Ext. C. 362 rev.:8-9, 1945.
 1 Mallis, Handb. of Pest Control:380-394, 1945.
 1 Shepard, Pests 14(11):12, 1946.
 Smith, Pest Control & Sanit. 1(7):10-11, 1946.
 Smith et al., Kans. Ent. Soc. J. 19:47-48, 1946; 20:52,58, 1947.
 1 Stiles, Okla. Ext. C. 223 rev.:12-13, 1946?
- FLEAS, see also SIPHONAPTERA**

- FLEAS - BITES - ANTIGENS**
 Hatoff, Amer. Med. Assoc. J. 130:850-854, 1946.
- FLEAS - BITES - THERAPY**
 Eder, Arch. Ped. 62:300-301, 1945.
 b Hartman, Ann. Allergy 4:131-136, 1946.
- FLEAS - CONTROL - MILITARY ZONES**
 Carpenter et al., J. Ec. Ent. 38:600-602, 1945.
 Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):14-15, 1946.
 U. S. War Dept. TB MED 184:5-6, 1945.
 U. S. War Dept. TB MED 194(PB-2436):12,18, 1945.
 U. S. War Dept. TM 5-632 (PB-2435): 49-50, 1945.
- FLEAS - DIPS - DDT**
 Stage, J. Ec. Ent. 40:761, 1947.
- FLEAS - DUSTS - DDT**
 Boston, Med. Assoc. Ga. J. 36:124-125,150-151, 1947.
 b Davis, U. S. Pub. Health Rpts. 62: 449-463, 1947.
 Dutsch & Smith, La. R. f. 1944/45:65, 1946.
 Ludwig & Page, U. S. Pub. Health Rpts 62:77-84, 1947.
 Smith, South. Dairy Prod. J. 41(1):88, 1947.
 Warrick, Water & Sewage Works 93: 331, 1946.
 U. S. Pub. Health Serv., Pan Amer. Union B. Offic. Sanit. 26:774, 1947.
- FLEAS - HOSTS**
 b Hubbard, Fleas of West. N. Amer.: 391-518, 1947.
 Pemberton, Hawaiian Acad. Sci. P. 16: 14, 1945. (Abs.)
- FLEAS - INSECTICIDES**
 King, Tex. Ext. B. 151:11, 1947.
 Knippling, USDA YB f. 1943/47:638.
 McIndoo, USDA EPQ E-713:113-114, 1947.
 Roark, USDA EPQ E-654,15 p.; E-656:25, 1945.
- FLEAS - INSECTICIDES - DDT**
 Baillie, Can. J. Pub. Health 37:215-216, 1946.
 Bishopp, Amer. J. Pub. Health 36:603; Pests 14(8):24, 1946.
 Elishewitz, Soap & Sanit. Chem. 23(5): 127-128, 1947.
 Haseman, Mo. C. 309:4, 1946.
 Knippling, J. Ec. Ent. 39:364, 1946.
 i Kyd, Okla. Ext. C. 454:3-4, 1947.
 Lincoln, Ark. Ext. Misc. Pub. 14:4, 1945?
 Mote, Oreg. C. Inform. 389:3, 1946.
 Parran, U. S. Pub. Health Serv. Ann. R. 73[1.e. 74] f. 1944/45:92.
 Price, Ky. Ext. C. 438:4, 1947.
 Randolph, Tex. Acad. Sci. P. & Trans. 29:51-52, 1946.
 Roark & McIndoo, USDA EPQ E-687: 70, 1946; E-728:149-150, 1947.
 Stage, USDA EPQ E-680,4 p., 1946.
 Taggart, Cornell Vet. 36:163, 1946.
 i Taggart & Osmun, Pub. Works 77(11): 30, 1947.
 Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19:29, 1946.
- FLEAS - INSECTICIDES - DDT--Continued.**
 Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38:5-6, 1946.
 Webster, Better Homes & Gard. 24 (9):149, 1946.
 USDA EPQ & U. S. Pub. Health Serv. DDT for Control of Household Pests: 11, 1947.
 USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:49, 1946.
- FLEAS - NEBRASKA**
 b Gates, Ent. News 56(1):10-13, 1945.
- FLEAS - NORTH AMERICA (WESTERN)**
 bnik Hubbard, Fleas of West N.Amer., 533 p., 1947.
- FLEAS - PUERTO RICO**
 ik Maldonado Capriles, P. R. J. Pub. Health & Trop. Med. 21:173-183, 1945.
- FLEAS & ANIMAL DISEASE - PLAGUE**
 Linsdale, Cal. Ground Squirrel:270-278, 1946.
- FLEAS & ANIMAL DISEASE - RICKETTSIAL DISEASE OF VOLES**
 bi Baker, J. Expt. Med. 84:46-49, 1946.
- FLEAS & DISEASE**
 Bishopp, Amer. J. Pub. Health 35:376, 1945.
 i Boyd, Prev. Med. ed. 7:269-270,303-310, 1945.
 Doty, Hawaiian Planters' Rec. 49:98, 1945.
 b Getting, New Eng. J. Med. 232:345, 376, 1945.
 Hubbard, Fleas of West. N. Amer.: 17-27, 1947.
 Hull, Dis. Transmitted from Anim. to Man. ed. 3:323,332,334,340-343,354-358, 1947.
 Maldonado Capriles, P. R. J. Pub. Health & Trop. Med. 21:176-179, 1945.
 i Manson-Bahr, Manson's Trop. Dis. ed. 12:994-998, 1945.
 Simmons, Adv. Int. Med. 2:257-258, 1947.
 Smillie, Pub. Health Adm. in U. S. ed. 3:174,179,254, 1947.
 Van Zwailenburg, Plantation Health 10(1):27-28, 1946.
- FLEAS & DISEASE - PLAGUE**
 i Chapin, Pan Amer. Union B. 80:663-664, 1946.
 Elishewitz, Soap & Sanit. Chem. 23 (5):127-128, 1947.
 b Gordon & Knies, Amer. J. Med. Sci. 213:362-376, 1947.
 Hampton, U. S. Pub. Health Rpts. 60: 1365-1366, 1945.
 Humphreys, Can. J. Compar. Med. 11: 187-190, 1947.
 b Humphreys & Campbell, Can. J. Pub. Health 38:124-126,130, 1947.
 bi Kartman, J. Parasit. 32:30-35, 1946.
 Macchiavello, Amer. J. Pub. Health 36:842-854, 1946.
 Marshall & Ullo, War Med. 7(1):40-43, 1945.

FLEAS & DISEASE - PLAGUE--Continued.

- i Meyer, N. Y. Acad. Sci. Ann. 48:448-451, 1947.
- Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:92-93.
- Prince, U. S. Pub. Health Rpts. 62: 463-467, 1947.
- Wayson, U. S. Pub. Health Rpts. 62: 780-791, 1947.
- Wilbar, Hawaii Bd. Health R. f. 1945/46:81-82.
- U. S. Pub. Health Rpts. 62:431-433, 1947.

FLEAS & DISEASE - PLAGUE - ENGLISH LITERATURE

- b Twinn, Pests 13(11).14,16,18,29, 1945.

FLEAS & DISEASE - PLAGUE, SYLVATIC

- Hampton, U. S. Pub. Health Rpts. 60: 1361-1365, 1945.
- Marshall & Ullo, War Med. 7(1):43, 1945.

- i Meyer, N. Y. Acad. Sci. Ann. 48:453-456,459-464, 1947.
- bl Wheeler & Douglas, J. Infect. Dis. 77:1-12, 1945.

FLEAS & DISEASE - TULAREMIA

- b Price & McMahon, U. S. Pub. Health Rpts. 61:79-85, 1946.

FLEAS & DISEASE - TYPHUS, MURINE

- bl Andrews & Link, Pests 15(1).12,14, 16,18,20, 1947.
- Beck & Van Allen, Amer. J. Hyg. 45: 345-352, 1947.
- b Bayne-Jones, R. I. Med. J. 30:423-425,428-429, 1947.
- Boston. Med. Assoc. Ga. J. 36:124-125,150-151, 1947.
- Dement, Cal. Med. 65:63, 1946.
- Elishewitz, Soap & Sanit. Chem. 23(5): 127-128, 1947.
- Irons et al., J. Bact. 51:609-610, 1946. (Abs.)
- Milford, Med. Assoc. Ala. J. 16:25-26, 1946.

- Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:338.

- bl Pollard et al., Amer. J. Hyg. 44: 244-248, 1946.

- b Rumreich & Koepke, U. S. Pub. Health Rpts. 60:1421-1428, 1945.
- Stage & Knippling, Reunion Interamer. del Tifo Pub. Ofic. 1:280-282,284, 1947.

- Upton, Pests 13(10):14, 1945.

- b Wiley, Amer. J. Pub. Health 36:974-983, 1946.

- i Wiley & Hammerstrom, Pests 15(1): 21-22,24,26, 1947.

FLEAS & DISEASE - TYPHUS, MURINE - TEXAS

- bl Davis, U. S. Pub. Health Rpts. 62: 449-463, 1947.
- Davis & Pollard, Amer. J. Trop. Med. 26:619-624, 1946.
- b Irons & Cox, Tex. St. J. Med. 42: 332-336, 1946.

FLEAS ON CATS

- Fairchild & Fairchild, Cats:116-122, 199,201, 1947.

FLEAS ON CATS--Continued.

- Gay, How to Live with a Cat:132-134, 1946.
- b Roark, USDA EPQ E-654:3-15, 1945
- b Sweetman, J. Ec. Ent. 39:417-418, 1946.

FLEAS ON DOGS

- Denlinger, Complete Dachshund.171, 1947.
- Eastman et al., N. Amer. Vet. 27:415-418, 1946.
- Lowry, Your Dog & Mine:63, 1947.
- b Roark, USDA EPQ E-654:3-15, 1945.
- b Sweetman, J. Ec. Ent. 39:417-418, 1946.

FLEAS ON FOXES

- Gardiner, Can. Min. Agr. R. f. 1945/46:121.
- Herrick, Amer. Fur Breed. 20(3):32, 1947.

FLEAS ON FUR ANIMALS

- Herrick, Natl. Fur News 19(10):18,52, 1947.

FLEAS ON LIVESTOCK

- Baker, Mangt. & Feeding of Sheep: 227, 1947.
- Lyle, Miss. Farm Res. 8(8):8, 1945.
- Telford & Guthrie, Agr. Chem. 1(3): 54, 1946.

FLEAS ON MINK

- Herrick, Amer. Fur Breed. 20(3).32, 1947.

FLEAS ON PIGEONS

- Levi, Making Pigeons Pay:226-227, 1946.

FLEAS ON POULTRY

- Gannon, Ga. Ext. B. 524 rev.:31-32, 1947.
- i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:166-167, 1947.
- Munro, Coop. Poultrym. 10(9):12, 1945.
- i Seiden, Poult. Handb.:159,344-345, 1947.
- Poult. Council St. Col. Wash., Wash. Ext. B. 370 (Poult. Pointers 34):10-11, 1947.

FLEAS ON RODENTS

- Dove, USDA EPQ E-673:11-12, 1945.
- Gouck, J. Ec. Ent. 39:410-411, 1946.
- Irons & Cox, Tex. St. J. Med. 42:335-336, 1946.
- Linsdale, Cal. Ground Squirrel:293-300, 1946.
- Milford, Med. Assoc. Ala. J. 16:25-26, 1946.

- Rumreich, U. S. Pub. Health Rpts. 60: 888,892,897, 1945.

FLEAS ON RODENTS - SURVEYS

- b Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202,71 p., 1947.

FLEBOTOMUS Rond.

- bni Dampf, Medicina Rev. Mex. 27: 179-183, 1947.
- bl Dampf, Mex. Esc. Nac. Cien. Biol. An. 4:423-449, 1947.
- i Dampf, Soc. Mex. Hist. Nat. Rev. 8: 205-214, 1947.

FLEBOTOMUS - COLLECTION & PRESERVATION

- bik Addis, Amer. Micros. Soc. Trans. 64:328-332, 1945.

- FLEBOTOMUS - DISTRIBUTION - U. S.**
b Packchanian, Tex. Rpts. Biol. & Med. 4:35-41, 1946.
- FLEBOTOMUS - SPRAYS - DDT**
Bishopp, Amer. J. Pub. Health 36:603, 1946.
U. S. War Dept. TB Med 194(PB-2436):17-18, 1945.
- FLEBOTOMUS & DISEASE**
Rotkow, Iowa St. Med. Soc. J. 36:101, 1946.
- FLEBOTOMUS & LEISHMANIASIS**
Packchanian, Tex. Acad. Sci. P. & Trans. 29:123, 1946. (Abs.)
b Packchanian, Tex. Rpts. Biol. & Med. 4:35,39-40, 1946.
i Rice, Farmaceutico 22(11):41,86, 1946.
- FLEBOTOMUS ANTHOPHORUS** Addis
ni Addis, J. Parasit. 31:119-125; 319-322, 1945.
- FLEBOTOMUS CHIAPANENSIS** Dampf
ni Dampf, Medicina Rev. Mex. 27:180-182, 1947.
- FLEBOTOMUS DIABOLICUS** Hall
i Addis, J. Parasit. 31:125-127, 1945.
- FLEBOTOMUS PAPATASII** Scop. & **LEISHMANIASIS, CUTANEOUS**
i Gill, Arch. Dermat. & Syph. 54:333, 1946.
- FLEBOTOMUS STEWARTI** Mangabeira & Galindo & **SANDFLY FEVER**
Herms, Cal. Med. 67:97, 1947.
- FLEBOTOMUS VEXATOR** Coq.
i Dampf, Soc. Mex. Hist. Nat. Rev. 8:208-212, 1947.
- FLEBOTOMUS VEXATOR & SANDFLY FEVER**
Herms, Cal. Med. 67:97, 1947.
- FLEBOTOMUS VINDICATOR** Dampf - **MALE**
i Dampf, Soc. Mex. Hist. Nat. Rev. 8:205-214, 1947.
- FLECK DISEASE OF LILIES, see APHIS GOSSYPHII & FLECK DISEASE OF LILIES**
- FLEECE WORM, see PHORMIA REGINA (Meig.)**
- FLEXAMIA** DeLong - **MEXICO**
ni DeLong & Hershberger, Bklyn. Ent. Soc. B. 42:136-139, 1947.
- FLIES**
i Cameron, Parasites of Man ed. 2:141-146, 1946.
Dean et al., Kans. Ent. Soc. J. 18:92, 1945.
i Mallis, Handb. of Pest Control:395-405,415-420, 1945.
Smith et al., Kans. Ent. Soc. J. 20:52-53,56,58, 1947.
- FLIES - BAKERIES**
Holmes, Bakers' Helper 86(1072):55, 1946.
i Ostrolenk & Kramer, Baker's Digest 21:62,64, 1947.
i Skovholt & Hanschka, Bakers' Wkly. 129(12):83-84, 1946.
i Skovholt & Hanschka, Cracker Baker 35(4):35-36, 1946.
- FLIES - BREEDING CONTROL**
b Simmons & Dove, J. Ec. Ent. 38:23-25, 1945.
- FLIES - BREEDING PLACES**
i Bishopp & Henderson, USDA Leaf. 182 rev.:2-4, 1946.
Sweetman, Mass. Ext. Sp. C. 139:2-3, 1947.
Thone, Chemistry 20(10):12-19, 1947.
Wilkinson, Hoard's Diarym. 92:478, 1947.
- FLIES - BREEDING PLACES - MANURE**
Dykstra, Anim. Sanit. & Dis. Control rev.:110, 1946.
Tanada et al., Hawaii R. f. 1944/46. 71-74, 1947.
- FLIES - CANNING PLANTS**
Evans, Canner 103(9):32,34, 1946.
- FLIES - COLLEGE CAMPUS**
Shaw & Bourne, J. Ec. Ent. 39:543-544, 1946.
- FLIES - COLOR REACTIONS - YELLOW**
i Harsham, Food Indus. 18:851,984, 1946.
- FLIES - CONTROL**
Dykstra, Anim. Sanit. & Dis. Control rev.:110, 1946.
i Lincoln, Ark. Ext. C. 362 rev.:3-6, 1945.
Lincoln, Ark. Ext. Leaf. 83:1-3; 84, 8 p., 1947.
Sweetman, Mass. Ext. Sp. C. 139,4 p., 1947.
i Symons, Water Works & Sewerage, 92:289-290, 1945.
i Okla. Ext. C. 451,4 p., 1947?
- FLIES - CONTROL - CARCASSES**
McDuffie et al., J. Ec. Ent. 39:743-749, 1946.
- FLIES - CONTROL - DELAWARE**
i Hawkins, Com. Fert. YB 75(6-A):46-47, 1947.
- FLIES - CONTROL - LATRINES**
i Johnson, U. S. Nav. Med. Bul. 44:1079-1081, 1945.
McDuffie et al., J. Ec. Ent. 39:743-749, 1946.
Sherman, U. S. Army Med. Dept. B. 84:12-13, 1945. (Abs.)
Travis & Bohart, J. Ec. Ent. 39:740-742, 1946.
U. S. War Dept. TB Med 194(PB-2436):12-13,16, 1945.
- FLIES - CONTROL - MILITARY ZONES**
Annand, USDA EPQ R. f. 1946/47:17.
Brescia & Wilson, J. Ec. Ent. 40:316-319, 1947.
Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):13, 1946.
Hering, U. S. Nav. Med. B. 44:432-434, 1945.
Logue & O'Connell, U. S. Nav. Med. B. 44:877-882, 1945.
U. S. Army Med. B. 4:402-403, 1945.
U. S. Army Med. Dept. B. 86:15, 1945.
U. S. Navy BUMED News Let. 7(7):16, 1946.
i U. S. War Dept. TM 5-632 (PB-2439):28-35, 1945.
- FLIES - CONTROL - NAVAL BASES see FLIES - CONTROL - MILITARY ZONES**
- FLIES - CONTROL - RURAL SCHOOLS**
Muma & Bare, Neb. Ext. CC 101,1 p., 1947.

FLIES - DAIRY BARN

- Annand, USDA EPQ R. f. 1946/47:17.
- Brannon, Wash. Ext. C. 100,4 p., 1946.
- i Field & McDowell, Dairy Enterprises:290-292,362, 1946.
- i Harney, Kraftsm. Prod. Ed. 4(5):10, 1946.
- Matthysse, Pest Control & Sanit. 1(9): 19, 1946.
- i Morrison, Can. Jersey Breed. 2(7): 15,29-31, 1947.
- Morrison, Quebec Soc. Protect. Plants R. 30:48-50, 1947.
- Reed, USDA BDI R. f. 1946/47:14.
- Schwardt, Holstein-Friesian World 43:1533, 1946.
- Schwardt, Milk Dealer 35(7):114,116, 1946.
- Searls, Milk Indus. Found. Assoc. B. 39:241-242, 1947.
- i White, Kraftsm. Prod. Ed. 4(4):11, 1946.
- W. Va. B. 330:37-38, 1947.

FLIES - DAIRY INDUSTRY

- Becker et al., Fla. R. 57:62, 1946?
- Brett & Fenton, J. Ec. Ent. 39 397-398, 1946.
- Decker, Natl. Butter & Cheese J. 38 (5):46,48, 1947.
- Gould, Milk Plant Month. 35(7):38,54, 1946.
- McDaniel, J. Milk Technol. 8:338-340, 1945.
- Matthysse, Certified Milk 21(237):3,6, 18, 1946.
- Pederson, Internatl. Assoc. Ice Cream Mfrs. R. P. 42 Prod. & Lab. Council 2:10, 1946.
- Schwardt, Milk Dealer 35(7):116, 1946.
- Sherman & Dunavan, S. C. R. 58:63, 1946.
- i Thompson, Can. Dairy & Ice Cream J. 25(5):27-28, 1946.
- i Ward, Checkerboard News 8(1):12-13, 1946.

FLIES - DISEASES - FUNGUS

- i Smith, Nature Mag. 40:355, 1947.

FLIES - DUSTS - DDT

- Dove, USDA EPQ E-673.7, 1945.

FLIES - DUSTS - DDT & PYROPHYL-LITE

- i Munro et al., N. Dak. Bimo. B. 7(5): 21-23, 1945.

FLIES - EFFECT OF SPIDER VENOM

- Miller, J. Ent. & Zool. 39:48,51-52, 66, 1947.

FLIES - ERADICATION

- Lyle, J. Ec. Ent. 40:5-6, 1947.

FLIES - EYES

- Worth, Turttox 24:101, 1946.

FLIES - FARM BUILDINGS

- Stage, USDA EPQ E-675,6 p., 1945.
- Tate & Muma, Neb. R. 59:61-63, 1946.

FLIES - FEET

- i Lonert, Turttox News 25:49, 1947.

FLIES - FLIGHT RANGE

- Calvert, Ent. News 58:237, 1947.

FLIES - FUR RANCHES

- Herrick, Natl. Fur News 19(10):52-53, 1947.

FLIES - INSECTICIDES

- Hanawalt, M. S. C. Vet. 5:163-167, 1945.

FLIES - INSECTICIDES--Continued.

- Sherman, U. S. Army Med. Dept. B. 84:12-13, 1945. (Abs.)
- Stilson, Amer. Waterworks Assoc. J. 38:629-630, 633, 1946.

- i Westgate & Bolton, Natl. Paint Varnish & Lacquer Assoc. Sci. Sect. C. 715:26-33, 1946.

- U. S. Navy BUMED News Let. 7(7):15, 1946.

FLIES - INSECTICIDES - DDT

- Baillie, Can. J. Pub. Health 37:214-215, 1946.

- Campbell & West, Sci. News Let. 47: 25, 1945.

- Dews & Morrill, J. Ec. Ent. 39:350-352, 1946.

- Muma, Neb. Ext. CC 100,3 p., 1947.

- Murrell, Can. J. Pub. Health 37:160-162, 1946.

- U. S. War Dept. TB Med 194(PB-2436): 12-13,16, 1945.

FLIES - NERVOUS SYSTEM - EFFECT OF DDT

- Tobias et al., Anat. Rec. 94:375-376, 1946. (Abs.)

FLIES - POPULATIONS - CONNECTICUT (NEW HAVEN)

- b Power & Melnick, Yale J. Biol. & Med. 18(1):55-69, 1945.

FLIES - POPULATIONS - SEWAGE PLANTS

- Tomlinson & Stride, Sewage Works J. 17:1301-1302, 1945.

FLIES - REPELLENTS

- Brett, J. Agr. Res. 73:94-95, 1946.
- Dove, Soap & Sanit. Chem. 21(1):121, 121B, 1945.

- Farrell, Kans. C. 231:10, 1945.

- MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.257, 1945.

- Dow Chem. Co., Down to Earth 1(2). 11, 1945.

FLIES - SCREENS

- Bischoff & Henderson, USDA Leaf. 182 rev.:8, 1946.

- b Block, Amer. J. Pub. Health 36: 1280-1286, 1946.

- Block, Science 104:447, 1946.

- Gould, Milk Plant Month. 35(7):54, 1946.

- Hirsch, Water & Sewage Works 93: 249, 1946.

FLIES - SPRAYS

- Annand, USDA EPQ R. f. 1943/44:25-26, 1945; f. 1944/45:18, 1946.

- Bennett, Chem. Formulary v. 7,8, 1945.

- Bennett, Chem. Specialties:274, 1946.

- Cox, Cal. Dept. Agr. Sp. Pub. 213:7-15, 1945.

- Field & McDowell, Dairy Enterprises 291-292, 1946.

- Fisher, Natl. Butter & Cheese J. 38 (8):91-92, 1947.

- Gentry, Vet. Med. 42:184-186, 1947.

- Hirsch, Water & Sewage Works 93: 249-250, 1946.

- Knipling, USDA YB f. 1943/47:637, 639-642.

- b Knipling, Pests 15(2):10,12, 1947.
- Matthysse, N. Y. (C.) B. 832:57, 1946.

FLIES - SPRAYS--Continued.

- Munro et al., N. Dak. Bimo. B. 9:123-128, 1947.
 i Parker & Beacher, Del. B. 264:8-14, 1947.
 Stiles, Okla. Ext. C. 223 rev.:18-19, 1946?
 Symons, Water Works & Sewerage, 92:290, 1945.
 Thompson, Can. Dairy & Ice Cream J. 25(5):28, 1946.
FLIES - SPRAYS - BENZENE HEXA-CHLORIDE
 Chamlin, Pests 15(5):18,20-21, 1947.
 Cory & Langford, J. Ec. Ent. 40:426, 1947.
FLIES - SPRAYS - CHLORDANE
 i Bruce & Decker, J. Ec. Ent. 40:532-536, 1947.
FLIES - SPRAYS - DDT
 Anderson, Ida. Ext. B. 159:11, 1947. (Repr.)
 Annand, USDA EPQ R. f. 1945/46:8-9, 1947.
 bi Baker et al., U. S. Pub. Health Rpts. 62:597-612, 1947.
 Bayer, N. C. R. 68:70-71, 1945.
 Becker et al., Fla. R. f. 1945/46:57-58
 Best & Hillyer, Sat. Even. Post 220 (12):12, 1947.
 Bishopp, Amer. J. Pub. Health 36:602-603, 1946; Pests 14(8):22,24, 1946.
 i Bishopp & Henderson, USDA Leaf. 182 rev.:4-8, 1946.
 Brannon, Wash. Ext. C. 100,4 p., 1946.
 i Brett & Fenton, Milk Dealer 35(8):44, 60,62, 1946.
 i Brett & Fenton, Natl. Butter & Cheese J. 37(6):58,60,62, 1946.
 i Bruce & Decker, J. Ec. Ent. 40:530-536, 1947.
 Burgess, Ariz. R. 56:35,47, 1946.
 i Bushnell, West. Dairy J. 1(12):13,51-53, 1945.
 Clark, Better Goatkeeping 1:61, 1945.
 Clark & Hoveland, Wis. B. 466:57, 1945.
 Clarke, N. J. Mosq. Exterm. Assoc. P. 34:127-131, 1947.
 Clyburn, S. C. R. 59:95, 1947.
 Cooke, Conn. B. 512:111, 1946.
 Cooper, Ky. R. 59:54, 1947.
 Cory & Langford, J. Ec. Ent. 40:425-426, 1947.
 Cowsert et al., Miss. Farm Res. 8(12):1-2, 1945.
 i Cuff, Agr. Chem. 1(6):23-26, 1946.
 i Cuff, Soap & Sanit. Chem. 22(8):135-137,181, 1946.
 i Cuff, Down to Earth 3(2):2-4, 1947.
 i Curran, Nat. Hist. 54:404-405, 1945.
 i Curran, Pop. Sci. Monthly 148(2):71-72, 1946.
 Daggy, Minn. Farm & Home Sci. 3(3):7,10, 1946.
 i Daggy et al., Minn. Ext. B. 252:7-8, 1946.
 i Davis, Pest Control & Sanit. 2(10):9, 1947.
 Dimock & Westerfield, Blood-Horse 45:917,941, 1946.
 Dove, USDA EPQ E-673:6-7, 1945.

FLIES - SPRAYS - DDT--Continued.

- Dutsch & Smith, La. R. f. 1944/45:65, 1946.
 i Eastland, Better Homes & Gard. 24 (11):110-111, 1946.
 Eberlin, Sci. News Let. 52:76, 1947.
 Evans, Canner 103(9):32, 1946.
 i Farrar, Better Farm Methods 18(4):16,21, 1946.
 Fenton, Okla. Mimeo. C. 148,2 p.; 152,3 p., 1945.
 Fenton, Amer. Hereford J. 36(23):12-13, 1946.
 Fenton & Brett, Okla. Mimeo. C. 156, 7 p., 1946.
 Fisher, Bakers' Helper 86(1071):52, 1946.
 Fisher, Control of Some Ins. Affecting Farm Dairying, 3 p., 1946. (Wis. Ext. Sp. C.)
 Fisher, Creamery J. 57(5):35, 1946.
 Fluke & Dobson, Wis. B. 469:66-68, 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46:17,81.
 Gentry, Iowa Vet. 18(3):13-15, 1947.
 Gerlach, Milk Dealer 36(10):156-160, 1947.
 Glasgow & Collins, J. Ec. Ent. 39:232, 1946.
 Glover, Creamery Coop., July 1946:22-23.
 Gould, Milk Plant Month. 35(7):54, 1946.
 Green, Control de Plagas 8:103, 1946.
 Griffiths, J. Ec. Ent. 39:750-755, 1946.
 Gunderson, Iowa St. Hort. Soc. Trans. 80:12-13, 1945.
 i Gunderson, Farm. Sci. Rptr. 7(1):7-9, 1946.
 Hanson, Pests 14(8):12, 1946.
 i Harney, Kraftsm. Prod. Ed. 4(5):10, 1946.
 i Haseman et al., Mo. C. 309:3-5, 1946.
 Hayslip, Fla. R. f. 1944/45:197-198.
 Henderson, Ice Cream Field 49(1):26, 30,45, 1947.
 Henderson, Ice Cream Rev. 30(10):76, 78,80, 1947.
 Henderson, Milk Plant Month. 36(3):55-56, 1947.
 Herrick, Natl. Fur News 19(10):52-53, 1947.
 Hinman & Cutkomp, Amer. J. Trop. Med. 27:458-459, 1947.
 Horsfall & Lincoln, Ark. Ext. Leaf. 74,6 p., 1946.
 Hoskins, Cal. Mosq. Control Assoc. P. 14:35-38, 1946.
 Howell et al., Rocky Mountain Conf. Ent. R. 18:3-5, 1947.
 Hyatt, Hoard's Dairym. 92:110, 1947.
 Jardine et al., USDA OES R. f. 1943/44:52, 1945.
 Jarnagin, Ga. Univ. B. 46(12):70, 1946.
 Kelly, Kans. Ext. Livestock Ins. Control in Kans.:10-19,22, 1946?
 Kingscote, Ont. Dept. Agr. Ont. Vet. Col. R. f. 1946/47:36-37.
 Knapp & Aanestad, N. Dak. Bimo. B. 9:119, 1947.

FLIES - SPRAYS - DDT--Continued.

- Knippling, J. Ec. Ent. 39:363-364, 1946.
 Knippling, USDA Agr. Res. Adm. R.A.S. 83(E), 1 p., 1947.
 i Kyd, Okla. Ext. C. 454:7-8, 1947.
 Lathrop, Maine B. 438:640, 1945.
 Lathrop, Maine Ext. C. 220, 5 p., 1946.
 Lawrence, Natl. Shade Tree Conf. P. 23:153-155, 1947.
 Lehker, Pure Milk 20(5):14-15, 1946.
 Lehker, Falls Cities Coop. Dairym. 16(8):3, 1947.
 Lindquist et al., Soap & Sanit. Chem. 21(7):109, 111, 113, 119, 1945.
 Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):68, 1947.
 McDaniel, J. Milk Technol. 8:338-340, 1945.
 i McGovran & Fales, Soap & Sanit. Chem. 22(9):127-129, 1946.
 McGowan & Gray, Cal. Mosq. Control Assoc. P. 15:137-141, 1947.
 McNeil et al., Turkey World 20(11):24-26, 1945.
 McWethy, Feedstuffs 19(39):19, 1947.
 Marcovitch & Stanley, Tenn. R. 58:117, 1946.
 i Mathysse, Amer. Milk Rev. 7:490-492, 1945.
 Mathysse, Certified Milk 21(237):3, 6, 18, 1946.
 Mathysse, Pest Control & Sanit. 1(9):19, 1946.
 Menusan, Amer. Butter Rev. 8(9):44-45, 1946.
 Menusan, Dairym. Price Rptr. 28(4):11, (8):3, 1946.
 Michelbacher & Smith, Cal. Dairym. 25(17 i.e. 16):12-14, 1945.
 Michelbacher & Smith, West. Livestock J. 23(62):9, 1945.
 Michelbacher & Smith, Cal. C. 365:94-97, 1946.
 Michelbacher et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 8-9, 1945.
 Michelbacher et al., Nulaid News 23(6):11, 22-23, 1945.
 Mitchell, Creamery Coop., Mar. 1946: 19-20, 1946.
 Morrison, Can. Dairy & Ice Cream J. 26(11):66, 1947.
 i Morrison, Can. Jersey Breed 2(7):15, 29-31, 1947.
 Morrison et al., Oreg. C. Inform. 382, 5 p., 1946.
 Mote, Oreg. C. Inform. 389:3-4, 1946.
 i Muma, Neb. Ext. C. 1542, 4 p., 1946.
 Muma, Milkman, June 1947:1-2.
 Muma & Bare, Neb. Ext. CC 101, 1 p., 1947.
 Muma & Derrick, Neb. Ext. CC 93:1, 1947.
 i Munro et al., N. Dak. Bimo. B. 7(5):21-23, 1945.
 Murrell, Can. J. Pub. Health 37:160-162, 1946.
 Nettles, S. C. Ext. C. 284:7-8, 1946.
 Palm, N. Y. (G.) Farm Res. 12(2):5, 1946.

FLIES - SPRAYS - DDT--Continued.

- Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:95.
 Patton, N. Y. (G.) Farm Res. 12(1):2, 1946.
 Pederson, Internatl. Assoc. Ice Cream Mfrs. R. P. 42 Prod. & Lab. Council 2:10, 1946.
 Pepper, Pa. B. 475 sup. 1:2, 1946.
 Peterson, Southeast. Cattlem. & Dairy J. 5(4):9, 28, 1945.
 Pigg, Ky. Dept. Agr. Ky. Mktg. B. 3(2):4, 1946.
 Price, Ky. Ext. C. 438:2-3, 1947.
 Pullen, Blood-Horse 45:532, 1946.
 Randolph, Tex. Acad. Sci. P. & Trans. 29:51, 1946.
 Reeks, Ont. Agr. Col. & Expt. Farm R. 71:27, 74, 1946.
 i Sandholzer & Lemon, Food Indus. 18:860-863, 998, 1000, 1002, 1946.
 Sandholzer & Lindquist, U. S. Dept. Int. Fish & Wildlife Serv. Fishery Leaf. 146, 7 p., 1945; Pests 14(1):22, 24, 26, 1946.
 Schwardt, Holstein-Friesian World 43:1533, 1946.
 Schwardt, Milk Dealer 35(7):114, 116, 1946.
 Schwardt, Natl. Butter & Cheese J. 37(4):45, 70, Ice Cream Rev. 29(9):110-111, 1946.
 Schwardt, N. Y. (G.) Farm Res. 12(3):1-2, 1946.
 Schwardt, N. Y. (C.) R. 59:119-120, 1947.
 Schwardt, N. Y. St. Assoc. Milk Sanit. R. 20:161-162, 164-166, 1947.
 Schwardt et al., N. Y. (C.) R. 58:119, 1946.
 Searles, Kraftsm. Prod. Ed. 3(6):16-17, 1945.
 Searles, Milk Indus. Found. Assoc. B. 39:241-242, 1947.
 Severin, S. Dak. R. 58:33-34, 1945.
 Sherman & Dunavan, S. C. R. 58:63, 1946.
 Shull, Ida. Agr. Col. News Let. 31(1):6, 1946.
 Shull & Tuthill, Ida. Ext. C. 90, 4 p., 1946.
 Skovholt & Hanschka, Bakers' Wkly. 129(12):84, 1946.
 Skovholt & Hanschka, Cracker Baker 35(4):36, 1946.
 Smith, Kans. St. Hort. Soc. Bien. R. 48:65, 1946.
 Smith, South. Dairy Prod. J. 41(1):81, 1947.
 Snyder, Sci. News Let. 52:76, 1947.
 Stage, J. Ec. Ent. 40:760-761, 1947.
 Stewart, Cal. Mosq. Control Assoc. P. 14:87, 1946.
 i Sullivan, Agr. Leaders' Digest 27(10):32, 39, 1946.
 b Sweetman, J. Ec. Ent. 39:380-381, 1946; 40:565-566, 1947.
 Taggart, Cornell Vet. 36:160-162, 1946.
 i Taggart & Osmun, Pub. Works 77(1):29, 1947.

- FLIES - SPRAYS - DDT--Continued.
 Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19 24-26, 1946.
 Telford & Guthrie, Agr. Chem. 1(3): 29, 1946.
 i Thone, Chemistry 20(10):1-20, 1947.
 i Thone, Crown 36(6):15,22-24, 1947.
 Tissot, Fla. PB 630,4 p., 1947.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:4-7, 1947.
 Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38:7-8, 1946.
 Vollrath, Hawaii Ext. B. 31 rev. 37-38, 1947.
 Vollrath, Hawaii Ext. C. 220,6 p., 1947.
 i Ward, Checkerboard News 8(1):12-13, 1946.
 Ward, B. C. Dept. Agr. R. 41:W108, 1947.
 Weaver et al., S. Dak. Ext. Leaf. 102 5-6, 1946. (Repr.)
 Webster, Better Homes & Gard. 24(9) 148-149, 1946.
 West, Sewage Works J. 19:79-81, 1947.
 i White, Kraftsm. Prod. Ed. 4(4):11, 1946.
 White & Graffeo, U. S. Navy Hosp. Corps Quart. 18(12):37-39, 1945.
 i Whitehead & Morrison, MacDonald Col. J. 7(9):8-9, 1947.
 Wilkinson, Hoard's Dairym. 92:478, 1947.
 Woodruff & Turner, Conn. B. 512:60-63,65, 1946.
 i Okla. Ext. C. 451:3-4, 1947?
 USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests 7, 1947.
 USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:44-47, 1946.
 U. S. Navy BUMED News Let. 7(7):16, 1946.
 U. S. Pub. Health Serv., Off. Sanit. Pan Amer. B. 26 774, 1947.
 U. S. War Dept. TB Med 194(PB-2436): 16, 1945.
 W. Va. B. 330:37-38, 1947.
 FLIES - SPRAYS - DDT - RELATED COMPOUNDS
 b Prill et al., Boyce Thompson Inst. Contrib. 14:345-353, 1946.
 FLIES - SPRAYS - DDT & KEROSENE
 Brother & Angley, Air Surg. B. 2:54-55, 1945.
 FLIES - SPRAYS - DDT & OIL
 Thone, Sci. News Let. 51:395, 1947.
 U. S. Army Med. Dept. Bul. 6:352, 1946.
 FLIES - SPRAYS - DDT & PYRETHRUM & PIPERONYL BUTOXIDE
 b McAllister et al., J. Ec. Ent. 40:907-909, 1947.
 FLIES - SPRAYS - DDT & XYLENE
 Soap & Sanit. Chem. 23(5):167,169, 1947.
 FLIES - SPRAYS - DDT(GESAROL, GESAPON)
 Bourne & Whitcomb, Mass. B. 428:35, 1945.
 FLIES - SPRAYS - DDT(NEOCID)
 i Matthysse, Cal. Dairym. 26(4):12,17, 1946.
 FLIES - SPRAYS - DDT (WETTABLE)
 Kelly, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:51-53, 1946.
 Reed, USDA BDI R. f. 1946/47:14.
 FLIES - SPRAYS - DDT MIXTURES
 Baillie, Can. J. Pub. Health 37:214-215, 1946.
 Dove, USDA EPQ E-673:6-7, 1945.
 Madden, Soap & Sanit. Chem. 23(3): 141,143, 1947.
 Morrison, Quebec Soc. Protect. Plants R. 30:48-50, 1947.
 FLIES - SPRAYS - DICHLORODI-PHENYLDICHLOROETHANE
 i Bruce & Decker, J. Ec. Ent. 40:530-536, 1947.
 b Sweetman, J. Ec. Ent. 40:565-566, 1947.
 FLIES - SPRAYS - HISTOLOGICAL EFFECTS
 bi Hartzell, Boyce Thompson Inst. Contrib. 13:443-454, 1945.
 FLIES - SPRAYS - METHYLENEDIOXY-PHENYL GROUP
 Synerholm & Hartzell, Boyce Thompson Inst. Contrib. 14:79-89, 1945.
 FLIES - SPRAYS - N-ISOBUTYLUNDE-CYLENAMIDE
 Lindquist et al., J. Ec. Ent. 40:426-427, 1947.
 FLIES - SPRAYS - PIPERONYL CY-CLONENE
 Lindquist et al., J. Ec. Ent. 40:426-427, 1947.
 FLIES - SPRAYS - PYRETHRUM
 b Lindquist et al., J. Ec. Ent. 40:426-427, 1947.
 FLIES - SPRAYS - PYRETHRUM - SYN-ERGISTS & ACTIVATORS
 Lindquist et al., J. Ec. Ent. 40:426-427, 1947.
 FLIES - SPRAYS - PYRETHRUM & METHYLENEDIOXYPHENYL GROUP
 b Prill & Synerholm, Boyce Thompson Inst. Contrib. 14:221-227, 1946.
 b Prill et al., Boyce Thompson Inst. Contrib. 14:397-403, 1947.
 FLIES - SPRAYS - SESAME OIL
 Lindquist et al., J. Ec. Ent. 40:426-427, 1947.
 FLIES - SPRAYS - SESAMIN - HISTOLOGICAL EFFECTS
 i Hartzell & Wexler, Boyce Thompson Inst. Contrib. 14:123-126, 1946.
 FLIES - SPRAYS - SODIUM ARSENITE
 Hering, U. S. Nav. Med. B. 44:432-434, 1945.
 FLIES - SPRAYS - TESTS
 bi Hoskins & Caldwell, Soap & Sanit. Chem. 23(4):143-145,161,163,165, 167, 1947.
 i Pierpont, Del. B. 253:6-8, 1945.
 Prill et al., Boyce Thompson Inst. Contrib. 14:129, 1946.
 Synerholm & Hartzell, Boyce Thompson Inst. Contrib. 14:87-88, 1945.
 Soap & Sanit. Chem. Blue Book ed. 18: 211-214, 1946.

- FLIES - SPRAYS - THANITE**
 i Pierpont, Del. B. 253:58 p., 1945.
- FLIES - SPRAYS - THIO ETHERS**
 b Prill et al., Boyce Thompson Inst. Contrib. 14:127-150, 1946.
- FLIES - SPRAYS - TOXICITY**
 bi Gunther, J. Ec. Ent. 40:878-882, 1947.
 Pierpont, Del. B. 253:6-19,34,36-38, 43-58, 1945.
- FLIES - SPRAYS - TOXICITY TO BED-BUGS**
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 33:5-6, 1945.
- FLIES - SWATTERS, PLASTIC**
 Chemurgic Digest 5:166, 1946.
- FLIES - TRAPS, see TRAPS FOR INSECTS - FLY TRAPS**
- FLIES & ANIMAL DISEASE**
 Herrick, Amer. Fur Breed. 20(3):34, 1947.
 i Hutyra et al., Sp. Path. & Ther. of the Dis. of Dom. Anim. Eng. ed. 5, v. 1:883-893; v. 3:704-715, 1946.
- FLIES & CASTOR BEAN PLANTS**
 b McIndoo, USDA EPQ E-666.6, 1945.
- FLIES & DISEASE**
 Bishopp, Amer. J. Pub. Health 35:377-378, 1945.
 b Getting, New Eng. J. Med. 232:317-320, 1945.
 Gunderson, West. Dairy J. 2(24):77-78, 1946.
 Hedenburg, Milk Dealer 34(12):116, 1945; Certified Milk 20(233) 7,15-16, 1945.
 Hull, Dis. Transmitted from Anim. to Man ed. 3:70,74,291,356, 1947.
 i Manson Bahr, Manson's Trop. Dis. ed. 12:978-990, 1945.
 i Ostrolenk & Kramer, Baker's Digest 21:62-64, 1947.
 Simmons, Adv. Int. Med. 2:255-257, 1947.
 Smillie, Pub. Health Adm. in U. S. ed. 3:73,80-81,133,254, 1947.
 Sullivan, Pests 14(4):10, 1946.
- FLIES & DISEASE - DYSENTERY**
 Faust, Miss. Doctor 22:308-309, 1945.
- FLIES & DISEASE - HAWAII**
 Van Zwaluwenburg, Plantation Health 10(1):28-29, 1946.
- FLIES & DISEASE - HEPATITIS, INFECTIOUS**
 Neefe & Stokes, Amer. Med. Assoc. J. 128:1063-1075, 1945.
- FLIES & DISEASE - MYIASIS, see MYIASIS**
- FLIES & DISEASE - POLIOMYELITIS**
 Anderson, J. Lancet 66:315, 1946.
 Anderson, Iowa St. Med. Soc. J. 37:353, 1947.
 b Blattner, J. Ped. 31:593-594, 1947.
 Boyd, Prev. Med. ed. 7:90-91, 1945.
 Casey et al., Amer. Med. Assoc. J. 129:1141-1145, 1945.
 Clarke, N. J. Mosq. Exterm. Assoc. P. 34:128-131, 1947.
 b Hardy, Arch. Ped. 64:299,301-303, 1947.
 Manwaring, Cal. & West. Med. 63(2):59, 1945.
- FLIES & DISEASE - POLIOMYELITIS--Continued.**
 i Melnick & Penner, Soc. Expt. Biol. & Med. P. 65:342-346, 1947.
 b Melnick et al., U. S. Pub. Health Rpts. 62:910-922, 1947.
 b Power & Melnick, Yale J. Biol. & Med. 18(1):55-69, 1945.
 Robinson & Sweadner, Pa. Med. J. 1234,1236-1237, 1945.
 b Sabin, Amer. Med. Assoc. J. 134:752-753,756, 1947.
 Ward et al., Science 101:491-493, 1945.
 U. S. Navy BUMED News Let. 8(6):11-13, 1946.
- FLIES ON CATTLE**
 i Davis, Ind. Ext. B. 105 rev.:2-4, 1945.
 Green, Control de Plagas 8:103, 1946.
 i Kelly, Kans. Ext. Livestock Ins. Control in Kans. 10-19,22, 1946?
 McAlister et al., J. Ec. Ent. 40:907-908, 1947.
 Menusan, Dairym. Price Rptr. 28(8):3, 1946.
 i Ornduff, Amer. Hereford J. 36(7):16-17,68-70, 1945.
 Stage, USDA EPQ E-675.6 p., 1945.
 Tate & Muma, Neb. R. 59:61-62, 1946.
- FLIES ON CATTLE - EFFECT ON MILK FLOW**
 i Bruce & Decker, J. Ec. Ent. 40:530-536, 1947.
- FLIES ON DOGS**
 Denlinger, Complete Dachshund 170-171, 1947.
- FLIES ON HORSES**
 McNeely, Terre de Chez Nous 19(42):12, 1947.
- FLIES ON LIVESTOCK**
 Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):67-69, 1947.
 Munro et al., N. Dak. Bimo. B. 9:123-128, 1947.
 Swanson, U. S. Livestock Sanit. Assoc. P. 50:94-95, 1947.
 b Telford & Guthrie, Agr. Chem. 1(3):29, 1946.
- FLIES ON MINK**
 Herrick, Amer. Fur Breed. 20(3):34, 1947.
- FLIES ON POULTRY**
 Horton, Cackle & Crow 27(3):10, 1945.
 i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:164-166, 1947.
 Linsdale, Cal. Ground Squirrel:300-301, 1946.
 Seiden, Poult. Handb.:159,200-201,209, 1947.
- FLIES ON RABBITS**
 Norris, Internat. Com. Rabbit J. 3(2):43-44, 1945; Small Stock Mag. 29(8):7, 1945.
- *FLOODWATER MOSQUITO, see AEDES STICTICUS (Meig.)**
- FLORIDA FLOWER THRIPS, see FRANKLINIELLA CEPHALICA BISPINOSA (Morg.)**
- FLORIDA GLADES MOSQUITO, see PSOROPHORA CONFINNIS (Arrblz)**

*FLORIDA RED SCALE, see CHRY-SOMPHALUS AONIDUM (L.)
 *FLORIDA WAX SCALE, see CEROPLASTES FLORIDENSIS Comst.
 FLOUR INSECTS, see STORED PRODUCTS INSECTS; MILL INSECTS
 FLOWER GARDEN INSECTS
 Blauvelt, Flor. Exch. 105(17):16, 1945.
 Blauvelt, N. Y. (C.) Ext. Facts for Flor., Sept. 1945:1.
 Daggy, Minn. Hort. 74:68, 1946.
 i Lehker, Ind. Ext. B. 239 rev., 16 p., 1947.
 i Wildon et al., Mich. Ext. B. 271, 52 p., 1945.
 i Sunset Flower Gard. Book rev.:55-59, 1947.
 *FLOWER THIRPS, see FRANKLINIELLA TRITICI (Fitch)
 *FLUFF LOUSE, see GONIOCOTES HOLOGASTER Nitz.
 FLY SPRAYS, see FLIES - SPRAYS
 FLY TRAPS, see TRAPS FOR INSECTS - FLY TRAPS
 FLYPAPER, see TRAPS FOR INSECTS - FLYPAPER
 FLYPROOFING - BUILDINGS
 i Chamlin, Pests 15(5):18, 20-21, 1947.
 *FOLLICLE MITE, see DEMODEX FOLLICULORUM (Simon)
 FONTARIA VIRGINIENSIS (Drury) (YELLOW-MARGINED MILLIPED)
 i Rice, Amer. Mid. Nat. 35:166, 1946.
 FOOD INSECTS
 Dunbar, U. S. Food & Drug Adm. R. f. 1944/45:21-22, 24, 27-33, 60; f. 1945/46:12-14, 19-21, 23-25, 56, 61.
 i Fisher, Food Packer 27(2):49-50, 56, 1946.
 i Gray, Can. Food Packer 17(10):29, 31, 33; (11):25, 27, 29; (12):25, 27, 29, 31-32, 1946.
 Gray, Pests 15(8):14, 1947.
 Harvey, Pests 14(10):26, 28, 1946.
 Henderson, USDA Prod. & Mktg. Adm. Mktg. Activities 10(12):16-17, 1947.
 i Holmes, Bakers' Helper 86(1070):48-49, 56; (1072):54-55, 78, 80; (1074):42-43, 80, 82-83, 1946.
 Holmes, Cracker Baker 36(1):35-37; (11):57-58, 1947.
 Macnab, Pests 15(7):24, 1947.
 i Ostrolenk & Kramer, Baker's Digest 21:62-64, 1947.
 Wagner, Macaroni J. 29(3):46-47, 1947.
 Ward et al., Science 101:491-493, 1945
 FOOD INSECTS, see also BAKERY INSECTS; CANDY INSECTS; DAIRY INSECTS; STORED PRODUCTS INSECTS
 FOOD INSECTS - DETERMINATION
 i Harris, Amer. Mill. 74(4):41-42, 1946.
 Helsel, Assoc. Off. Agr. Chem. J. 28:230-231, 1945.
 Johnson, Assoc. Oper. Mill. B. Dec. 1945:1481-1482, 1945.
 Sullivan, Pests 14(4):8, 10, 12, 1946.
 i Welch, Assoc. Food & Drug. Officials U. S. Quart. B. 9(1):8-21, 1945.

FOOD INSECTS - DETERMINATION - BIBLIOGRAPHY
 Harris, Assoc. Off. Agr. Chem. J. 29:420-439, 1946.
 FOOD INSECTS - DETERMINATION OF FECES
 bi Cook & Steers, Assoc. Off. Agr. Chem. J. 30:168-181, 1947.
 FOOD INSECTS - FRAGMENT PROBLEM
 Holmes, Cracker Baker 36(10):36, 1947.
 Robertson, N. Y. Dept. Agr. & Mkts. R. f. 1945:73, 1947.
 FOOD INSECTS - FROZEN FOOD
 Marcovitch & Stanley, Tenn. R. 58:116-117, 1946.
 FOOD INSECTS - FUMIGANTS
 i Borg, Food Mater. & Equip. 5(12):14, 1945.
 Stadholtz & Jarman, Jr., Food. Mater. & Equip. 6(1):16; (2):14, 1946.
 bi Von Oettingen, U. S. Natl. Inst. Health B. 185:34-41, 1946.
 FOOD INSECTS - INSECTICIDES - DDT
 Hadfield, Food Mater. & Equip. 5(12):15, 18, 1945.
 Johnson, Food Mater. & Equip. 5(10):5; Macaroni J. 27(7):8, 22, 1945.
 Pass, Food in Canada 5(11):11-12, 14, 1945.
 i Sandholzer & Lemon, Food Indus. 18:860-863, 998, 1000, 1002, 1946.
 Schwardt, N. J. Dept. Health Pub. Health News 28:114-117, 1946.
 Woodman, Amer. Restaurant Mag. 29(12):92-93, 1945.
 FOOD INSECTS - LEGISLATION
 Hoffman, Assoc. Oper. Mill. B., Mar. 1946:1498-1500, 1946.
 FOOD INSECTS - LOSSES CAUSED BY
 i Thone, Sci. News Let. 52:318, 1947.
 FOOD INSECTS - PHOTOMICROGRAPHS
 i Welch, Assoc. Food & Drug Officials U. S. Quart. B. 9(1):8-21, 1945.
 FOOD INSECTS - PLANT SANITATION
 i Parker, Food Indus. 18:332-336, 1946.
 Skovholt & Hanschka, Cracker Baker 36(1):36, 1947.
 Stanfill, Pests 15(12):20, 1947.
 Cal. Univ. School Pub. Health, Prelim. Draft of Sanit. Man. for Food Indus.:12-20, 1946.
 Res. Lab., Natl. Cannery Assoc. Sanit. 1946.
 FOOD INSECTS - SPRAYS
 Pohlman, Natl. Provisioner 116(8):31, 1947.
 FOOD INSECTS - SPRAYS - DDT
 Daggy et al., Minn. Ext. B. 252:10, 1946.
 i Feiner, Food Indus. 17:1446-1449, 1945.
 USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 13-14, 1947.
 FOOD INSECTS & DISEASE - POLIO-MYELITIS
 Manwaring, Cal. & West. Med. 63(2):59, 1945.

FOOD INSECTS & THIAMINE CONTENT OF BISCUITS

b Smallman, J. Ec. Ent. 38:106-110, 1945.

FORAGE CROP INSECTS

Annand, USDA EPQ R. f. 1944/45:12-13,31-32; f. 1945/46:5-6; f. 1946/47:8-9.

Baker, USDA YB f. 1943/47:651-654.

Bird et al., Can. Ins. Pest Rev. 25:15-24, 1947.

Creighton, Cit. Indus. 27(1):5-6, 1946.

Knowlton, Ins. Pests & Ins. Control: 1-2, 1947.

i Lincoln & Miner, Ark. Ext. C. 437, 19 p., 1945.

Packard, USDA EPQ E-640,9 p., 1945.

FORAGE CROP INSECTS - OUTLOOK

Hall, Cargill Crop Bul. 21(11):11,1946.

FORAGE CROP INSECTS - RESISTANT CROPS

Annand, USDA EPQ R. f. 1943/44:9.

FORCIPOMYIA INGRAMI Cart.

Wirth, Hawaiian Ent. Soc. P. 12:492, 1946.

FOREIGN GRAIN BEETLE, see AHAS- VERUS ADVENA (Waldt)

FOREST FLOOR INSECTS

b Cole, Ecol. Monog. 16:49-86, 1946.

hi Pearce, Ecol. Monog. 16:127-150, 1946.

Sailer, Ent. Soc. Wash. P. 48:108, 1946. (Abs.)

Watson, Fla. Ent. 28:33-35, 1945.

FOREST INSECTS

Biggar, For. Situation in Cal. 32-36, 1945.

Connaughton, USDA FS South. For.

Expt. Sta. R. 25:14-15,39, 1945, 26:16,44-46,60-61, 1946; 27:25-26,51-52,62-66, 1947.

Evans, Tex. For. Serv. B. 38:44, 1947.

i Flory et al., S. C. Ext. B. 107:26-28, 1947. (Repr.)

Foss, N. Y. St. Conserv. Dept. R. 36:73-79, 1946.

Graham et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:55-56, 1946.

i Sand & Bryan, USDA FB 1989:27-30, 1947.

Smith et al., in Hutchison, Cal. Agr.: 313-314, 1946.

Watts, USDA FS R. f. 1945.11-12, 1946; f. 1946:12,19,32-33, 1947; f. 1947:20-21,27.

i Cal. Dept. Nat. Resources Div. For., For. Ins. Conditions in Cal. during 1946, 32 p., 1947.

Joint Com. For. Natl. Res. Council & Soc. Amer. For., Prob. & Prog. of For. in U. S.:41-42,104-105, 1947.

FOREST INSECTS - BRITISH COLUM- BIA

i Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:62-70, 1945; f. 1945:61-67, 1946; f. 1946:77-86, 1947.

Mathers, Can. Ins. Pest Rev. 23:107-109, 1945; 24:120-122, 1946.

Prebble, Can. Ins. Pest Rev. 23:110-112, 1945.

FOREST INSECTS - BRITISH COLUM- BIA--Continued.

i Prebble & Graham, B. C. Lumberm. 29(2):25-27,42,44,46,48; (3):37-39, 88,90,92, 1945.

FOREST INSECTS - CANADA

Gardiner, Can. Min. Agr. R. f.

1944/45:61-63; f. 1945/46:16,71-76; f. 1946/47:87-94.

Gardiner et al., Can. Dept. Agr. Div.

Ent. For. Ins. Invest. Bimo. Prog. R. 1(1-6), 1945; 2(1-6), 1946; 3

(1-6), 1947.

Gardiner et al., Can. Dept. Agr. Div.

Ent. For. Ins. Surv. R. f. 1944,70 p., 1945; f. 1945,67 p., 1946, f. 1946,

86 p., 1947.

DeGryse, For. Ent. in Can.,7 p., 1947.

Manson et al., Can. Ins. Pest Rev. 25:43-80, 1947.

i Nash, Timber of Can. 6(11):61-65, 78, 1946.

i Prince et al., N. B. Dept. Lands &

Mines R. 108.11,79,108-110, 1945; 109:11-12,108,123-125, 1946; 110:

8-9,63-66,126, 1947.

FOREST INSECTS - CANADA (CEN- TRAL)

Lejeune, Can. Ins. Pest Rev. 24:74-79, 1946.

Richmond, Can. Ins. Pest Rev. 23:69-74, 1945.

i Richmond & McGuffin, Can. Dept.

Agr. Div. Ent. For. Ins. Surv. R. f. 1944:40-51, 1945.

FOREST INSECTS - CONTROL

Annand, New Internatl. YB 1944:297, 1945.

Annand, USDA EPQ R. f. 1943/44:6-9; f. 1945/46:20-22.

Graham et al., Amer. Assoc. Ec. Ent N. Cent. Sts. Branch P. 2:86-88, 1947.

i Harrington, For. & Outdoors, June

1946:177-178.

Wyckoff et al., USDA FS Reappraisal R. 5:39 p., 1947.

Wygant et al., Rocky Mountain Conf. Ent. R. 18:5-7, 1947.

Yuill, Ent. Soc. Wash. P. 49:96, 1947. (Abs.)

FOREST INSECTS - CONTROL - COSTS

Graham, B. C. Lumberm. 29(4):124, 1945.

FOREST INSECTS - CONTROL - LEGIS- LATION

Wyckoff et al., USDA FS Reappraisal R. 5:15-21, 1947.

FOREST INSECTS - CONTROL - LOG TREATMENT

Davault, Quebec Min. Lands & For.

R. f. 1945/46:123, 1947.

FOREST INSECTS - CONTROL - SANI- TATION CUTTING

Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 60:2-5,7, 1946.

McLintock, J. For. 45:655-658, 1947.

McClintock & Westveld, USDA FS

Northeast. For. Expt. Sta. For.

Mangt. Paper 1,8 p., 1946.

Watts, USDA FS R. f. 1946:32, 1947.

FOREST INSECTS - DETECTION

Peirson, J. For. 45:446-447, 1947.

FOREST INSECTS - ECOLOGY

bi Dirks-Edmunds, Ecol. Monog. 17:

245-247, 250-255, 257, 260, 1947.

b Gibson, Ohio J. Sci. 46:47-55, 1945;
47:38-44, 1947.

b Keen, Pan-Pac. Ent. 22:1-8, 1946.

FOREST INSECTS - EFFECT ON HOST

West, Can. J. Res. Sect. D 25:115-116,
1947.

**FOREST INSECTS - FIRE INJURED
TREES**

Gardiner, Can. Min. Agr. R. f.
1944/45:62.

FOREST INSECTS - INSECTICIDES

Annand, USDA EPQ R. f. 1944/45:5,
15; f. 1945/46:3-4, f. 1946/47:15-

16, 22-24.
b Graham, B. C. Lumberm. 29(4):38-
39, 60, 62, 64, 118, 120, 122, 124, 1945.

**FOREST INSECTS - INSECTICIDES -
DDT**

Cottam, Cal. Mosq. Control Assoc. P.
14:31-35, 1946.

Craighead & Brown, USDA EPQ E-
649, 7 p., 1945; E-684, 14 p., 1946.

Creighton, Fla. St. Hort. Soc. P. 58:
151, 1945.

Creighton, Cit. Indus. 27(1):6, 1946.

i Dowden et al., USDA EPQ E-663,
13 p., 1945.

Hall, Amer. Forests 52:186-188, 1946.

b Hoffmann, Natl. Shade Tree Conf. P.
22:308-311, 1946.

b Leary et al., DDT & the Ins. Prob.:
148-154, 1946.

Sheals & Craighead, Can. Lumberm.
65(7):24, 1945.

FOREST INSECTS - LARVAE

McGuffin, Can. Ent. 77:53-55, 197-199,
1945, 79:113-116, 1947.

FOREST INSECTS - LEGISLATION

Anderson, USDA R. Sec. f. 1947:131.

Watts, USDA FS R. f. 1947:21.

FOREST INSECTS - LOSSES CAUSED BY

Anderson, USDA R. Sec. f. 1947:131,
140.

Biggar, For. Situation in Cal.:32, 1945.

Hall, Timberm. 48(6):46, 48, 1947.

McLintock, J. For. 45:657-658, 1947.

Richmond, B. C. Lumberm. 31(4):65-
66, 84, 1947.

Stevens, Tech. Assoc. Papers Pulp &
Paper Indus. Ser. 30:598, 1947.

Watts, Miss. Val. Lumberm. 78(27):6,
1947.

Watts, USDA FS R. f. 1947:20.

**FOREST INSECTS - MARITIME PROV-
INCES & NEWFOUNDLAND**

Reeks, Can. Ins. Pest Rev. 23:18-22,
1945; 24:25-29, 1946.

Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:5-15, 1945;
f. 1945:7-19, 1946; f. 1946:7-19, 1947.

FOREST INSECTS - NOVA SCOTIA

Harrison, N. S. Dept. Lands & For. R.
f. 1944:35-65, 1945; f. 1945:35-55,
1946.

Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:35-50, 1947.

FOREST INSECTS - ONTARIO

i Atwood, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:27-39,
1945.

Atwood, Can. Ins. Pest Rev. 23:52-60,
1945.

Bradley, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:35-42,
1946.

Bradley, Can. Ins. Pest Rev. 24:61-
63, 1946.

Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
42-53, 1947.

i Kennedy, Ont. Royal Comn. For. R.
f. 1947:114-119.

Watson, Can. Ins. Pest Rev. 24:64-66,
1946.

Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
27-34, 1946.

Watson & Raizenne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
34-41, 1947.

FOREST INSECTS - PARASITES

Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:43-44, 1947.

Richmond & McGuffin, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1944:
58-59, 1945.

Ont. Dept. Agr. Div. Ent. Parasite
Invest. Unit, Control For. Ins. Prov.
Ont. by Introd. Ins. Parasites, 83 p.,
1947.

FOREST INSECTS - POPULATIONS

bi Jones, Amer. Mid. Nat. 35:175-192,
1946.

b Rice, Amer. Mid. Nat. 35:153-171,
1946.

**FOREST INSECTS - POPULATIONS -
EFFECT OF DDT**

b Brues, Harvard Univ. Harvard For.
Papers 1(1):1-18, 1947.

**FOREST INSECTS - PRAIRIE PROV-
INCES**

Lejeune, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:43-52,
1946.

McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
54-65, 1947.

i Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:52-61,
1945; f. 1945:53-60, 1946.

Peterson, Can. Ins. Pest Rev. 23:94-
102, 1945; 24:105-114, 1946.

Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:66-76, 1947.

FOREST INSECTS - PUERTO RICO

bi Martorell, P. R. Univ. J. Agr. 29:
69-808, 1945.

FOREST INSECTS - QUEBEC

Atwood, Can. Ins. Pest Rev. 23:52-60,
1945.

Daviault, Laurentian For. Protect.
Assoc. Ltd. R. 30:34-40, 1946.

Daviault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:20-33,
1947.

- FOREST INSECTS - QUEBEC--Continued**
 Daviault, For. Québécoise 12:112-113, 1947; Québec Min. Terres et For. Bur. d'Ent. C. 6:2-3, 1947?
 Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 20-26, 1946.
 Daviault et al., Québec Min. Lands & For. R. f. 1943/44:92-98, 1945, f. 1944/45:113-122, 1946; f. 1945/46: 110-123, 1947.
 i Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:16-26, 1945.
 Lévesque, For. Québécoise 11:527-535, 1946.
- FOREST INSECTS - RESISTANT TREES**
 Annand, USDA EPQ R. f. 1943/44:8, 1945.
- FOREST INSECTS - SHELTERBELTS**
 Gardiner, Can. Min. Agr. R. f. 1945/46:75.
 Severin, S. Dak. R. 59:15-16, 1946.
- FOREST INSECTS - STRATIFICATION**
 bi Dowdy, Ecology 28 418-439, 1947.
- FOREST INSECTS - SURVEYS**
 Annand, USDA EPQ R. f. 1944/45:32-33, f. 1945/47:34-35.
 Chambers, Wis. Dept. Agr. B. 274:81, 1946.
 i Harrison, N. S. Dept. Lands & For. R. f. 1945:48, 1946.
 Lambert, Québec Min. Lands & For. R. f. 1943/44:92-93, 1945, f. 1944/45:116, 1946; f. 1945/46:110-114, 1947.
- FOREST INSECTS - VANCOUVER ISLAND**
 Prebble, Can. Ins. Pest Rev. 23:110-112, 1945.
- FOREST INSECTS & BARK REMOVAL**
 Connaughton, USDA FS South. For. Expt. Sta. R. 26:45-46, 60-61, 1946.
 Lininger et al., Pa. B. 475:21, 1945; 480:31-32, 1946.
- ***FOREST TENT CATERPILLAR, see MALACOSOMA DISTRIA Hbn.**
- FORFICULA AURICULARIA L. (EUROPEAN EARWIG)***
 i Bohart, Pest Control & Sanit. 1(3): 22, 1946.
 Eddy, R. I. Dept. Agr. & Conserv. R. 10:42-43, 1945.
 Flock, Ariz. St. Ent. R. f. 1944:14, 1945.
 Keifer, Cal. Dept. Agr. B. 33:250, 1945.
 i Knowlton, Utah Ext. N.S.C. 145, 4 p., 1945.
 Michelbacher, Pests 15(6):14, 1947.
 Mills et al., Mont. B. 442:12, 1947.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:5; f. 1945/46: 11M f. 1946/47:8.
 Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:23.
- FORFICULA AURICULARIA - CANADA**
 Downes et al., Can. Ins. Pest Rev. 25: 6, 1947.
 Gardiner, Can. Min. Agr. R. f. 1946/47:104.
- FORFICULA AURICULARIA - CANADA --Continued.**
 Glendenning, Can. Ins. Pest Rev. 24: 117, 1946.
 i Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 21 rev., 5 p., 1947.
 Guppy, B. C. Ent. Soc. P. 43:28-31, 1947.
- FORFICULA AURICULARIA - DISTRIBUTION**
 Keifer, Cal. Dept. Agr. B. 35:209, 1946.
 Steinweden, Cal. Dept. Agr. B. 34:181, 1945.
- FORFICULA AURICULARIA - INSECTICIDES**
 McIndoo, USDA EPQ E-713:124, 1947.
 Mackie, Cal. Dept. Agr. Sp. Pub. 209. 12, 1945.
 Roark & McIndoo, USDA EPQ E-728: 38, 1947.
 Steinweden, Cal. Dept. Agr. B. 34. 178, 1945, 35:208, 1946.
- FORFICULA AURICULARIA - PARASITES**
 Spencer, B. C. Ent. Soc. P. 43:8-9, 1947.
- FORMICA ATERRIMA Cress.**
 Brown, Ent. News 58:8-9, 1947.
- FORMICA CINEREA Mayr**
 Kendall, Cal. Citrog. 31 356, 1946.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46:20, f. 1946/47:11.
- FORMICA CINEREA NEOCINEREA Whlr.**
 Sallee & King, Iowa Acad. Sci. P. 54: 349, 1947.
- FORMICA EXSECTOIDES Forel (ALLEGHENY MOUND ANT)***
 Baerg, Conn. Acad. Arts & Sci. Trans. 36:103, 1945.
 b Haviland, J. Ec. Ent. 40:413-419, 1947.
 Price, W. A., J. Ec. Ent. 38 706, 1945.
- FORMICA EXSECTOIDES - VENOM**
 b Acree et al., J. Ec. Ent. 39:661-662, 1946.
 Haviland, J. Ec. Ent. 38:606, 1945.
- FORMICA FUSCA L.**
 b Balduf, Ent. News 56:40-43, 1945.
 Jaynes & Marucci, J. Ec. Ent. 40:16, 19, 1947.
- FORMICA FUSCA DENSIVENTRIS Vier.**
 Brown, Ent. News 58:7-8, 1947.
- FORMICA FUSCA NEORUFIBARIS Emery - PREDATORS - BIRDS**
 Knowlton et al., J. Ec. Ent. 39:548, 1946.
- FORMICA FUSCA SUBSERICEA Say (SILKY ANT)***
 i Haskins, Can. Nature 8:142, 1946.
 Jaynes & Marucci, J. Ec. Ent. 40:18, 20, 22, 25, 1947.
 Rau, Ent. News 56:118-119, 1945.
- FORMICA NEOGAGATES Emery**
 Fautin, Ecol. Monog. 16:269, 1946.
- FORMICA PALLIDE-FULVA SCHAUFUSSII INCERTA Emery**
 Jaynes & Marucci, J. Ec. Ent. 40:16, 18, 20, 22, 25, 1947.

- FORMICA PALLIDE-FULVA SCHAU-
FUSSI INCERTA--Continued.
Talbot, Ecology 27:65-70, 1946.
- FORMICA PALLIDEFULVA SCHAU-
FUSSI INCERTA - FLIGHT
Talbot, Amer. Mid. Nat. 34:509-510,
1945.
- FORMICA PARCIPAPPA Cole
n Cole, Ent. Soc. Amer. Ann. 39:616-
618, 1946.
- FORMICA RUFA INTEGRATA Nyl.
Jaynes & Marucci, J. Ec. Ent. 40:19,
1947.
- FORMICA RUFA MELANOTICA Emery
Sallee & King, Iowa Acad. Sci. P. 54:
349-352, 1947.
- FORMICA SANGUINEA Latr.
b Baldur, Ent. News 56:40-43, 1945.
Haskins, Can. Nature 8:142, 1946.
- FORMICIDAE
Eckert & Mallis, Pest Control & Sanit.
1(11):15, 1946.
blk Smith, Amer. Mid. Nat. 37:521-
647, 1947.
- FORMICIDAE, see also ANTS
- FORMICIDAE - COLLECTION AND
PRESERVATION
Kennedy, Ohio J. Sci. 46:10-12, 1946.
- FORMICIDAE - DISTRIBUTION - ALTI-
TUDES
b Gregg, Colo. Univ. Studies ser. D 2:
385-403, 1947.
- FORMICIDAE - MINNESOTA
b Gregg, Amer. Mid. Nat. 35:747-755,
1946.
- FORMICIDAE - OCELLI
i Weber, Biol. Bul. 93.112-113, 1947.
- FORMICIDAE - PARTHENOGENESIS
b Haskins & Enzmann, N. Y. Ent. Soc.
J. 53:263-277, 1945.
- FOSSIL INSECTS, see INSECTS - FOSSIL
- *FOUR-LINED PLANT BUG, see POE-
CILOCAPSUS LINEATUS (F.)
- *FOUR-SPOTTED TREE CRICKET, see
OECANTHUS NIGRICORNIS QUAD-
RIPUNCTATUS Beut.
- FOWL LEUKEMIA, see MOSQUITOES &
ANIMAL DISEASE - FOWL LEU-
KEMIA
- FOWL POX, see MOSQUITOES & ANI-
MAL DISEASE - FOWL POX
- FOWL SPIROCHETOSIS, see ARGAS
PERSICUS & FOWL SPIROCHE-
TOSIS
- *FOWL TICK, see ARGAS PERSICUS
(Oken)
- FOWL TYPHOID, see MUSCA DOMES-
TICA & FOWL TYPHOID
- FOX MAGGOT, see WOHLFAHRTIA
OPACA (Coq.)
- FOXES - PESTS
Gardiner, Can. Min. Agr. R. f.
1945/46:121.
Gunn, Amer. Fur Breed. 19(3):56,58,
1946.
Portman & Dalke, J. Ec. Ent. 38:397,
1945.
- *FOXGLOVE APHID, see MYZUS CON-
VOLVULI (Kltb.)
- FRANKLINIELLA sp.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:17-18,22.
- FRANKLINIELLA BRATLEYI Watson -
GEORGIA
Watson, Fla. Ent. 28:53, 1946.
- FRANKLINIELLA CALIFORNICA Moul.,
see FRANKLINIELLA MOULTONI
Hood
- FRANKLINIELLA CEPHALICA Cwfd.
Wolfe et al., Fla. Ext. B. 129:89, 1946.
- FRANKLINIELLA CEPHALICA BISPINO-
SA (Morg.) (FLORIDA FLOWER
THRIPS)
Wylle, Fla. R. f. 1946/47:203.
- FRANKLINIELLA FUSCA (Hinds) (TO-
BACCO THRIPS)*
Watson, Fla. R. f. 1944/45:65.
- FRANKLINIELLA FUSCA - HAWAIIAN
ISLANDS
Sakimura, Hawaiian Ent. Soc. P. 13:
2, 1947.
- FRANKLINIELLA FUSCA - INSECTI-
CIDES
Garner, Prod. of Tob.:293, 1946.
Poos, J. Ec. Ent. 38:446-448, 1945.
b Poos et al., J. Ec. Ent. 40:900-905,
1947.
- FRANKLINIELLA FUSCA - INSECTI-
CIDES - DDT
Annand, USDA EPQ R. f. 1944/45:12.
Loftin, USDA EPQ E-657:6, 1945.
Packard, USDA EPQ E-640:4, 1945.
- FRANKLINIELLA HELIANTHI (Moul.)
Lange et al., in Cal. Agr. Expt. Sta.,
Invest. with DDT in Cal. 1944:19,
1945.
- FRANKLINIELLA INSULARIS (Frankl.)
Osorio, Control de Plagas 8:121-122,
1946.
- FRANKLINIELLA INSULARIS & WILT,
SPOTTED
Jensen, Hawaiian Ent. Soc. P. 12:591-
592, 1946.
- FRANKLINIELLA MOULTONI Hood
Condit, Fig:186, 1947.
Flock, Ariz. St. Ent. R. f. 1944:16,
1945.
- i McGregor, Cal. Fruit Grow. Exch.
Pest Control C. 136:4; Cal. Citrog.
31:261, 1946.
- Michelbacher & Swanson, Cal. C. 365:
71, 1946.
- Smith, Cal. Ext. C. 98 rev.:48, 1946.
- FRANKLINIELLA MOULTONI & WILT,
SPOTTED
Jensen, Hawaiian Ent. Soc. P. 12:592,
1946.
- FRANKLINIELLA OCCIDENTALIS (Perg)
Burgess, Ariz. R. 56:48, 1946.
Curry, N. Mex. R. 56:46-47, 1946?
Fautin, Ecol. Monog. 16:267, 1946.
Lamiman & Smith, Cal. Ext. C. 103
rev.:71, 1947.
- Michelbacher & Swanson, Cal. C. 365:
71, 1946.
- Smith, in Cal. Agr. Expt. Sta., Invest.
with DDT in Cal. 1944:7-8, 1945.
- FRANKLINIELLA PAUCISPINOZA
Moul. & VIRUS DISEASE OF
TOMATO
Bennett et al., J. Agr. Res. 72:26,
1946.

FRANKLINIELLA PAUCISPINOSA & WILT, SPOTTED

Jensen, Hawaiian Ent. Soc. P. 12:593, 1946.

FRANKLINIELLA SCHULTZEI Tryb. & WILT, SPOTTED

Jensen, Hawaiian Ent. Soc. P. 12:593, 1946.

FRANKLINIELLA SULPHUREA Schmutz Holdaway et al., Hawaii R. f. 1942/44. 62-63, 1945.

FRANKLINIELLA SULPHUREA & WILT, SPOTTED

b Sakimura, J. Ec. Ent. 39:398, 1946.

FRANKLINIELLA TRITICI (Fitch) (FLOWER THRIPS)*

b Fletcher et al., J. Ec. Ent. 40 594-596, 1947.

Tissot & Janes, Fla. R. f. 1946/47 70.

Watson, Fla. R. f. 1944/45 65.

Wilson, Fla. R. f. 1946/47 204.

Wylie & Wilson, Fla. R. f. 1946/47 181.

FRANKLINIELLA VACCINII Morg. (BLUEBERRY THRIPS)

Lathrop, Maine B. 438:654, 1945.

i Lathrop, Maine B. 449 426-427, 1947.

FRANKLINIELLA WILLIAMSI Hood Osorio, Control de Plagas 8:121-122, 1946.

FRANKLINOTHrips VESPIFORMIS (Cwfd.)

Plank & Winters, P. R. (Mayaguez) R. f. 1944 21, 1945.

FRISCANUS FRISCANUS (Ball) & PIERCE'S DISEASE OF GRAPE-VINES

b Frazier & Freitag, Phytopathology 36:634-637, 1946.

FRISOLEE DISEASE OF COTTON, see LYGUS SIMONYI & FRISOLEE DISEASE OF COTTON

FROGHOPPERS, see CERCOPIDAE

FROGS - INSECT FOOD, see INSECTS AS FOOD OF FROGS

FRONTINA ARCHIPPIVORA Will., see ACHAEONEURA ARCHIPPIVORA (Will.)

FRONTINA ARMIGERA Coq., see EUCELATORIA ARMIGERA (Coq.)

FRONTINIELLA PARANCILLA (Townsend) Poos & Hetrick, J. Ec. Ent. 38:315, 1945.

FROSTED SCALE, see LECANIUM PRUINOSUM Coq.

FRUIT FLIES

USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 9, 1947.

FRUIT INSECTS

i Banta, Amer. Fruit Grow. 65(2):8-9, 14, 22, 1945.

i Beach & Childers, Ohio Ext. B. 252 rev.:20, 24, 33-34, 45-47, 53, 58-60, 64-66, 1945.

Carver et al., Wash. Ext. B. 279 rev., 15 p., 1945.

Chandler, Ill. St. Hort. Soc. Trans. 79: 124-134, 1946; 80:130-141, 1947.

Dewey, N. Y. St. Hort. Soc. P. 90:38-46, 1945; 91:82-90, 1946; 92:55-63, 1947.

FRUIT INSECTS--Continued.

i Edmondson, Wyo. Ext. C. 58 rev.: 27-32, 1945.

i Florio, Ga. Ext. B. 518:9-11, 13-14, 17-18, 1945, rev.:9-12, 14-15, 17-20, 1946.

Flebut et al., Rocky Mountain Conf. Ent. R. 18:7-8, 1947.

i Garman, Conn. Pom. Soc. P. 55 167, 170, 1946.

Garman et al., Conn. Pom. Soc. R. 55: 83-84, 1946, 56:83-85, 1947.

Knutson, R. I. Dept. Agr. & Conserv. R. 12:55, 57, 1947.

Lauderdale, Ariz. St. Ent. R. f. 1945/46:18-19.

Lincoln, Ark. Ext. C. 439, 8 p., 1946. (Repr.)

Lockwood, Cal. Dept. Agr. B. 35:200-201, 1946.

Ritcher, Ky. Fruit Notes 3(3):1-2, 1946.

Ryan, Los Angeles Co. Cal. Agr. Comm. R. f. 1944/45 8-9.

bi Talbert, Gen. Hort.:71, 73, 178-193, 420, 1946.

Whitcomb, Mass. Fruit Grow. Assoc. R. 51:22-24, 1945, 52 196-197, 1946; 53:20-21, 1947.

Ohio Ext., Dis. & Ins. Control for Home Orch. & Small Fruits, 6 p., 1945.

FRUIT INSECTS, see also SMALL FRUIT INSECTS, STONE FRUIT INSECTS

FRUIT INSECTS - CANADA

Gardner, Can. Min. Agr. R. f. 1944/45:58-61, f. 1945/46 68-71, f. 1946/47:83-87.

Marshall et al., Can. Ins. Pest Rev. 25:80-101, 1947.

Neary, N. S. Fruit Grow. Assoc. R. 82: 33, 35-38, 1945; 83:22-25, 1946, 84: 113-117, 1947.

Ross, Can. Ins. Pest Rev. 23 37-40, 1945; 24:45-49, 1946.

Twinn, Can. Ins. Pest Rev. 23:5-6, 1945.

Venables, Can. Ins. Pest Rev. 23:106-107, 1945, 24:119, 1946.

FRUIT INSECTS - CONTROL

Annand, USDA EPQ R. f. 1943/44:2-6, f. 1944/45:11-12; f. 1945/46:2-3, f. 1946/47:10-12.

Batjer et al., Wash. St. Hort. Assoc. P. 43:241-244, 1947.

Burrell et al., N. Y. St. Hort. Soc. P. 91:279-295, 1946.

Burrell et al., N. Y. St. Hort. Soc. P. 92:254-289, 1947.

Chapman et al., N. Y. St. Hort. Soc. P. 90:290-316, 1945.

i Filinger, Kans. C. 235, 9, 12-52, 1946. Gowdy et al., Conn. Pom. Soc. P. 55: 39-43, 65, 68, 71, 115-116, 1946.

Houser, Ohio St. Hort. Soc. P. 100:18-26, 1947.

b Howard & Brooks, Cal. Ext. C. 117 rev.:34-35, 39, 44-45, 47, 53-54, 58, 63, 65-66, 71-72, 74-75, 79, 1947.

FRUIT INSECTS - CONTROL--Continued.

- Hutchison et al., Pa. St. Hort. Assoc. News 22(1):8,10-11, 1945.
 i Lecrone, Okla. Ext. C. 108 rev.:1-10, 13-20,26-32, 1946.
 Myers et al., N. Y. (C.) R. 57:52-53, 1945; 58:53-54, 1946; 59:45-46, 1947.
 O'Neill, N. Y. St. Hort. Soc. P. 91:94-96, 1946.
 Palm, N. Y. St. Hort. Soc. P. 90:30-33, 1945.
 Parks, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:25, 1946.
 Porter, Pa. St. Hort. Assoc. P. 87:84-88,90-92, 1946.
 Powell, Ill. St. Hort. Soc. News Let. 6: 1-2, 1946.
 Powell et al., Ill. Ext. C. 568 rev., 48 p., 1946; 610,31 p., 1947.
 Ragland & Overcash, Miss. Farm Res. 10(12):6-7, 1947.
 Rosborough et al., Tex. Ext. B. 73 rev.:13-18, 1947.
 Sherwood, W. Va. Ext. C. 320 rev., 71 p., 1946.
 Slate, Conn. R. f. 1944/45:18-21.
 Snapp et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:17-18, 1945.
 Sorenson et al., Utah Ext. N.S.C. 127 rev., 8 p., 1945.
 Stoddard et al., Conn. Pom. Soc. P. 56: 45-49, 1947.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:106-121, 1945; 52:50-67, 1946; 53:133-154, 1947.
 i Va. Ext. B. 131 rev., 47 p., 1947.
- FRUIT INSECTS - INSECTICIDES**
 Bird, West. Can. Soc. Hort. P. 3:16, 1947.
 Chandler, Ill. Fruit Exch. News 10(9): 4, 1946; 11(8):3, 1947.
 Garman, Conn. B. 501:75-82, 1946.
 Garman, Conn. Pom. Soc. P. 55:20-25, 1946.
 Garman, Conn. Pom. Soc. R. 56:21-30, 1947.
 Hemstreet et al., Mich. St. Hort. Soc. R. 76:101-106, 1947.
 Hilborn et al., Maine Ext. B. 358, 10 p., 1947.
 i Howard et al., USDA Misc. Pub. 526 rev., 56 p., 1945.
 Karr et al., Wash. St. Hort. Assoc. P. 43:116-123, 127-129, 131-132, 135-139, 141-146, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 711, 88 p., 1947.
 Porter, USDA YB f. 1943/47:659-662.
 Rasmussen, Mich. St. Hort. Soc. R. 75: 31-35, 1946.
 Risdale, Mich. St. Hort. Soc. R. 76:26-30, 1947.
 Trullinger et al., USDA OES R. f. 1945/46:107-110, 1947.
 Whitcomb, Mass. Ext. Fruit Notes Feb 26, 1946:1-2.
- FRUIT INSECTS - INSECTICIDES - DDT**
 Baker & Porter, USDA EPQ E-637, 9 p., 1945.
 Bourne, Mass. Ext. Fruit Notes, Nov. 26, 1945:6.

FRUIT INSECTS - INSECTICIDES - DDT --Continued.

- i Carruth, N. Y. (G.) Farm Res. 13(3): 8-9, 1947.
 Childs, Amer. Fruit Grow. 66(2):24, 30,40, 1946.
 Conner, N. C. Ext. C. 291 rev.:9, 1947.
 Creighton, Fla. St. Hort. Soc. P. 58: 150, 1945.
 Creighton, Cit. Indus. 27(1):5, 1946.
 Daggy, Minn. Hort. 74:68, 1946.
 Daggy et al., Minn. Ext. B. 252:12-15, 1946.
 Dewey, N. Y. St. Hort. Soc. P. 91:77-82, 1946.
 Fenton et al., Okla. Mimeo. C. 147: 5-6, 1945.
 Haseman et al., Mo. C. 309:6, 1946.
 Jardine et al., USDA OES R. f. 1944/45:61-63, 1946.
 b Leary et al., DDT & the Ins. Prob.: 154-159, 1946.
 Newcomer, Wash. St. Hort. Assoc. Proc. 41:51-53, 1945.
 Ross, Can. Hort. Grow. Ed. 68:33-34, 1945.
 Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 37:1-2, 1946.
 Stanley, Tenn. Ext. Pub. 293 rev.:13-16, 1947.
 Thies, Mass. Ext. Fruit Notes Dec. 31, 1945:4-5.
 Whitcomb et al., Mass. Ext. Sp. C. 135 rev.:2-3, 1947.
- FRUIT INSECTS - LOSSES CAUSED BY**
 Pratt, Tenn. Hort., April 1945:2-3.
- FRUIT INSECTS - MEXICO**
 i Noriega, Frutic. Com. ed. 3:174-190, 199-202, 1947.
- FRUIT INSECTS - MICHIGAN**
 Rasmussen, N. H. Hort. Soc. J. 10:29-37; Mass. Fruit Grow. Assoc. R. 53:57-62, 117, 1947.
- FRUIT INSECTS - OUTLOOK**
 Hall, Cargill Crop Bul. 21(11):11, 1946.
- FRUIT INSECTS - PARASITES**
 Brigham, Conn. Pom. Soc. P. 55:95, 1946; 56:93-94, 1947.
 Slate, Conn. B. 484:63, 1945.
- FRUIT INSECTS - SPRAYS**
 Allen, Household 47(3):52-53, 1947.
 Bruce, West. Colo. Hort. Soc. Trans. f. 1946:145, 147, 1947.
 Chapman, N. Y. St. Hort. Soc. P. 92: 184-188, 1947.
 Chapman, Pa. St. Hort. Assoc. P. 88: 73-82, 1947.
 Childs et al., Oreg. Ext. B. 663:2-4, 6-16, 1946.
 Christopher, R. I. Ext. Mimeo. C. 10, 7 p., 1946.
 Cleveland, West. Colo. Hort. Soc. Trans. f. 1944:32-38, 1945.
 Garman, Conn. B. 512:70-75, 87-88, 1946.
 Hodson & Sharville, Minn. Fruit Grow. 13(2):3,6,15,18, 1946.
 List et al., West. Colo. Hort. Soc. Trans. f. 1945:138-139, 141-143, 145-146, 1946.

FRUIT INSECTS - SPRAYS--Continued.

- Newcomer, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:63, 1947.
Newcomer & Overley, West. Coop. Spray Proj. Conf. R. 19:8 p., 1945.
Nichols et al., Iowa St. Hort. Soc. Trans. 80:101-106, 1945.
Nichols et al., Iowa St. Hort. Soc. Trans. 81:134-152, 1946.
Pearce & Chapman, N. Y. (G.) Farm Res. 13(2):1, 1947.
Pickett, N. S. Fruit Grow. Assoc. R. 83:27-31, 1946.
i Porter, Amer. Fruit Grow. 67(8):15, 42-43, 45, 1947.
Richardson, Iowa St. Hort. Soc. Trans. 80:68-74, 1945.
Slade, Conn. B. 484:61, 1945.
Tisdale, Fla. Grow. 56 [i.e. 55](4) 25, 28, 1947.
Williams, Conn. Ext. B. 388, 20 p., 1947.
i Ohio B. 655, 63 p., 1945, B. 670, 64 p., 1947. Also issued as Ohio Ext. B. 128 rev., 1947.

FRUIT INSECTS - SPRAYS - DDT

- Dewey, Amer. Fruit Grow. 66(2):48, 51, 1946.
Fluke, Wis. Hort. 38:89-90, 1947.
Lininger et al., Pa. B. 475:29-30, 1945.
Marshall, Wash. St. Hort. Assoc. P. 42:66, 68-70, 1946.
Newton, West. Colo. Hort. Soc. Quart. B. 2(1):5-6, 1947.
i Porter, Amer. Fruit Grow. 66(2):12-13, 32, 34, 1946.
Price, Ky. Ext. C. 438:7-8, 1947.
Richardson, Iowa St. Hort. Soc. Trans. 81:129-132, 1946.
Ross, Can. Dept. Agr. Div. Ent. Proc. essed Pub. 64:2-3, 1947.
Ross, Can. Grow. 70(4):18, 1947.
Tate, Neb. St. Bd. Agr. R. f. 1945:432-433.
Winter, Minn. Fruit Grow. 13(3):8-9, 1946.

FRUIT INSECTS - SPRAYS - DDT MIXTURES

- Chandler, Ill. St. Hort. Soc. Trans. 79:274-290, 1946.
i Reed et al., Amer. Fruit Grow. 66(2):15-16, 41-42, 44, 46-47, 51, 1946.

FRUIT INSECTS - SURVEYS

- Annand, USDA EPQ R. f. 1946/47:36.
Davis, Oreg. St. Hort. Soc. R. 39:47-49, 1947.

FRUIT MITES, see ORCHARD MITES

FRUIT ORCHARD SANITATION, see ORCHARD SANITATION

***FRUIT TREE LEAF ROLLER, see ARCHIPS ARGYROSPILA (Wlkr.)**

FUCHSIA INSECTS

- Baake, in Cal. Fuchsia Soc., A to Z on Fuchsias:11, 1946.
Hemming, in Cal. Fuchsia Soc., A to Z on Fuchsias:14-15, 1946.
Hemming, Fuchsia Fan 6(11):6-7, 1946.
FULGORID, unidentified sp.
Burgess, Ariz. R. 56:48, 1946.

FULGOROIDEA

- n Caldwell, Ohio J. Sci. 47:76-78, 1947.

FULGOROIDEA--Continued.

- Metcalf, in Horváth et al., Gen. Cat. Hemiptera Fasc. IV, Pt. 4-7, 252 p., 1945; Pt. 8, 246 p., 1946; Pt. 9, 276 p., 1947.

FULGOROIDEA - GENITALIA

- bi Fennah, Ent. Soc. Wash. P. 47:217-229, 1945.

***FULLER ROSE BEETLE, see PANTOMORUS GODMANI (Crotch)**

FUMEA CASTA (Pallas) - GENITALIA

- bi Williams, Amer. Ent. Soc. Trans. 73:77-84, 1947.

FUMIGANTS

- Annand, USDA EPQ R. f. 1944/45:21-22, f. 1945/46:15.
Bishopp, J. Ec. Ent. 39:450-451, 1946.
Britton, in De La Mare, Gard. Guide ed. 7:413, 1947.
Chitwood & Buhner, Helminth. Soc. Wash. P. 12:39-41, 1945.
Christie, Helminth. Soc. Wash. P. 12(1):14-19, 1945.
Cotton, Seed Trade Buyers Guide 29:119-120, 1946.
Creighton, Natl. Shade Tree Conf. P. 23:116-117, 1947.
Gershenfeld, Bact. & All. Subjects: 419-432, 1945.
Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:56-59, 1946.
McClintock & Fisher, Spray Chem. & Appl. Equip.:145-150, 1945.
Mallis, Handb. of Pest Control:486-497, 1945.
Martin, N. J. R. 67:44, 1947?
Parker, Food Indus. 18:334, 1946.
Quesada, Control de Plagas 9:99-100, 1947.
Schmidt, N. J. C. 496:5-7, 1945.
Schwardt & Logothetis, N. Y. (C.) R. 58:118, 1946.
Tisdale, Can. Chem. & Process Indus. 29:74-75, 1945.

FUMIGANTS, see also SOIL STERILIZATION

FUMIGANTS - ACRYLON, see FUMIGANTS - ACRYLONITRILE & CARBON TETRACHLORIDE MIXTURES (ACRYLON)

FUMIGANTS - ACRYLONITRILE & CARBON TETRACHLORIDE

- Annand, USDA EPQ R. f. 1945/46:15; f. 1946/47:7.
Chapman, Amer. Mill. 75(4):60, 62, 1947.

FUMIGANTS - ACRYLONITRILE & CARBON TETRACHLORIDE MIXTURES (ACRYLON)

FUMIGANTS - AMORPHA FRUTICOSA, CHLORINATED EXTRACT

- Brett & Hodnett, J. Ec. Ent. 40:593, 1947.

FUMIGANTS - ARSENIC & SULFUR
i Bruner & Ochoa, Cuba (Santiago de las Vegas) C.86, 10 p., 1946.

FUMIGANTS - AZOBENZENE
Anderson USDA R. Sec. f. 1947:142.
Blauvelt, N. Y. St. Flower Grow. B. 2:6-8; 4:8, 1945.

FUMIGANTS - AZOBENZENE--Continued
 Blauvelt, Can. Flor. 41:7-8,124, 1946.
 Blauvelt, Flor. Rev. 97:32-33, 1946.
 Blauvelt, N. Y. (G.) Farm Res. 12(2):
 12-13, 1946.
 Blauvelt, N. Y. (C.) R. 58:122-123,
 1946; 59:121-122, 1947.
 Blauvelt, N. Y. St. Flower Grow. B.
 10:15-16, 1946; 19:1-11, 1947.
 Compton, Can. Flor. 41:339, 1946.
 Davis, Pests 14(6):12, 1946.
 English, Can. Flor. 42(7):7,34, 1947.
 English, South. Flor. 59(46):11,52,
 1947.
 Farrar, Amer. Assoc. Econ. Ent. N.
 Cent. Sts. Branch P. 25:54-55, 1946.
 Haring, J. Ec. Ent. 39:80, 1946.
 Hutson, Gladiolus 22:49-51, 1947.
 Lininger et al., Pa. B. 488:18, 1947.
 Milne, South. Flor. 60(25):55-56, 1947.
 Neiswander, Amer. Assoc. Ec. Ent. N.
 Cent. Sts. Branch P. 2:74, 1947.
 Neiswander, Ohio Veg. & Potato Grow.
 Assoc. P. 32:143-147, 1947.
 Kiplinger, Ohio Flor. Assoc. Month.
 B. 198:2-3, 1946.
 Martin, N. J. R. 67:55, 1947?
 Pass, Can. Flor. 41:150, 1946.
 Pyenson, Flower Grow. 33:200, 1946.
 Sharp, J. Ec. Ent. 39:669-670, 1946.
 Trullinger et al., USDA OES R. f.
 1945/46:110, 1947.
 Whitcomb & Garland, Mass. B. 441:
 38, 1947.
 Witman, Chem. Indus. 58:591, 1946.
 Ohio Flor. Assoc. Month. B. 210:2,
 1947.

**FUMIGANTS - AZOBENZENE - HAZ-
 ARDS & SAFEGUARDS**
 b Blauvelt, N. Y. St. Flower Grow. B.
 15:3-5,8, 1946; Flor. Exch. 107(24)
 47, 1946; 108(1):15, 1947.
 English, South. Flor. 59(46):11, 1947.

**FUMIGANTS - AZOBENZENE & FULEX
 PASTE**
 Whitcomb & Garland, Mass. B. 441:38,
 1947.

**FUMIGANTS - AZOBENZENE & HEXA-
 ETHYL TETRAPHOSPHATE**
 Blauvelt & Hoffman, N. Y. St. Flower
 Grow. B. 19:12-14, 1947.

**FUMIGANTS - AZOBENZENE (AZO -
 FUME 45 CANDLE)**
 Blauvelt, N. Y. St. Flower Grow. B.
 19:11-12, 1947.

**FUMIGANTS - AZOBENZENE (HYPO-
 ZENE)**
 Blauvelt, Flor. Exch. 105(22):20, 1945.

**FUMIGANTS - BENZENE HEXACHLO-
 RIDE**
 Dustan et al., Sci. Agr. 26:115,119,
 1946.
 Greenwood, Conn. B. 512:56-59, 1946.
 Roberts & Peterson, Poult. Sci. 26:
 588-593, 1947.
 Srivastava & Wilson, J. Ec. Ent. 40:
 569-570, 1947.

**FUMIGANTS - BENZENE HEXACHLO-
 RIDE & FULEX PASTE**
 Whitcomb & Garland, Mass. B. 441:38,
 1947.

**FUMIGANTS - BENZENE HEXACHLO-
 RIDE MIXTURES**
 Simms, USDA BAI R. f. 1946/47:58.

FUMIGANTS - BIBLIOGRAPHY
 Mallis, Handb. of Pest Control:542-
 543, 1945.

**FUMIGANTS - BROMO NAPHTHA-
 LENE**
 Whitcomb & Garland, Mass. B. 428:
 38, 1945.

FUMIGANTS - CALCIUM CYANIDE
 Ahlgren, N. J. B. 724:26, 1946.
 Balzer & Cotton, USDA FB 1906 rev.:
 7-8, 1947.
 i Cotton et al., USDA C. 720:8-9,43,
 1945.
 Dustan, Can. Dept. Agr. Div. Ent.
 Processed Pub. 69:3-4, 1947.
 Grandfield & Throckmorton, Kans. B.
 328:58-59, 1945.
 Howard, Better Homes & Gard. 25(9):
 219, 1947.
 Howard et al., USDA Misc. Pub. 526
 rev.:8-9, 1945.
 Jennings, R. I. Misc. Pub. 26:16-17,
 1945.
 Langhorst, Agr. Chem. 2(4):32-33,
 1947.
 Miller, Amer. Feed & Grain Dealer
 30(11):9, 1946.
 Neiswander, Ohio B. 665:32, 1946.
 Robinson, West. Can. Beekeeper 8(11):
 12, 1945.
 Slate, Conn. R. f. 1944/45:16.
 Stiles, Okla. Ext. C. 223 rev.:11,26,
 1946?

**FUMIGANTS - CALCIUM CYANIDE -
 ANTIDOTE**
 Dustan, Can. Dept. Agr. Div. Ent.
 Processed Pub. 69:4, 1947.

**FUMIGANTS - CALCIUM CYANIDE -
 HAZARDS & SAFEGUARDS**
 Stiles, Okla. Ext. C. 223 rev.:11, 1946?

**FUMIGANTS - CALCIUM CYANIDE (CY-
 ANOGAS G)**
 Connole et al., N. Y. (C.) B. 841:34,
 37-39, 1947.

**FUMIGANTS - CALCIUM CYANIDE
 (GRANULAR)**
 i Lange, Spreckels Sugar Beet Bul. 9:
 24, 1945.
 Wildon et al., Mich. Ext. B. 270:34;
 271:49-50, 1945.

**FUMIGANTS - CALCIUM CYANIDE SO-
 LUTIONS**
 i Robbie, J. Ec. Ent. 39:400-402, 1946

**FUMIGANTS - CARBON DIOXIDE. see
 FUMIGANTS - ETHYLENE
 OXIDE & CARBON DIOXIDE; FU-
 MIGANTS - METHYL BROMIDE &
 CARBON DIOXIDE; FUMIGANTS -
 METHYL FORMATE & CARBON
 DIOXIDE**

FUMIGANTS - CARBON DISULFIDE
 Ahlgren, N. J. B. 724:25-26, 1946.
 Annand, USDA EPQ R. f. 1946/47:58.
 Arrington, U. S. Dept. Com. Indus.
 Ref. Serv. Pt. 2,4(36):1-3, 1946.
 Back, USDA Leaf. 147 rev.:8, 1946.
 Back, USDA Leaf. 145 rev.:8, 1947.

FUMIGANTS - CARBON DISULFIDE--
Continued.

- Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:32, 1947.
Cummings, Amer. Nurserym. 86(6): 14, 1947.
Fisher, Food Indus. 17:1176, 1945.
Fisher, Bakers' Helper, 86(1071):55, 1946.
Gray, Feedstuffs 19(13):19, 1947.
Hamner, Miss. Farm Res. 10(9):8, 1947.
Howard, Better Homes & Gard. 25(9). 219, 1947.
Howard et al., Misc. Pub. 526 rev.:9-10, 1945.
Jennings, R. I. Misc. Pub. 26:16-17, 1945.
Kulash, N. C. Res. & Farm. 5 (Prog. R. 3):7; 6 (Prog. R. 3):7, 1947.
Lange, Spreckels Sugar Beet Bul. 9: 24, 1946.
Lehker, Ind. Ext. B. 239 rev. 15, 1947.
Lincoln, Ark. Ext. C. 362 rev.:12,17, 1945.
Mackie, Cal. B. 696:45, 1946.
Michelbacher, Pest Control & Sanit. 1(11):13-14, 1946.
b Miller, Amer. Dietetic Assoc. J. 21. 516-517, 1945.
Mote, Oreg. C. Inform. 388:1, 1946.
Mote et al., Oreg. Ext. B. 676:6, 1947.
Muma, Neb. Ext. C. 1537:6, 1946.
Musser et al., S. C. Ext. C. 301:32, 1947.
Newhall, Soil Sci. 61:71,81, 1946.
Parks & King, Ohio Ext. B. 76 rev.: 61, 1947.
Richards & Conklin, N. H. Ext. Folder 14:9, 1946.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed. r:101, 1947.
Schwardt, N. Y. (C.) R. 57:124, 1945.
Sherwood & Bishop, W. Va. Ext. C. 325 rev.:9, 1945.
Shoemaker, Veg. Grow.:445, 1947.
Stiles, Okla. Ext. C. 223 rev.:5,23,26, 1946?
Swanson, U. S. Livestock Sanit. Assoc. P. 50:95, 1947.
Talbert, Gen. Hort.:343-344, 1946.
Tissot, Fla. Grow. 54(1):17, 1946.
Wildon et al., Mich. Ext. B. 269:26, 270:34; 271:49, 1945.
Wilson, Fla. St. Hort. Soc. P. 59:105, 1946.
Va. Ext. B. 97 rev.:40-41, 1947.
FUMIGANTS - CARBON DISULFIDE, see also FUMIGANTS - HYDROCYANIC ACID & CARBON DISULFIDE; FUMIGANTS - CARBON TETRACHLORIDE & CARBON DISULFIDE & SULFUR DIOXIDE
FUMIGANTS - CARBON DISULFIDE - HAZARDS & SAFEGUARDS
Mfg. Chem. Assoc. U. S. Chem. Safety Data Sheet SD-12,12 p., 1947.
FUMIGANTS - CARBON DISULFIDE - TESTS
b1 Sun, Minn. TB 177:15,17,19-21,24-40,42-43,45-48,50-51,54-57,60-62,64, 66-68,70-71,74-76,78,80-83,89, 1947.

FUMIGANTS - CARBON DISULFIDE & CARBON TETRACHLORIDE

- Balzer & Cotton, USDA FB 1906 rev. 8, 1947.
Gray, Mill. & Feed 26(11):8, 1946.
Gray, Northw. Mill. Mill. Prod. Sect. 229(10):3a, 1947.
Mallis, Pest Control & Sanit. 1(7):24, 1946.
Osorio, Control de Plagas 8:132-133, 135-136, 1946.
Patel, Cornell Univ. Abs. Theses f. 1945:148-151, 1946.
Shed & Walkden, USDA C. 760.27, 1947.
Va. Ext. B. 97 rev.:41, 1947.
FUMIGANTS - CARBON DISULFIDE MIXTURES
Cotton et al., USDA C. 720:11, 1945.
FUMIGANTS - CARBON TETRACHLORIDE
Cotton, USDA YB f. 1943/47:876.
Cotton et al., USDA C. 720.11, 1945.
Gray, Mill. & Feed 26(11):8, 1946.
Gray, Feedstuffs 19(13):20, 1947.
Gray, Northw. Mill. Mill. Prod. Sect. 229(10).3a, 1947.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20.25, 1945
Miller, Amer. Feed & Grain Dealer 30(11):9, 1946.
Richardson, J. Ec. Ent. 38:478-480, 1945; 39:598-607, 1946.
Richardson, Iowa R. f. 1945/46 pt. 1. 225-226, pt. 2:56-57, f. 1946/47 pt. 1.199-200.
Richardson & Walkden, J. Ec. Ent.38 475-477, 1945.
Shedd & Walkden, USDA C. 760 27, 1947.
Shepard, Pests 14(11).22, 1946.
Stiles, Okla. Ext. C. 223 rev.:5-6, 1946?
Sun, Minn. TB 177.70-71.73-74, 1947.
FUMIGANTS - CARBON TETRACHLORIDE, see also FUMIGANTS - ACRYLONITRILE & CARBON TETRACHLORIDE; FUMIGANTS - CARBON DISULFIDE & CARBON TETRACHLORIDE; FUMIGANTS - ETHYLENE DIBROMIDE & CARBON TETRACHLORIDE; FUMIGANTS - CHLORACRYLONITRILE & TRICHLOROBUTYRONITRILE & CARBON TETRACHLORIDE, FUMIGANTS - DICHLORONITROETHANE & CARBON TETRACHLORIDE; FUMIGANTS - DICHLOROPROPENE & CARBON TETRACHLORIDE; FUMIGANTS - ETHYLENE DIBROMIDE & CARBON TETRACHLORIDE; FUMIGANTS - ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE; FUMIGANTS - METHYL BROMIDE & CARBON TETRACHLORIDE; FUMIGANTS - METHYL BROMIDE & ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE; FUMIGANTS - METHALLYL CHLORIDE & CARBON TETRACHLORIDE

- FUMIGANTS - CARBON TETRACHLORIDE - ABSORPTION BY WHEAT**
bi Pepper et al., J. Ec. Ent. 40:64-73, 1947.
- FUMIGANTS - CARBON TETRACHLORIDE - EFFECT ON GERMINATION OF SEED CORN**
Richardson, J. Ec. Ent. 39:605-606, 1946.
- FUMIGANTS - CARBON TETRACHLORIDE - HAZARDS & SAFEGUARDS**
Mfg. Chem. Assoc. U. S. Chem. Safety Data Sheet SD-3, 11 p., 1946.
- FUMIGANTS - CARBON TETRACHLORIDE & CARBON DISULFIDE & SULFUR DIOXIDE (WEEVIL-CIDE)**
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:25, 1945.
- FUMIGANTS - CARBON TETRACHLORIDE & CHLOROETHYL FORMATE**
Annand, USDA EPQ R. f. 1946/47:10.
- FUMIGANTS - CARBON TETRACHLORIDE & CHLOROPICRIN**
Balzer & Cotton, USDA FB 1906 rev.: 8, 1947.
Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):15, 1947.
- FUMIGANTS - CARBON TETRACHLORIDE & SPIRITS OF OLEUM**
Richardson, Iowa R. f. 1946/47, pt. 2: 354.
- FUMIGANTS - CARBON TETRACHLORIDE MIXTURES**
Cotton & Walkden, Agr. Chem. 2(1):33, 1947.
- FUMIGANTS - CARBON TETRACHLORIDE MIXTURES - COMPATIBILITY**
Patel, Cornell Univ. Abs. Theses f. 1945:148-151, 1946.
- FUMIGANTS - CHLOREX, see FUMIGANTS - DICHOROETHYL ETHER (CHLOREX)**
- FUMIGANTS - CHLORINATED COMPOUNDS**
bi Carter, J. Ec. Ent. 38:37-38, 1945.
- FUMIGANTS - CHLORO-NITROTOLUENE**
Davis, Pests 14(6):12, 1946.
- FUMIGANTS - CHLOROACRYLONITRILE & TRICHLORO-BUTYRONITRILE & CARBON TETRACHLORIDE**
Cotton, USDA YB f. 1943/47:877.
- FUMIGANTS - CHLORONAPHTHALENE MIXTURES**
Whitcomb & Garland, Mass. B. 428:38, 1945.
- FUMIGANTS - CHLOROPICRIN**
Annand, USDA EPQ R. f. 1943/44:32.
Balzer & Cotton, USDA FB 1906 rev.: 19, 23, 1947.
Christie, USDA PISAE Plant Dis. Rptr. Sup. 170:171-173, 175, 177-178, 181-184, 1947.
Connola et al., N. Y. (C.) B. 841:33-34, 37-39, 1947.
Cotton & Frankenfeld, USDA EPQ E-677:6-7, 1945.
i Cotton et al., USDA C. 720:9-10, 48-51, 1945.
Cummings, Amer. Nurserym. 86(6): 14, 1947.
- FUMIGANTS - CHLOROPICRIN--Continued.**
Durham, Amer. Mill. 75(4):42-43, 1947.
Durham, Assoc. Oper. Mill. B., Oct. 1947:1626.
Fisher, Food Indus. 17:1177, 1945.
Gray, Can. Food Packer 17(12):29, 1946.
Gray, Mill. & Feed 26(11):8, 1946.
Gray, Feedstuffs 19(13):20, 1947.
Gray, Northw. Mill. Mill. Prod. Sect. 229(10):3a, 24a, 1947.
Gray, Pests 15(8):14, 1947.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:25, 1945.
Hammond, Ent. Soc. Ont. R. 75:8-10, 1945, 77:14-19, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:10-11, 1945.
i Howland, Better Homes & Gard. 25 (6):27, 1947.
Innis, Spelden & Co., How to Do Soil Fumigation with Larvacide (Chloropicrin) ed. 2, 16 p., 1947?
Johnson, Amer. Mill. 73(4):59, 61-62, 1945.
i Johnson, Amer. Mill. 74(4):48, 63, 1946; 75(4):62, 64, 1947.
Mackie, Cal. B. 696:46, 1946.
Miller, Amer. Feed & Grain Dealer 30(11):9, 1946.
Newhall, Soil Sci. 61:70-72, 76-77, 81, 1946.
Newhall, Agr. Chem. 2(8):30, 1947.
Shear, Va. R. f. 1946/47:40.
Skovholt & Hanschka, Cracker Baker 35(12):37, 1946.
Smallman, Wallerstein Lab. Commun. 8:164-165, 1945.
Sun, Minn. TB 177:71, 73-74, 78, 1947.
Swanback & Anderson, Conn. B. 493: 29-30, 1946.
Wilson, Fla. St. Hort. Soc. P. 59:105, 1946.
Winburn, Northw. Mill. Mill. Prod. Sect. 231(2):11a, 14a, 1947.
- FUMIGANTS - CHLOROPICRIN, see also FUMIGANTS - CARBON TETRACHLORIDE & CHLOROPICRIN**
- FUMIGANTS - CHLOROPICRIN - DISPERSION IN SOIL**
bi Schmidt, J. Ec. Ent. 40:832-837, 1947.
- FUMIGANTS - CHLOROPICRIN - EFFECT ON PEACH TREES**
Taylor & McBeth, Assoc. South. Agr. Workers P. 44:187, 1944. (Abs.)
- FUMIGANTS - CHLOROSOL, see ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE (CHLOROSOL)**
- FUMIGANTS - CYANIDES**
Annand, USDA EPQ R. f. 1945/46:16.
Armitage, J. Ec. Ent. 40:869, 1947.
i Chadwick, Home Gard. (N. Y.) 5(1): 59-60, 1945.
- FUMIGANTS - CYANIDES, see also FUMIGANTS - CALCIUM CYANIDE; FUMIGANTS - CYANOGAS; FUMIGANTS - HYDROCYANIC ACID; FUMIGANTS - SODIUM CYANIDE**

- FUMIGANTS - CYANOGAS**
 Chabot, Flower Grow. 34:42, 1947.
 Wilson, Fla. St. Hort. Soc. P. 59:105, 1946.
- FUMIGANTS - DD MIXTURE, see FUMIGANTS - DICHLOROPROPANE & DICHLOROPROPENE**
- FUMIGANTS - DDT**
 Chisholm et al., USDA EPQ E-696, 3 p., 1946.
 Young, USDA EPQ E-662:7,13, 1945.
- FUMIGANTS - DICHLOROETHYL ETHER**
 Bohart, Hilgardia 17:295,300-302, 1947.
 Chandler, J. Ec. Ent. 39 666-667, 1946.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 11, 1947.
 Ritcher, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:85, 1947.
 Snapp, J. Ec. Ent. 38:417-418, 1945.
 Snapp, Ill. St. Hort. Soc. Trans. 79 382-385, 1946.
 Snapp, Hoosier Hort. 29:25-27, 1947.
 Steiner, Pa. St. Hort. Assoc. P. 87 90, 1946.
 Wilson, Fla. St. Hort. Soc. P. 59 105-106, 1946.
- FUMIGANTS - DICHLOROETHYL ETHER (CHLOREX)**
 Magie & Mundinger, N. Y. (G.) Farm Res. 12(2):12, 1946.
- FUMIGANTS - DICHLOROETHYL ETHER EMULSION**
 Annand, USDA EPQ R. f. 1945/46:15.
 Snapp, Tenn. St. Hort. Soc. P. 41:27-28, 1947.
- FUMIGANTS - DICHLORONITROETHANE**
 Annand, USDA EPQ R. f. 1946/47:6.
- FUMIGANTS - DICHLORONITROETHANE (ETHIDE)**
 Richardson, J. Ec. Ent. 38:478-480, 1945.
 Sun, Minn. TB 177 78, 1947.
- FUMIGANTS - DICHLORONITROETHANE & CARBON TETRACHLORIDE**
 Cotton, USDA YB f. 1943/47 877.
 Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):15, 1947.
- FUMIGANTS - DICHLOROPROPANE**
 Annand, USDA EPQ R. f. 1944/45:20.
 Baerg & Lincoln, Ark. Ext. Leaf. 91:6, 1947.
 Lange, Agr. Chem. 2(9):23, 1947.
 Richardson, Iowa R. f. 1946/47 pt. 2:353.
 Sun, Minn. TB 177:71,73-74, 1947.
- FUMIGANTS - DICHLOROPROPANE - TOXICITY TO LABORATORY ANIMALS**
 bi Highman & Heppel, Arch. Path. 42:525-534, 1946.
- FUMIGANTS - DICHLOROPROPANE & DICHLOROPROPENE**
 Annand, New Internatl. YB 1944:295, 1945.
 Annand, USDA EPQ R. f. 1943/44:14, 17; f. 1945/46:38; f. 1946/47:6-7.
 Armitage, Cal. Dept. Agr. B. 33:242, 1945.
 Armstrong, S. C. R. 58:49-50, 1946.
 Balch, Amer. Nurserym. 84(6):11, 1946.
- FUMIGANTS - DICHLOROPROPANE & DICHLOROPROPENE--Continued.**
 Carter, Hawaiian Acad. Sci. P. 20:8, 1945. (Abs.)
 bi Carter, J. Ec. Ent. 38:38-44, 1945.
 i Clark, Sci. News Let. 50 234-235, 1946.
 Cory, Amer. Nurserym. 85(7):9, 1947.
 i Crane, Spreckels Sugar Beet Bul. 9 12-13, 1946.
 Creighton, Fla. St. Hort. Soc. P. 60 215, 1947.
 Cummings, Amer. Nurserym. 86(6):13-14, 1947.
 Davis, Pests 14(6):12, 1946.
 Gaddis, Agr. Chem. 1(2):55, 1946.
 Gardiner, Can. Min. Agr. R. f. 1946/47:87.
 Greenwood, Conn. B. 501:96, 512 56, 1946.
 Hammond, Ent. Soc. Ont. R. 77.15-18, 1947.
 Haystead, Fortune 32(4):180, 1945.
 i Howland, Better Homes & Gard. 25 (6):27, 1947.
 Jacobs, Chem. & Engin. News 25:2713, 1947.
 b Lange, J. Ec. Ent. 38:643-645, 1945.
 Lange, Spreckels Sugar Beet Bul. 9. 23, 1945.
 Lange, Agr. Chem. 2(9) 23-24, 1947.
 Lange, Cal. Agr. 1(12):1, 1947.
 Lange, Spreckels Sugar Beet Bul. 11. 1,6, 1947.
 Long et al., Wash. B. 482:96-97, 1946.
 Mitchel, Creamery Coop., Mar. 1946 20,24, 1946.
 Newhall, Soil Sci. 61 71-73,76-77,81, 1946.
 Newhall, Agr. Chem. 2(8):31, 1947.
 Newhall, N. Y. St. Flower Grow. B. 20:2, 1947.
 i Pyenson, Flower Grow. 33:200, 1946.
 Ritcher, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.85, 1947.
 Salter, USDA PISAE R. f. 1945/46:47; f. 1946/47:49.
 Schmidt, Hawaiian Acad. Sci. P. 20:8, 1945. (Abs.)
 bi Schmidt, J. Ec. Ent. 40:834-837, 1947.
 Slate, Conn. R. f. 1944/45:15. f. 1945/46:7.
 Trullinger et al., USDA OES R. f. 1945/46:115-116, 1947.
 Watson, Cit. Indus. 26(11):21, 1945.
 White, USDA YB f. 1943/47:669.
 White, Amer. Nurserym. 81(6):31, 1945.
 Wolcott, Sugar J. 10(6):18, 1947.
 Wolfenbarger, Fla. R. f. 1946/47:249.
 Wolfenbarger, Fla. St. Hort. Soc. P. 60:116-121, 1947.
- FUMIGANTS - DICHLOROPROPANE & DICHLOROPROPENE (DOWFUMEN)**
 Christie, USDA PISAE Plant Dis. Rptr. Sup. 170:171-178,181-182,184, 187-189, 1947.
 Fletcher, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:55, 1946.

FUMIGANTS - DICHLOROPROPANE EMULSION

- Hibbard, Mo. St. Hort. Soc. Hort. News 5(11):4, 1946.
- Lyle, Miss. Farm Res. 10(11):1,8, 1947.
- Ragland & Overcash, Miss. Farm Res. 10(12):6-7, 1947.
- Snapp, J. Ec. Ent. 38:419-422, 1945.
- Snapp, Tenn. St. Hort. Soc. P. 41:32-33, 1947.
- Snapp, USDA EPQ E-676,3 p., 1945.
- Snapp, Amer. Fruit Grow. 67(2):7, 1946.

FUMIGANTS - DICHLOROPROPENE, see also FUMIGANTS - DICHLOROPROPANE & DICHLOROPROPENE

- FUMIGANTS - DICHLOROPROPENE & CARBON TETRACHLORIDE
- Richardson, Iowa R. f. 1946/47 pt. 2: 353.

- FUMIGANTS - DICHLOROPROPENE & SPIRITS OF OLEUM
- Richardson, Iowa R. f. 1946/47 pt. 2: 354.

FUMIGANTS - DICHLOROPROPYLENE, see FUMIGANTS - DICHLOROPROPENE

- FUMIGANTS - DOSAGES
- Blauvelt, N. Y. St. Flower Grow. B. 19:11, 1947.
- Monro & Delisle, Sci. Agr. 25:813, 1945.

FUMIGANTS - DOWFUME EB-5, see FUMIGANTS - ETHYLENE DIBROMIDE MIXTURES (DOWFUME EB-5)

- FUMIGANTS - DOWFUME G, see FUMIGANTS - METHYL BROMIDE (DOWFUME G)

FUMIGANTS - DOWFUME N, see FUMIGANTS - DICHLOROPROPANE & DICHLOROPROPENE (DOWFUME N)

- FUMIGANTS, DOWFUME W-10, see FUMIGANTS - ETHYLENE DIBROMIDE (DOWFUME W-10)

FUMIGANTS - ETHIDE, see FUMIGANTS - DICHLORONITROETHANE (ETHIDE)

- FUMIGANTS - ETHYL BROMIDE
- Anderson, Tenn. St. Hort. Soc. P. 40: 113-114, 1946.

FUMIGANTS - ETHYL FORMATE

- Fisher, Food Indus. 17:1178, 1945.
- Gray, Can. Food Packer 17(12):29, 1946.
- Simmons & Fisher, J. Ec. Ent. 38:715-716, 1945.

FUMIGANTS - ETHYLENE BROMIDE & PAINT THINNER

- Lane et al., Wash. B. 482:97, 1946.

FUMIGANTS - ETHYLENE DIBROMIDE

- Annand, USDA EPQ R. f. 1945/46:15; f. 1946/47:6-7,24-25,58.
- Christie, USDA PISAE Plant Dis. Rptr. Sup. 170:171-172,175,177-178, 181-184,187-188, 1947.

- Crane, Spreckels Sugar Beet Bul. 9: 12-13, 1946.

- Creighton, Fla. St. Hort. Soc. P. 60: 215, 1947.

FUMIGANTS - ETHYLENE DIBROMIDE --Continued.

- Gardiner, Can. Min. Agr. R. f. 1946/47:87.

- Hammond, Ent. Soc. Ont. R. 77:15-18, 1947.

- i Howland, Better Homes & Gard. 25 (6):27, 1947.

- Jacobs, Chem. & Engin. News 25:2713, 1947.

- b Lange, J. Ec. Ent. 38:643-645, 1945.

- Lange, Agr. Chem. 2(9):23, 1947.

- Lange, Cal. Agr. 1(12):1, 1947.

- Lange, Spreckels Sugar Beet Bul. 11: 1,6, 1947.

- b Lindgren & Gerhardt, J. Ec. Ent. 40: 680-682, 1946.

- Mason & Chisholm, J. Ec. Ent. 38:717-718, 1945.

- Newhall, Agr. Chem. 2(8):31, 1947.

- Newhall, N. Y. St. Flower Grow. B. 20:2, 1947.

- Salter, USDA PISAE R. f. 1946/47:49.

- Steinweden, Cal. Dept. Agr. B. 34:176, 1946.

- Trullinger et al., USDA OES R. f. 1945/46:115-116, 1947.

- Wolcott, Sugar J. 10(6):18, 1947.

- Wolfenbarger, Fla. R. f. 1946/47:249.

FUMIGANTS - ETHYLENE DIBROMIDE, see also FUMIGANTS - CHLOR-

DANE & ETHYLENE DIBROMIDE;

FUMIGANTS - ETHYLENE DI-

CHLORIDE & CARBON TETRA-

CHLORIDE & ETHYLENE DIBRO-

MIDE; FUMIGANTS - HYDROCY-

ANIC ACID & ETHYLENE DIBRO-

MIDE

FUMIGANTS - ETHYLENE DIBROMIDE

(DOWFUME W10)

- Fletcher, Amer. Assoc. Econ. Ent. N.

- Cent. Sts. Branch P. 25:55, 1946.

- i Whitlock, Dow Diamond 9(2):22-25, 1946.

- Wolfenbarger, Fla. St. Hort. Soc. P. 60:116-119,121, 1947.

FUMIGANTS - ETHYLENE DIBROMIDE

(ISCOBROME D)

- Greenwood, Conn. B. 512:56, 1946.

FUMIGANTS - ETHYLENE DIBRO-

MIDE & CARBON TETRACHLO-

RIDE

- Cotton, USDA YB f. 1943/47:877.

- Dorman, Miss. R. 59:27, 1947?

- Richardson, Iowa R. f. 1946/47 pt. 2: 353.

- Shedd & Walkden, USDA C. 760:27, 1947.

FUMIGANTS - ETHYLENE DIBRO-

MIDE & ETHYLENE DICHLORIDE

- Chisholm et al., USDA EPQ E-694, 2 p., 1946.

- Gambrell et al., N. Y. (G.) R. 64:37, 1946; 65:22, 1947.

FUMIGANTS - ETHYLENE DIBRO-

MIDE & SPIRITS OF OLEUM

- Richardson, Iowa R. f. 1946/47 pt. 2: 354.

FUMIGANTS - ETHYLENE DIBROMIDE

MIXTURES

- Slate, Conn. R. f. 1945/46:7.

FUMIGANTS - ETHYLENE DICHLORIDE
 Armstrong, Can. Dept. Agr. Div. Ent. Processed Pub. 34,3 p., 1945.
 Baerg & Lincoln, Ark. Ext. Leaf. 91: 4-6, 1947.
 Chandler, Ill. Fruit Exch. News 11(8): 3, 1947.
 Cummings, Amer. Nurserym. 86(6) 14, 1947.
 Filing, Kans. C. 235:29,45, 1946.
 Firor, Ga. Ext. B. 518 rev.:10, 1946.
 Hines & Murphree, Miss. Ext. C. 114 rev.:5, 1947.
 Howard et al., USDA Misc. Pub. 526 rev.:13, 1945.
 Lange, Agr. Chem. 2(9):23, 1947.
 Newhall, Soil Sci. 61:73,76-77,81, 1946.
 Porter, Amer. Fruit Grow. 67(1):19, 1946.
 Porter, Pa. St. Hort. Assoc. P. 87,91, 1946.
 Richardson, J. Ec. Ent. 38:478-480, 1945.
 Richardson, Iowa R. f. 1945/46 pt. 2: 57.
 b Richardson, J. Ec. Ent. 39:598-607, 1946.
 Smallman, Wallerstein Lab. Commun. 8:165, 1945.
 Smith & Brunson, Ind. B. 510:14, 1947. (Repr.)
 Smith & Veerhoff, J. Ec. Ent. 40:588, 1947.
 Snapp, J. Ec. Ent. 38:419-422, 1945.
 Sun, Minn. TB 177:71,73-74, 1947.
FUMIGANTS - ETHYLENE DICHLORIDE, see also FUMIGANTS - ETHYLENE DIBROMIDE & ETHYLENE DICHLORIDE; FUMIGANTS - METHYL BROMIDE & ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE
FUMIGANTS - ETHYLENE DICHLORIDE - HAZARDS & SAFEGUARDS
 Mfg. Chem. Assoc. U. S. Chem. Safety Data Sheet SD-18,12 p., 1947.
FUMIGANTS - ETHYLENE DICHLORIDE - REDUCED CONCENTRATIONS
 Smith, J. Ec. Ent. 38:500-501, 1945.
FUMIGANTS - ETHYLENE DICHLORIDE - TOXICITY
 b Heppel et al., J. Indus. Hyg. 27:15-21, 1945.
FUMIGANTS - ETHYLENE DICHLORIDE - TOXICITY TO LABORATORY ANIMALS
 b Heppel et al., J. Indus. Hyg. & Toxicol. 28:113-120, 1946.
 b Heppel et al., J. Pharm. & Expt. Ther. 91:385-394, 1946.
FUMIGANTS - ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE
 Annand, USDA EPQ R. f. 1945/46:15.
 Balzer & Cotton, USDA FB 1906 rev.: 8-9, 1947.
 Cotton, USDA YB f. 1943/47:876.
 Cotton et al., USDA C. 720:10, 1945.
 Gray, Can. Food Packer 17(12):29, 1946.
 Gray, Mill. & Feed 26(11):8, 1946.

FUMIGANTS - ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE --Continued.
 Gray, Feedstuffs 19(13):19-20, 1947.
 Gray, Northw. Mill. Prod. Sect. 229(10):3a, 1947.
 Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):15, 1947.
 b Richardson, J. Ec. Ent. 39:598-607, 1946.
 Richardson & Walkden, J. Ec. Ent. 38: 474-477, 1945.
 Ryan, Home Gard. (N. Y.) 8(6):58, 1946.
 Schwardt, N. Y. (C.) R. 57:124, 1945.
 Shear, Va. R. f. 1946/47:40.
 Shedd & Walkden, USDA C. 760 27, 1947.
 Shepard, Pests 14(11):22, 1946.
 Simmons, Pest Control & Sanit. 2(7): 27, 1947.
 Skovholt & Hanschka, Cracker Baker 35(12):37-38, 1946.
 Stiles, Okla. Ext. C. 223 rev.:6, 1946?
 Stuckey, Ga. R. 59:92-93, 1947.
 Ga. Coastal Plain Mimeo. Paper 43: 1-2, 1945.
FUMIGANTS - ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE & ETHYLENE DIBROMIDE
 Shedd & Walkden, USDA C. 760 27, 1947.
FUMIGANTS - ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE (CHLOROSOL)
 Fisher, Food Indus. 17:1178, 1945.
FUMIGANTS - ETHYLENE DICHLORIDE & ETHYLENE OXIDE (OXY-FUME)
 Fisher, Food Indus. 17:1178, 1945.
FUMIGANTS - ETHYLENE DICHLORIDE & SUPERPHOSPHATE (GRANULATED)
 Lininger et al., Pa. B. 475:29, 1945.
 Steiner, Pa. St. Hort. Assoc. P. 87: 41-42, 1946.
 Steiner, Mountaineer Grow. 16(161): 9, 1946.
 i Steiner, Pa. B. 480 sup. 1:6-7, 1946.
 Steiner, Hoosier Hort. 29:15-16, 1947.
FUMIGANTS - ETHYLENE DICHLORIDE EMULSION
 Armstrong, Can. Hort. Grow. Ed. 68: 122, 1945.
 Ferguson et al., La. Ext. B. 7:16, 1947. (Repr.)
 Gardiner, Can. Min. Agr. R. f. 1944/45:59; f. 1945/46:17,70.
 Graham et al., Md. Ext. B. 105:24-25, 1945; 112:32-33, 1946.
 Lecrone, Okla. Ext. C. 108 rev.:10, 1946.
 Lyle, Miss. Farm Res. 8(9):8, 1945.
 b Marcovitch & Stanley, Tenn. B. 195: 18-19, 1945.
 Neiswander, Ohio B. 659:108-109, 1945.
 b Rice & MacCreary, Del. B. 261:5-21, 1945.
 Sherwood, W. Va. Ext. C. 320 rev.:65, 1946.
 Snapp, Amer. Fruit Grow. 67(2):7, 1946b.

FUMIGANTS - ETHYLENE DICHLORIDE EMULSION--Continued.

Ragland & Overcash, Miss. Farm Res. 10(12):6-7, 1947.

Rice & Wolfenbarger, Del. B. 259:20, 1945.

Rosborough et al., Tex. Ext. B. 73 rev.:14-16, 1947.

i Talbert, Gen. Hort.:189, 1946.

i Talbert, Mo. B. 509:27-29, 1947.

Wallace, Conn. B. 501:87-89, 1946.

Witman, Amer. Fruit Grow. 67(8):37, 1947.

Ohio B. 655:58-59, 1945; 670:58-59, 1947.

Va. Ext. B. 131 rev. 23:24, 1947.

FUMIGANTS - ETHYLENE DICHLORIDE MIXTURES

Annand, USDA EPQ R. f. 1945/46:15.

FUMIGANTS - ETHYLENE OXIDE

Balzer & Cotton, USDA FB 1906 rev.: 22-23, 1947.

FUMIGANTS - ETHYLENE OXIDE, see also FUMIGANTS - ETHYLENE DICHLORIDE & ETHYLENE OXIDE

FUMIGANTS - ETHYLENE OXIDE & CARBON DIOXIDE

Garner, Prod. of Tob.:299-300, 1946.

Gray, Can. Food Packer 17(12):29, 1946.

Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Stored & Mfd. Tob.:3, 1947.

FUMIGANTS - ETHYLENE OXIDE & CARBON DIOXIDE MIXTURES

Fisher, Food Indus. 17:1176-1177, 1946.

FUMIGANTS - ETHYLENE OXIDE MIXTURES

Fisher, Food Indus. 17:1176-1178, 1945.

FUMIGANTS - FULEX

English, South. Flor. 59(46):52-53, 1947.

FUMIGANTS - FULEX PASTE, see FUMIGANTS - AZOBENZENE & FULEX PASTE; FUMIGANTS - BENZENE HEXACHLORIDE & FULEX PASTE

FUMIGANTS - GASOLINE

Price, Ky. Ext. C. 437:8, 1947.

FUMIGANTS - HETP, see FUMIGANTS - HEXAETHYL TETRAPHOSPHATE

FUMIGANTS - HAZARDS & SAFEGUARDS

Cottor & Walkden, Agr. Chem. 2(1):35, 1947.

Newhall, Soil Sci. 61:75-76, 1946.

Richardson, J. Ec. Ent. 39:604-605, 1946.

Natl. Safety Council, Cal. Citrog. 31: 382-383, 1946.

i Natl. Safety Council, Natl. Safety Rev. 4(2):5, 1946.

FUMIGANTS - HEXACHLOROETHANE

Donohoe, Pests 15(10):38, 1947.

FUMIGANTS - HEXAETHYL TETRA- PHOSPHATE

Blauvelt, N. Y. St. Flower Grow. B. 19: 15-16, 1947.

FUMIGANTS - HEXAETHYL TETRA- PHOSPHATE - HAZARDS & SAFE- GUARDS

Blauvelt & Hoffman, N. Y. St. Flower Grow. B. 19:14, 1947.

FUMIGANTS - HEXAETHYL TETRA- PHOSPHATE, see also FUMI- GANTS - AZOBENE & HEXA- ETHYL TETRAPHOSPHATE

FUMIGANTS - HYDROCYANIC ACID

Annand, USDA EPQ R. f. 1944/45:6; f. 1945/46:20,40; f. 1946/47:7,24,44.

Armitage, Cal. Dept. Agr. B. 33:237, 1945.

Armitage & Steinweden, Cal. Dept. Agr. B. 35:21,23,28-29, 1946.

Caryl & Johnston, Cal. Ext. C. 114 rev.:42-43, 1946.

Chapman, Amer. Mill. 73(4):48, 1945; 75(4):60,62, 1947.

i Cotton et al., USDA C. 720:31-45, 1945.

Durham, Amer. Mill. 65(4):42-43, 1947.

Durham, Assoc. Oper. Mill. B. Oct. 1947:1626.

Ebeling, Cal. Ext. C. 43 rev.:49-50, 1947.

Fisher, Food Indus. 17:1176, 1945.

Fulton & Nelson, Cal. Citrog. 31:154, 166-167, 1946; 32:30-31, 1946.

Garner, Prod. of Tob.:298-300, 1946.

Gray, Can. Food Packer 17(12):29, 1946.

Gray, Pests 15(8):14, 1947.

Jacobs, Chem. & Engin. News 25: 2712, 1947.

Gunn et al., Pests 15(9):8,10, 1947.

Lincoln, Ark. Ext. C. 362 rev.:18-19, 1945.

b Lindgren & Dickson, J. Ec. Ent. 38: 296-299, 1945.

Lindgren & Dickson, Cal. Citrog. 31: 418,448-449, 1946.

Lindgren & Dickson, Cit. Leaves 26 (8):8-9,31-32, 1946.

b Lindgren & Gerhardt, J. Ec. Ent. 40: 680-682, 1946.

Robbie & Leinfelder, J. Indus. Hyg. & Toxicol. 27:136-139, 1945.

Shoemaker, Veg. Grow.:449, 1947.

Skovholt & Hanschka, Cracker Baker 35(12):37, 1946.

Small, Wallerstein Lab. Commun. 8: 164, 1945.

Snyder, Amer. J. Pharm. 118(1):20, 1946.

Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 33:2-3, 1945.

Winburn, Northw. Mill. Mill. Prod. Sect. 231(2):11a,14a, 1947.

b Yust et al., J. Ec. Ent. 39:822-823, 1946.

i Life 23(25):31, 1947.

Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Stored & Mfd. Tob.:3, 1947.

i U. S. War Dept. TM 5-632 (PB-2435): 39,44-45,95-101,103, 1945.

- FUMIGANTS - HYDROCYANIC ACID - CONCENTRATION**
b Yust et al., J. Ec. Ent. 40:869-874, 1947.
- FUMIGANTS - HYDROCYANIC ACID - DETERMINATION**
Fulton & Van Dyke, Anal. Chem. 19: 922-923, 1947.
- FUMIGANTS - HYDROCYANIC ACID - EXPOSURE**
b Yust et al., J. Ec. Ent. 40:869-874, 1947.
- FUMIGANTS - HYDROCYANIC ACID (GAS) - RESISTANT INSECTS**
Dickson & Lindgren, Cal. Citrog. 32: 542-543, 1947.
Dickson & Lindgren, Cit. Leaves 27 (10):7,34, 1947.
- FUMIGANTS - HYDROCYANIC ACID - SORPTION BY PUPAE**
Lindgren & Sinclair, J. Ec. Ent. 38: 617, 1945.
- FUMIGANTS - HYDROCYANIC ACID & CARBON DISULFIDE**
Garner, Prod. of Tob. 300, 1946.
- FUMIGANTS - HYDROCYANIC ACID & ETHYLENE DIBROMIDE**
Lindgren & Gerhardt, J. Ec. Ent. 40: 681-682, 1947.
- FUMIGANTS - HYDROCYANIC ACID & METHYL BROMIDE**
Winburn, Northw. Mill. Mill. Prod. Sect. 231(2):11a, 1947.
- FUMIGANTS - HYDROCYANIC ACID (DISCOIDS)**
Dews & Morrill, J. Ec. Ent. 39:350, 353,355, 1946.
Gray, Pests 15(8):14, 1947.
i Hulnirt, Pest Control & Sanit. 1(6): 14-16, 1946.
- FUMIGANTS - HYDROCYANIC ACID (LIQUID)**
Balzer & Cotton, USDA FB 1906 rev.. 13-14,19-21,23, 1947.
Langhorst, Agr. Chem. 2(4):30-32, 1947.
Parker et al., Man. for Cit. Grow. ed. 3:39, 1947.
i Pencille, Pest Control & Sanit. 2(8): 10-12, 1947.
Rohwer, Pest Control & Sanit. 2(8):23, 1947.
Steinweden, Cal. Dept. Agr. B. 35:207, 1946.
- FUMIGANTS - HYDROGEN CYANIDE, see FUMIGANTS - HYDROCYANIC ACID**
- FUMIGANTS - HYPOZENE, see FUMIGANTS - AZOBENZENE (HYPOZENE)**
- FUMIGANTS - ISCOBROME D, see FUMIGANTS - ETHYLENE DIBROMIDE (ISCOBROME D)**
- FUMIGANTS - ISOPROPYL FORMATE**
Cotton, USDA YB f. 1943/47:878.
Fisher, Food Indus. 17:1178, 1945.
Simmons & Fisher, J. Ec. Ent. 38:716, 1945.
- FUMIGANTS - METHALLYL CHLORIDE**
Annand, USDA EPQ R. f. 1946/47:10.
- FUMIGANTS - METHALLYL CHLORIDE & CARBON TETRACHLORIDE**
Patel, Cornell Univ. Abs. Theses f. 1945:148-151, 1946.
- FUMIGANTS - β -METHALLYL CHLORIDE**
Richardson, J. Ec. Ent. 38:478-480, 1945.
b Richardson & Walkden, J. Ec. Ent. 38:471-477, 1945.
- FUMIGANTS - β -METHALLYL CHLORIDE & CARBON TETRACHLORIDE**
Cotton, USDA YB f. 1943/47:877.
b Richardson & Walkden, J. Ec. Ent. 38:474-477, 1945.
- FUMIGANTS - METHYL ACETATE**
Sun, Minn. TB 177:71,73-74, 1947.
- FUMIGANTS - METHYL BROMIDE**
Annand, USDA EPQ R. f. 1943/44:26, 32, f. 1944/45:6-7,52; f. 1945/46: 19-20; f. 1946/47:24,58-59.
Armitage, Cal. Dept. Agr. B. 33:231, 241-242, 1945.
Armitage, J. Ec. Ent. 40:868-869, 1947.
b Armitage & Steinweden, Cal. Dept. Agr. B. 34:101-107, 1945; 35:21-29, 1946.
Balzer & Cotton, USDA FB 1906 rev.: 14,17-18,21,23, 1947.
Borg, Food Mater. & Equip. 5(12):14, 1945.
i Borg & Dawson, Amer. Fruit Grow. 65(11):14-15,24,31-32, 1945.
i Bulger, USDA EPQ 690,28 p., 1946.
Christie, USDA PISAE Plant Dis. Rptr. Sup. 170:171-173,175,177-178, 181-184, 1947.
Cory, Amer. Nurserym. 85(7):9, 1947.
Cotton, USDA YB f. 1943/47:876.
i Cotton, Pests 13(2):9-12, 1945.
i Cotton et al., USDA C. 720:45-48,63-67, 1945.
i Dawson, Amer. Mill. 73(6):41-42, 1945.
Dawson, Bakers' Helper 88(1095):46, 1947.
Durham, Assoc. Oper. Mill. B., Oct. 1947:1626.
Durham, Amer. Mill. 75(4):42-43, 1947.
English, Ala. R. 54/55:27, 1946.
English, Amer. Camellia YB 1:40-41, 1946.
English, South. Flor. 59(10):7, 1946.
English & Turnipseed, Ala. C. 93, 24 p., 1946.
Farrar, Flor. Rev. 97:31, 1946.
i Fisher, Food Indus. 17:1177-1178, 1945.
b Goodhue, Iowa St. Col. J. Sci. 19: 258, 1945.
Gray, Can. Food Packer 17(12):29, 1946.
Gunn et al., Pests 15(9):8, 1947.
Hambidge, Harper's Mag. 190:267, 1945.
Hassler, Pest Control & Sanit. 2(7): 16-17, 1947.

FUMIGANTS - METHYL BROMIDE--
Continued.

- Haviland, J. Ec. Ent. 40:417, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:20, 1945.
i Howland, Better Homes & Gard. 25 (6):27, 1947.
Jacobs, Chem. & Engin. News 25:2713, 1947.
Jardine et al., USDA OES R. f.1944/45: 54, 1946.
Johnson et al., USDA EPQ E-711:2-42, 1947.
b Kenworthy & Gaddis, Amer. Soc. Hort. Sci. P. 47:64-66, 1946.
Kulash, N. C. Res. & Farm. 5 (Prog. R. 3):7, 1947.
Lange, Agr. Chem. 2(9):23, 1947.
Latta, J. Ec. Ent. 38:398, 1945.
i Latta et al., USDA C. 745:40 p., 1946.
Mackie, Cal. Dept. Agr. Sp. Pub. 209: 10-13, 1945.
Mackie, Cal. B. 696:46, 1946.
Michelbacher, Pest Control & Sanit. 1(11):14, 1946.
b Miller, Amer. Dietetic Assoc. J. 21: 516-517, 1945.
b Monroe, Can. Ent. 77:193-196, 1945; 79:184-187, 1947.
bi Monroe, Sci. Agr. 27:267-283, 1947.
bi Monroe & Delisle, Sci. Agr. 25:794-816, 1945, abridged in Pests 14(9): 14, 16-17, 20-22, 1946.
Newhall, Soil Sci. 61:74-75, 77, 81, 1946.
Newhall, Agr. Chem. 2(8):30-31, 1947.
Newhall, N. Y. St. Flower Grow. B. 20: 2, 1947.
Newhall & Lear, N. Y. (C.) R. 58:143, 1946.
Osburn, J. Ec. Ent. 38:610, 1945.
Plummer, Amer. Mill. 75(4):58, 1947.
i Richardson, Pests 15(9):20, 22, 1947.
Riedeberg, Peanut J. & Nut World 24 (5):22, 1945.
Schwardt, N. Y. (C.) R. 57:124, 1945.
i Simmons, Adv. Int. Med. 2:238-240, 249, 1947.
Skovholt & Hanschka, Cracker Baker 35(12):37, 1946.
Smallman, Wallerstein Lab. Commun. 8:164-165, 1945.
Snyder, Amer. J. Pharm. 118(1):20, 1946.
Stage & Knipling, Reunion Interamer. del Tifo Pub. Ofic. 1:279-280, 1947.
bi Steinweden, Cal. Dept. Agr. B. 34: 4-14, 1945.
Steinweden, Orchid Digest 9:266, 1945.
Steinweden, Cal. Dept. Agr. B. 34:175-177, 181, 1945; 35:207, 1946.
Stone & LaHue, J. Ec. Ent. 39:581-598, 1946.
Talbert, Gen. Hort.:343, 1946.
Thompson, Can. Dairy & Ice Cream J. 25(5):62, 1946.
Winburn, Northw. Mill. Mill. Prod. Sect. 231(2):11a, 14a, 1947.
Wollenbarger & Westgate, Fla. St. Hort. Soc. P. 59:123-124, 1946.
U. S. War Dept. TB MED 184:3-5, 1945.

- FUMIGANTS - METHYL BROMIDE, see also FUMIGANTS - HYDROCYANIC ACID & METHYL BROMIDE**
FUMIGANTS - METHYL BROMIDE - ADSORPTION
b Balock & Starr, J. Ec. Ent. 38:481-483, 1945.
FUMIGANTS - METHYL BROMIDE - DOSAGES
Latta et al., USDA C. 745:16-17, 21, 1946.
FUMIGANTS - METHYL BROMIDE - HAZARDS & SAFEGUARDS
bi Von Oettingen, U. S. Natl. Inst. Health B. 185:31-41, 1946.
FUMIGANTS - METHYL BROMIDE - TOXICITY
Johnstone, Indus. Med. 14:495-497, 1945.
Munch, Pests 13(7):8, 1945.
b Tourangeau & Plamondon, Can. J. Pub. Health 36:362-367, 1945.
bi Von Oettingen, U. S. Natl. Inst. Health B. 185:41 p., 1946.
FUMIGANTS - METHYL BROMIDE & CARBON DIOXIDE
b Von Oettingen, U. S. Natl. Inst. Health B. 185:4, 39, 1946.
FUMIGANTS - METHYL BROMIDE & CARBON TETRACHLORIDE
Richardson, J. Ec. Ent. 38:478-480, 1945.
FUMIGANTS - METHYL BROMIDE & ETHYLENE DICHLORIDE & CARBON TETRACHLORIDE
English, Ala. R. 54/55:27, 1946.
Hammond, Ent. Soc. Ont. R. 77:15-18, 1947.
FUMIGANTS - METHYL BROMIDE & XYLOL
Hammond, Ent. Soc. Ont. R. 77:15-18, 1947.
FUMIGANTS - METHYL BROMIDE (DOWFUME G)
Farrar, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:53-54, 1946.
Farrar, Flor. Rev. 97:31, 1946.
Fletcher, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:55, 1946.
Haviland, J. Ec. Ent. 40:418, 1947.
Salter, USDA PISAE R. f. 1945/46:47.
Scott, Natl. Chrysanthemum Soc. B. 3(3):20-21, 1947.
FUMIGANTS - METHYL CHLORIDE - TOXICITY TO ANIMALS
b Smith & Oettingen, J. Indus. Hyg. & Toxicol. 29:123-128, 1947.
FUMIGANTS - METHYL FORMATE & CARBON DIOXIDE
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1946, Stored & Mfg. Tob.:3, 1947.
FUMIGANTS - NAPHTHALENE
Bishopp, USDA Leaf. 152 rev.:3-4, 1946.
i Chadwick, Home Gard. (N. Y.) 5(1): 60, 1945.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:67, 71, 1947.
Cotton & Frankenfeld, USDA EPQ E-677:8-9, 1945.

FUMIGANTS - NAPHTHALENE--Continued.

- Howard et al., USDA Misc. Pub. 526 rev.:22-23, 1945.
Jensen & Holdaway, Hawaii R. f. 1942/44:75-76, 1945.
Knight, N. Amer. Glad. Council B., June 1946:12.
Lincoln, Ark. Ext. C. 362 rev.:14, 1945.
McDaniel, Flor. Rev. 98(2534):33, 1946.
Muma, Neb. Ext. C. 1537:6, 1946.
Prather, Better Homes & Gard. 25(9): 111, 1947.
Reed et al., J. Ec. Ent. 40:292, 1947.
Stiles, Okla. Ext. C. 223 rev.:5, 1946?
Trullinger et al., USDA OES R. f. 1945/46:110, 1947.
Whitcomb & Garland, Mass. B. 436: 39, 1946.
Wildon et al., Mich. Ext. B. 271:50, 1945.

FUMIGANTS - NAPHTHALENE (CRUDE)
Lange, Spreckels Sugar Beet Bul. 9: 24, 1945.

FUMIGANTS - NAPHTHALENE (FLAKES)

- Back, USDA Leaf. 145 rev.:6,8, 1947.
Conner & Kulash, N. C. Ext. C. 299.5, 1947.
Dustan, Can. Dept. Agr. Div. Ent. Processed Pub. 69:2-3, 1947.
Gannon, Gladiolus 20:54-55, 1945.
Godfrey, Can. Dept. Agr. Pub. 798 (FB 145):12, 1947.
Granovsky, Minn. Hort. 75:118, 1947.
Kyd, Okla. Ext. C. 454:7, 1947.
McCaughy, Woman's Day 10(8):120, 123, 1947.
McDaniel, Gladiolus 22:42, 1947.
Odell, Gladiolus 20:51, 1945.
Russell, Horticulture 24:198, 1946.
Ryan, Home Gard. (N.Y.) 8(6):57-58, 1946.
Ryan, Maine Glad. Soc. Glad Book f. 1947:31.

Tiemann, Horticulture 23:94, 1945.

FUMIGANTS - NICOTINE

- i Chabot, Flower Grow. 34:41-42, 1947.
i Chadwick, Home Gard. (N. Y.) 5(1): 58-59, 1945.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:34, 1947.
Gardner & Michelbacher, Cal. C. 365: 35-36, 1946.
Gardner et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:25-26, 1945.
Howard et al., USDA Misc. Pub. 526 rev.:25-26, 1945.

FUMIGANTS - NICOTINE SULFATE

- Alp & Pilchard, Ill. Ext. C. 452 rev.: 30, 1946.
Rice, Hawaii Ent. C. 86 rev.:2, 1947.
Clandinin, Alberta Ext. B. 45:53, 1945.
Ogle, Breed. Gaz. 110(6):21, 1945.
i Poult. Council St. Col. Wash., Wash. Ext. B. 370 (Poult. Pointers 34):3-4, 1947.

FUMIGANTS - NITRILES

- Cotton & Walker, J. Ec. Ent. 39:529-531, 1946.

FUMIGANTS - NITRILES, see also FUMIGANTS - ACRYLONITRILE, FUMIGANTS - CHLOROACRYLO-NITRILE, FUMIGANTS - TRI-CHLOROACETONITRILE

FUMIGANTS - ORTHODICHLOROBENZENE

- Kyd, Okla. Ext. C. 454:4, 1947.
Lehker, Ind. Ext. B. 314:7-8, 1947.
Schmitt, N. J. C. 484:10-11, 1946.

FUMIGANTS - ORTHODICHLOROBENZENE MIXTURES

- Schmitt, N. J. C. 484:10-11, 1946.
FUMIGANTS - OXYFUME, see FUMIGANTS - ETHYLENE DICHLORIDE & ETHYLENE OXIDE (OXY-FUME)

FUMIGANTS - PARADICHLOROBENZENE

- Back, USDA Leaf. 145 rev.:6-8, 1947.
i Baerg & Lincoln, Ark. Ext. Leaf. 91 3-5, 1947.
Bruner, Control de Plagas 8:59, 1946.
Concannon, U. S. Bur. Foreign & Dom. Com. Indus. R. Chem. & Allied Prod., Mar. 1946:36.
Connola et al., N. Y. (C.) B. 841:35, 37-39, 1947.
Cotton & Frankendorf, USDA EPQ E-677:8-9, 1945.
Davis, Ind. Ext. Leaf. 121 rev.:2-4, 1947.
Donohoe, Pests 15(10):38, 1947.
Ferguson et al., La. Ext. B. 7:16, 1947. (Repr.)
Fillinger, Kans. C. 235:28,45, 1946.
i Firor, Ga. Ext. B. 518 rev.:8-9, 1946.
Graham et al., Md. Ext. B. 105:24, 1945.
Haviland, J. Ec. Ent. 40:417, 1947.
Hilborn et al., Maine Ext. B. 358 4, 1947.
Hines & Lyle, Miss. Ext. C. 114 rev.: 5, 1946.
Hines & Murphree, Miss. Ext. C. 114 rev.:5, 1947.
Howard & Brooks, Cal. Ext. C. 117 rev.:35,63, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:26, 1945.
Jensen & Holdaway, Hawaii R. f. 1942/44:75-76, 1945.
Jones, Oreg. St. Hort. Soc. R. 38:10-11, 1946.
i King, Mich. Ext. Folder F-87,4 p., 1945.
King, Ga. Coastal Plain B. 43:45, 1946.
i Lamiman & Smith, Cal. Ext. C. 103 rev.:70-71, 1947.
i Lecrone, Okla. Ext. C. 108 rev.:9-10, 1946.
Lincoln, Ark. Ext. C. 362 rev.:14-15, 1945.
Lyle, Miss. Farm Res. 8(9):8, 1945.
McCaughy, Woman's Day 10(8):120, 123, 1947.

FUMIGANTS - PARADICHLOROBENZENE--Continued.

- bi Marcovitch & Stanley, Tenn. B. 195:16-18, 1945.
 Morrison, Macdonald Col. J. 6(7):25, 1946.
 Porter, Pa. St. Hort. Assoc. P. 87:90-91, 1946.
 Powell et al., Ill. Ext. C. 568 rev.:19, 1946; 610:19, 1947.
 Prather, Better Homes & Gard. 25(9):111, 1947.
 i Ragland & Overcash, Miss. Farm Res. 10(12):6-7, 1947.
 Rasmussen et al., Mich. Ext. B. 154 rev.:26,47, 1946.
 bi Rice & MacCreary, Del. B. 261:5-21, 1945.
 Rice & Wolfenbarger, Del. B. 259:20, 1945.
 Rosborough et al., Tex. Ext. B. 73 rev:15-16, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.:64-65, 1946.
 Smith, J. Ec. Ent. 38:500-501, 1945.
 i Smith, Cal. Ext. C. 98 rev.:49, 1946; 46 rev.:43, 1947.
 Smith & Veerhoff, J. Ec. Ent. 40:588, 1947.
 Snapp, Amer. Fruit Grow. 67(2):7, 1946.
 Steiner, Mountaineer Grow. 16(161):8, 1946.
 Steiner, Pa. St. Hort. Assoc. P. 87:41, 1946.
 Stiles, Okla. Ext. C. 223 rev.:5, 1946?
 i Talbert, Gen. Hort.:188-189, 1946.
 i Talbert, Mo. B. 509:27-29, 1947.
 Van Dine, USDA Agr. Res. Adm. R.A.S. 14(E), 2 p., 1945.
 Watson, Fla. Grow. 54(1):14, 1946.
 Witman, Amer. Fruit Grow. 67(8):37, 1947.
 Woodman, Beekeepers' Mag. 7(9):16, 1945.
 Ohio B. 655:56-58, 1945; 670:56-58, 1947.
 Va. Ext. B. 131 rev.:22-23, 1947.
FUMIGANTS - PARADICHLOROBENZENE & COTTONSEED OIL
 Ferguson et al., La. Ext. B. 7:17, 1947. (Repr.)
 French, Gard. Gossip 21(4):7; (6):7, 1946; 22(1):11; (2):13, 1947.
 Wildon et al., Mich. Ext. B. 269:26; 270:34, 1945.
FUMIGANTS - PARADICHLOROBENZENE & COTTONSEED OIL (CRUDE)
 Sherwood, W. Va. Ext. C. 320 rev.:65-66, 1946.
 Ohio B. 655:60, 1945; 670:60, 1947.
FUMIGANTS - PARADICHLOROBENZENE & KEROSENE
 Lehker, Ind. Ext. B. 314:7-8, 1947.
FUMIGANTS - PARADICHLOROBENZENE & OIL
 French, Gard. Gossip 21(6):7, 1946; 22(1):11, 1947.
 Graham et al., Md. Ext. B. 105:24, 1945; 112:32, 1946.

FUMIGANTS - PARADICHLOROBENZENE & OIL--Continued.

- Powell et al., Ill. Ext. C. 568 rev.:19-20, 1946; 610:6,19-20, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.:65, 1946.
 Va. Ext. B. 131 rev.:23, 1947.
FUMIGANTS - PARADICHLOROBENZENE & OIL (PARA-SCALECIDE)
 Neiswander, Ohio B. 659:108-109, 1945.
 Rice & MacCreary, Del. B. 261:6-21, 1946.
FUMIGANTS - PARADICHLOROBENZENE EMULSION
 Wallace, Conn. B. 501:87-89, 1946.
FUMIGANTS - PARA-SCALECIDE, see FUMIGANTS - PARADICHLOROBENZENE & OIL (PARA-SCALECIDE)
FUMIGANTS - POTASSIUM CYANIDE & SULPHURIC ACID
 i Mills, Mont. Ext. C. 168,7 p., 1946.
FUMIGANTS - PROPENE, -3-CHLORO-2-METHYL, see FUMIGANTS - METHALLYL CHLORIDE
FUMIGANTS - PROPYLENE DICHLORIDE, see FUMIGANTS - DICHLOROPROPANE
FUMIGANTS - SODIUM CYANIDE
 Howard et al., USDA Misc. Pub. 526 rev.:33-34, 1945.
 bi McCool, Boyce Thompson Inst. Contrib. 13:463-472, 1945.
 Tissot, Fla. Grow. 54(1):17, 1946.
FUMIGANTS - SODIUM CYANIDE & SULPHURIC ACID
 i Mills, Mont. Ext. C. 168,7 p., 1946.
FUMIGANTS - SOIL COMPOUND NC, see FUMIGANTS - CHLORO-NITROTOLUENE
FUMIGANTS - STEAM
 Cox & Jeffers, Md. Ext. B. 113:22, 1946.
FUMIGANTS - SULFUR
 Alp & Pilchard, Ill. Ext. C. 452 rev.:31, 1946.
 Kennedy, West. Can. Beekeeper 8(11):15, 1945.
FUMIGANTS - SULFUR DIOXIDE
 Arrington, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(33):1-3, 1946.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 33:3-4, 1945.
FUMIGANTS - SULFUR DIOXIDE, see also FUMIGANTS - CARBON TETRACHLORIDE & CARBON DISULFIDE & SULFUR DIOXIDE
FUMIGANTS - SUPPLIES
 McDaniel, Tenn. Hort., Sept. 1945:1-2.
FUMIGANTS - TETRACHLOROETHYLENE
 Sun, Minn. TB 177:71,73-74, 1947.
FUMIGANTS - TOBACCO
 Neiswander, Ohio B. 665:32, 1946.
FUMIGANTS - TOXICITY
 Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:290.
FUMIGANTS - TOXICITY - FACTORS
 bi Sun, Minn. TB 177,104 p., 1947.

- FUMIGANTS - TRICHLOROBUTYRONITRILE**, *see* **FUMIGANTS - CHLOROACRYLONITRILE & TRICHLOROBUTYRONITRILE & CARBON TETRACHLORIDE**
- FUMIGANTS - TRICHLORETHYLENE**
Sun, Minn. TB 177.71-73-74, 1947.
- FUMIGANTS - WEEVIL-CIDE**, *see* **FUMIGANTS - CARBON TETRACHLORIDE & CARBON DISULFIDE & SULFUR DIOXIDE (WEEVIL-CIDE)**
- FUMIGANTS & HUMIDITY**
Langhorst, Agr. Chem. 2(4):69,71, 1947.
Sun, Minn. TB 177:5-16,22,39,45-47, 49,56,64-65,81-82,89-91,93, 1947.
- FUMIGANTS & TEMPERATURE**
Dustan, Can. Dept. Agr. Div. Ent. Processed Publ. 69-3, 1947.
Langhorst, Agr. Chem. 2(4):31,33,69, 1947.
Newhall, Agr. Chem. 2(8):30-31,63, 1947.
Rice & MacCreary, Del. B. 261 11-20, 1946.
Steinweden, Cal. Dept. Agr. B. 34:8-11, 1945.
Stuckey, Ga. R. 59:92, 1947.
Sun, Minn. TB 177 6-16,22,39-44,48, 56,59-63,75-76,79-81,89-92, 1947.
- FUMIGATING APPARATUS**
Armitage, Cal. Dept. Agr. B. 33.240-241, 1945.
Cotton et al., USDA C. 720:27-28,31-37,40-42,53-54,68-72, 1945.
i Cox & Jeffers, Md. Ext. B. 113:18, 1946.
i Ellis & Clayton, N. C. Res. & Farm. 5 (Prog. R. 3):5, 1947.
i Fisher, Food Indus. 17:1176-1178, 1946.
i Johnson, Amer. Mill. 74(4):48,63, 1946.
i Lange, Cal. C. 365:57-58, 1946
i Latta et al., USDA C. 745,40 p., 1945.
bi Steinweden, Cal. Dept. Agr. B. 34. 6-14, 1945.
Stone & LaHue, J. Ec. Ent. 39:582-583, 1946.
- FUMIGATING APPARATUS**, *see also* **ENTOMOLOGICAL TECHNIQUE; FIELD APPARATUS; LABORATORY APPARATUS; SOIL STERILIZATION APPARATUS**
- FUMIGATING APPARATUS - AUTOMATIC UNIT**
i Luedemann, Amer. Mill. 74(4):62, 1946.
Luedemann, Assoc. Oper. Mill. B., Jan. 1946:1489-1490, 1946.
- FUMIGATING APPARATUS - AZOBENZENE APPLICATION**
i Blauvelt, N. Y. St. Flower Grow. B. 19:8-9, 1947.
- FUMIGATING APPARATUS - BENZOFUME PRESSURE FUMIGATOR**
i Blauvelt, N. Y. St. Flower Grow. B. 19:9-11, 1947.
- FUMIGATING APPARATUS - BLOWER**
i Fulton & Nelson, Cal. Citrog. 32:30-31, 1946.
- FUMIGATING APPARATUS - BLOWER APPLICATOR**
Annand, USDA EPQ R. f. 1946/47.24.
i Fulton & Nelson, Cal. Citrog. 31:154, 166-167, 1946.
- FUMIGATING APPARATUS - CHAMBERS**
Chisholm & Koblitsky, USDA EPQ ET-224,4 p., 1945.
i Dawson, Bakers' Helper 88(1095):46, 1947.
U. S. Army Med. Dept. Bul. 89:10, 1945.
- FUMIGATING APPARATUS - CHAMBERS, METHYL BROMIDE**
i English & Turnipseed, Ala. C. 93, 24 p., 1946.
- FUMIGATING APPARATUS - HALIDE LEAK DETECTOR**
Monro, Sci. Agr. 27.268-270, 1947.
- FUMIGATING APPARATUS - INFRA-RED RAY LAMP**
i Balzer & Cotton, USDA FB 1906 rev: 10-11, 1947.
- FUMIGATING APPARATUS - "LITTLE DAISY"**
i Whitlock, Dow Diamond 9(2):22-25, 1946.
- FUMIGATING APPARATUS - METHYL BROMIDE APPLICATION**
i Monro & Delisle, Sci. Agr. 25:804-810, 1945.
- FUMIGATING APPARATUS - TARAPAU-LIN, RUBBERIZED**
Michelbacher, Pest Control & Sanit. 1(11):14-15, 1946.
- FUMIGATING APPARATUS - TENT PULLERS, MECHANICAL**
i Brooks, Cal. Citrog. 31:42,50-55, 1945.
- FUMIGATING APPARATUS - TENTS**
Bainer, Cal. Citrog. 32.150, 1947.
Fulton & Nelson, Cal. Citrog. 31:154, 166-167, 1946.
i Langhorst, Agr. Chem. 2(4).30-33, 1947.
b Yust et al., J. Ec. Ent. 40:869,872-873, 1947.
- FUMIGATING APPARATUS - TENTS - MILDEW CONTROL**
Woglum, Pest Control & Sanit. 2(1): 25, 1947.
- FUMIGATING APPARATUS, TENTS, GASTIGHT**
Annand, USDA EPQ R. f. 1943/44:4; f. 1944/45:6; f. 1945/46:20; f. 1946/47:24.
bi Lindgren & Dickson, Cal. Citrog. 31:418,448-449, 1946.
Lindgren & Dickson, Cit. Leaves 26 (8):8-9,31-32, 1946.
- FUMIGATING APPARATUS - TENTS, NYLON**
i Johnson, Cit. Leaves 27(2):9,20,30, 1947.
i Lindgren et al., Cal. Citrog. 32:142, 1947.
i Lindgren et al., Cit. Leaves 27(2):8-9, 1947.
- FUMIGATING APPARATUS - VACUUM CHAMBER**
Bare et al., J. Ec. Ent. 39:612-613, 1946.

FUMIGATING APPARATUS - VACUUM CHAMBER --Continued.

- Garner, Prod. of Tob.:299-300, 1946.
- FUMIGATION**
Westcott, Gard. Bug Book:51-56, 1946.
- FUMIGATION - ANTS' NESTS**
i Ahlgren, N. J. B. 724:25-26, 1946.
Hambleton, USDA OFAR Agr. in the Amers. 5:125, 1945.
- FUMIGATION - APPLES**
Annand, USDA EPQ R. f. 1945/46:19.
i Bord & Dawson, Amer. Fruit Grow. 65(11):14-15,24,31-32, 1945.
- FUMIGATION - BAG METHOD**
i Latta et al., USDA C. 745:6-7,15-27, 33, 1946.
U. S. War Dept. TB MED 184:4, 1945.
- FUMIGATION - BAGS (MILL)**
i Cotton, Northw. Mill. Mill. Prod. Sect. 222(2):4a,8a-9a, 1945.
- FUMIGATION - BAKERIES**
i Dawson, Bakers' Helper 88(1095):46, 62, 1947.
Haas, Can. Baker 60(11/12):56, 1947.
Holmes, Bakers' Helper 86(1074):43, 80, 1946.
Skovholt & Hanschka, Cracker Baker 35(12):37-38, 1946.
- FUMIGATION - BARGES**
bi Monro, Sci. Agr. 27:267-271,281-282, 1947.
- FUMIGATION - BARRACKS**
i U. S. War Dept. TM 5-632 (PB-2435): 39,44-45, 1945.
- FUMIGATION - BEANS**
Armitage, J. Ec. Ent. 40:868, 1947.
- FUMIGATION - BINS, see FUMIGATION - GRAIN BINS**
- FUMIGATION - BOXES (FRUIT)**
Armitage, Cal. Dept. Agr. B. 33:231, 1945.
Steinweden, Cal. Dept. Agr. B. 34:179, 1945.
- FUMIGATION - BROOM CORN**
b Monro, Can. Ent. 79:184-187, 1947.
- FUMIGATION - BUILDINGS**
i Boyd, Prev. Med. ed. 7:271-274, 1945.
i Gunn et al., Pests 159(9):8,10-11, 1947.
i Pencille, Pest Control & Sanit. 2(8): 10-12, 1947.
- FUMIGATION - BUILDINGS - EFFECT OF CONSTRUCTION**
i Cotton & Walkden, Agr. Chem. 1(8): 35,37-38, 1946.
- FUMIGATION - BUILDINGS - MILITARY ZONES**
i U. S. War Dept. TM 5-632 (PB-2435): 95-104, 1945.
- FUMIGATION - BULBS**
Mackie, Cal. Dept. Agr. Sp. Pub. 208: 10-11, 1945.
- FUMIGATION - CAMELLIAS**
English, Amer. Camellia YB 1:40, 1946.
- FUMIGATION - CANDY FACTORIES**
Feiner, Internatl. Confect. 55(5):37; (11):38,40, 1945.
- FUMIGATION - CHAMBER METHOD**
Chisholm & Kobilstky, USDA EPQ ET-224,4 p., 1945.

FUMIGATION - CHAMBER METHOD--Continued.

- Latta et al., USDA C. 745:7, 1946.
- FUMIGATION - CHRISTMAS TREES**
Bailey, Vt. Commr. Agr. Bien. R. 23: 84, 1946.
Latta, J. Ec. Ent. 38:398, 1945.
- FUMIGATION - CITRUS**
Fulton & Nelson, Cal. Citrog. 31:154, 166-167, 1946.
i Langhorst, Agr. Chem. 2(4):30-33, 69,71,73-74, 1947.
bi Lindgren & Dickson, Cal. Citrog. 31:418,448-449, 1946.
Newcomb, Cal. Citrog. 32:210-212, 1947.
Smith et al., in Hutchison, Cal. Agr.: 258-260, 1946.
b Yust et al., J. Ec. Ent. 40:869-874, 1947.
- FUMIGATION - COSTS**
Anderson, USDA R. Sec. f. 1947:142.
Dews & Morrill, J. Ec. Ent. 39:353, 1946.
- FUMIGATION - COSTS (COMMERCIAL)**
Vogel, Pests 13(4):5-6, 1945.
- FUMIGATION - COTTONSEED**
Annand, USDA EPQ R. f. 1945/46:19-20; f. 1946/47:24.
- FUMIGATION - DATES**
b Armitage & Steinweden, Cal. Dept. Agr. B. 34:101-107, 1945.
- FUMIGATION - DRIED FRUIT, see FUMIGATION - FRUITS (DRIED)**
- FUMIGATION - DRUM METHOD**
Latta et al, USDA C. 745:5-6, 1946.
- FUMIGATION - ELM LOGS**
Connola et al., N. Y. (C.) B. 841:33-34,37-39, 1947.
- FUMIGATION - FLOUR MILLS**
i Cotton et al., USDA C. 720:26-58, 1945.
i Johnson, Amer. Mill. 74(4):48,63, 1946.
i Luedemann, Amer. Mill. 74(4):62, 1946.
Luedemann, Assoc. Oper. Mill. B., Jan. 1946:1489-1490, 1946.
- FUMIGATION - FOOD PLANTS**
i Borg, Food Mater. & Equip. 5(12): 14, 1945.
Gray, Can. Food Packer 17(12):27,29, 1946.
Parker, Food Indus. 18:334, 1946.
- FUMIGATION - FOODSTUFFS**
Annand, USDA EPQ R. f. 1945/46:15.
Snyder, Amer. J. Pharm. 118(1):19-21, 1946.
Stadholz & Jarman, Food Mater. & Equip. 6(1):16; (2):14, 1946.
- FUMIGATION - FOODSTUFFS - EFFECT ON THIAMIN CONTENT**
b Miller, Amer. Dietetic Assoc. J. 21: 516-517, 1945.
- FUMIGATION - FOODSTUFFS - IN TRANSIT**
bi Monro & Delisle, Sci. Agr. 25:794-816, 1945.
- FUMIGATION - FOODSTUFFS - INDIVIDUAL PACK**
Fisher, Food Indus. 17:1178, 1945.

FUMIGATION - FREIGHT CARS

- Annand, USDA EPQ R. f. 1943/44:26, 32; f. 1944/45:7.
Balzer & Cotton, USDA FB 1906 rev.. 22-23, 1947.
Cotton, Northw. Mill. Mill. Prod. Sect. 222(2):10a, 1945.
Cotton et al., USDA C. 720.73-75, 1945.
bi Monro & Delisle, Sci. Agr. 25:794-816, 1945; abridged in Pests 14(9): 14, 16-17, 20-22, 1946.

i Sima, Amer. Mill. 73(4):92, 1945.

FUMIGATION - FRUIT

- bi Steinweden, Cal. Dept. Agr. B. 34: 4-14, 1945.

FUMIGATION - FRUITS (DRIED)

- i Fisher, Food Indus. 17:1176-1178, 1945.
Simmons, Pest Control & Sanit. 2(7) 27, 1947.

FUMIGATION - FURNITURE

- Schmitt, N. J. C. 496:7, 1945.

FUMIGATION - GARDENIA BLOOMS

- Steinweden, Cal. Dept. Agr. B. 34:176, 1945.

FUMIGATION - GLADIOLUS CORMS

- Granovsky, Minn. Hort. 75:118, 1947.
Knight, N. Amer. Glad. Council B., June 1946:12.
Pierce, N. Amer. Glad. Council B., Mar. 1946, 7, 24.

FUMIGATION - GRAIN BINS

- Annand, USDA EPQ R. f. 1946/47:10.
i Cotton et al., USDA C. 720:6-7, 1945.
Balzer & Cotton, USDA FB 1906 rev. 7-8, 1947.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:23-25, 1945.
Schwardt, N. Y. (C.) R. 57:124, 1945.

FUMIGATION - GRAIN BINS (SORGHUM)

- Shedd & Walkden, USDA C. 760:25-27, 1947.

FUMIGATION - GRAIN ELEVATORS

- Cotton et al., USDA C. 720 7-11, 1945.

FUMIGATION - GRAIN PROCESSING PLANTS

- i Sima, Amer. Mill. 73(4):48,92, 1945.
Smallman, Wallerstein Lab. Commun. 8:164-165, 1945.

FUMIGATION - GREENHOUSE BENCHES

- Christie, USDA PISAE Plant Dis. Rprtr. Sup. 170:183, 1947.

FUMIGATION - GREENHOUSES

- Blauvelt, N. Y. St. Flower Grow. B. 2: 6-8; 4:8, 1945.
Blauvelt, Can. Flor. 41:124, 1946.
Blauvelt, Flor. Rev. 97:32-33, 1946.
Blauvelt, N. Y. (G.) Farm Res. 12(2): 12-13, 1946.
i Blauvelt, N. Y. St. Flower Grow. B. 10:15-16, 1946.
i Chadwick, Home Gard. (N. Y.) 5(1): 57-60, 1945.
English, Can. Flor. 42(7):7,34, 1947.

- Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:55-56, 1946.
Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 32:143-147, 1947.

- Sharp, J. Ec. Ent. 39:669-670, 1946.

- Whitcomb & Garland, Mass. B. 436:39, 1946.

FUMIGATION - GREENHOUSES, see also SOIL STERILIZATION - GREENHOUSES

FUMIGATION - HARVESTING EQUIPMENT

- Armitage, J. Ec. Ent. 40:869, 1947.

FUMIGATION - HAZARDS & SAFE-GUARDS

- Back, USDA Leaf. 145 rev..8, 1947.

- Balzer & Cotton, USDA FB 1906 rev. 8,11-12,14-15,19-23, 1947.

- Blauvelt, Flor. Rev. 97:32-33, 1946.

- b Blauvelt, N. Y. St. Flower Grow. B. 15.3-5,8, 1946, Flor. Exch. 107(24): 47, 1946; 108(1):15, 1947.

- Blauvelt, N. Y. St. Flower Grow. B. 19:9,11,15-16, 1947.

- i Cotton et al., USDA C. 720:6-11,26-29,33,38,40,42-52, 1945.

- English, Can. Flor. 42(7):7,34, 1947.

- Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:23-24, 1945.

- Hulbirt, Pest Control & Sanit. 1(12) 12-13, 1946.

- Mills, Mont. Ext. C. 168 7, 1946.

- i Life 23(25):31, 1947.

- U. S. War Dept. TM 5-632 (PB-2435): 103-104, 1945.

FUMIGATION - HOUSEHOLD

- Back, USDA Leaf. 145 rev. 4,6-8, 1947.

- i Mallis, Handb. of Pest Control 474-485, 1945.

- i Mills, Mont. Ext. C. 168,7 p., 1946.

FUMIGATION - HOUSES

- Schmitt, N. J. C. 496:5-6, 1945.

FUMIGATION - LOW TEMPERATURE

- b Monro, Can. Ent. 77:192-196, 1945.

FUMIGATION - MILLS

- Chapman, Amer. Mill. 73(4) 48, 1945.

- Cotton, Northw. Mill. Mill. Prod.

- Sect. 222(2):3a-4a,9a, 1945.

- Cotton & Walkden, Agr. Chem. 2(1): 35, 1947.

- i Dawson, Amer. Mill. 73(6):41-42,81, 1945.

- i Durham, Amer. Mill. 75(4):42-43, 1947.

- Durham, Assoc. Oper. Mill. B., Oct. 1947:1625-1626.

- Johnson, Amer. Mill. 73(4):59,61-62, 1945.

- Peters, Northw. Mill. Mill. Prod. Sect. 231(11):10a, 1947.

- Wagner, Assoc. Oper. Mill. B., Aug. 1947:1611.

- Winburn, Northw. Mill. Mill. Prod.

- Sect. 231(2):10-11a,14a-15a, 1947.

FUMIGATION - NURSERY STOCK

- Annand, USDA EPQ R. f. 1945/46:19; f. 1946/47:24.

- English, South. Flor. 59(10):7, 1946.

- Lauderdale, Ariz. St. Ent. R. f. 1945/46:14.

- Mackie, Cal. Dept. Agr. Spp. Pub. 209. 11-12, 1945.

- Neiswander, Ohio B. 659:108-109, 1945.

- bi Steinweden, Cal. Dept. Agr. B. 34. 4-14, 1945.

- Wilmot, Fla. R. f. 1944/45:77, f. 1945/46:72.

- FUMIGATION - NURSERY STOCK -
BALLED-IN-BURLAP
Gambrell et al., N. Y. (G.) R. 64:37,
1946; 65:21-22, 1947.
- FUMIGATION - NURSERY STOCK - RE-
DUCED DOSAGE
Annand, USDA EPQ R. f. 1943/44:26.
- FUMIGATION - PEACH TREES
Armitage, Cal. Dept. Agr. B. 33:236-
237, 1945.
- FUMIGATION - PEANUTS
bi Monro, Sci. Agr. 27:267-283, 1947.
- FUMIGATION - PIT
i Latta et al., USDA C. 745:27-30,
1946.
- FUMIGATION - PLANT MATERIAL
Anderson, La. Comnr. Agr. & Immigr.
Blen. R. 32:83-84, 1946.
Annand, USDA EPQ R. f. 1943/44:51.
Blauvelt, N. Y. St. Flower Grow. B.
7:16, 1946.
English, Ala. R. 54/55:27, 1946.
Gardiner, Can. Min. Agr. R. f.
1945/46:85.
- FUMIGATION - POTATOES - IN TRAN-
SIT
Mackie, Cal. Dept. Agr. Sp. Pub. 209.
9-10, 13, 1945.
- FUMIGATION - REFRIGERATOR CARS
Annand, USDA EPQ R. f. 1944/45:52,
1946.
- FUMIGATION - RICE
i Balzer & Cotton, USDA FB 1906 rev.:
7-23, 1947.
- FUMIGATION - ROSES
Blauvelt, Flor. Rev. 96(2469):26-27,
1945.
- FUMIGATION - SEEDS
Cotton & Frankenfeld, USDA EPQ E-
677:5-9, 1945.
- FUMIGATION - SHIPS
bi Monro, Sci. Agr. 27:267-283, 1947.
- FUMIGATION - SOIL, see SOIL STERI-
LIZATION
- FUMIGATION - STORED GRAIN
Annand, USDA EPQ R. f. 1945/46:15.
bi Cotton & Walkden, Agr. Chem. 1(8):
35,37-38, 1946; 2(1):33,35, 1947.
Gray, Mill. & Feed 26(11):8, 1946.
Gray, Feedstuffs 19(13):19-20, 1947.
Gray, Northw. Mill. Mill. Prod. Sect.
229(10):3a,24a, 1947.
Gray & Smallman, Can. Dept. Agr.
Div. Ent. Processed Pub. 20:23-25,
1945.
Gross & Walkden, USDA YB f. 1943/47:
865-866.
Smallman, Wallerstein Lab. Commun.
8:164-165, 1945.
i Food & Agr. Organ. of United Nations
Inform. Serv. Thieves of Stored
Grain:14-15, 1947?
- FUMIGATION - STORED PRODUCTS
Cotton, USDA YB f. 1943/47:876-878.
bi Steinweden, Cal. Dept. Agr. B. 34:
4-14, 1945.
bi Sun, Minn. TB 177,104 p., 1947.
Verdcourt, Mod. Packaging 21(3):152-
153, 1947.
- FUMIGATION - STORED WHEAT
bi Pepper et al., J. Ec. Ent. 40:64-73,
1947.
- FUMIGATION - SWEET POTATOES
Annand, USDA EPQ R. f. 1946/47:24.
- FUMIGATION - TOBACCO WARE-
HOUSES, see FUMIGATION -
WAREHOUSES, TOBACCO
- FUMIGATION - TRUCKS, LOADED
Annand, USDA EPQ R. f. 1943/44:32.
- FUMIGATION - TRUNKS
Shepard, Pests 14(11):22, 1946.
- FUMIGATION - VACUUM
Balzer & Cotton, USDA FB 1906 rev.:
20-22, 1947.
Bare et al., J. Ec. Ent. 39:612-613,
1946.
i Cotton et al., USDA C. 720:67-71,
1945.
Stone & LaHue, J. Ec. Ent. 39:581-588,
1946.
Tob. Ins. Conf. Recom. Com. Recom.
Control Tob. Ins. f. 1948, Stored &
Mfd. Tob.:3, 1947.
i U. S. War Dept. TM 5-632 (PB-2435):
101-103, 1945.
- FUMIGATION - VAULT
i Balzer & Cotton, USDA FB 1906 rev.:
16-19, 1947.
i Bulger, USDA EPQ 690,28 p., 1946.
i Cotton et al., USDA C. 720:64-67,
1945.
i Latta et al., USDA C. 745.8-15,33,
38-40, 1946.
Monro, Can. Ent. 77:193-196, 1945.
U. S. War Dept. TB MED 184 3-4,
1945.
i U. S. War Dept. TM 5-632 (PB-2435):
101, 1945.
- FUMIGATION - VEGETABLES
Annand, USDA EPQ R. f. 1943/44:26.
bi Steinweden, Cal. Dept. Agr. B. 34:
4-14, 1945.
- FUMIGATION - WALNUT SACKS
Jardine et al., USDA OES R. f.
1944/45:54, 1946.
- FUMIGATION - WAREHOUSES
i Balzer & Cotton, USDA FB 1906
rev.:8-15, 1947.
i Cotton, Pests 13(2):9-12, 1945.
Cotton & Walkden, Agr. Chem. 2(1):
35, 1947.
i Cotton et al., USDA C. 720:63-72,
1945.
- FUMIGATION - WAREHOUSES, TO-
BACCO
Garner, Prod. of Tob.:298-299, 1946.
Tob. Ins. Conf. Recom. Com. Recom.
Control Tob. Ins. f. 1948, Stored &
Mfd. Tob.:2-3, 1947.
- FUMIGATION INJURY
Langhorst, Agr. Chem. 2(4):33,69,71,
73, 1947.
Rice & MacCreary, Del. B. 261:5,7-8,
20, 1945.
- FUMIGATION INJURY - AZOBENZENE
Blauvelt, N. Y. St. Flower Grow. B.
19:3-5, 1947.
Lininger et al., Pa. B. 488:18, 1947.
- FUMIGATION INJURY - CALCIUM CYA-
NIDE
Hester, Amer. Soc. Agron. J. 37:319,
1945.

- FUMIGATION INJURY - DICHLOROPROPANE
Snapp, J. Ec. Ent. 38:419-422, 1945.
- FUMIGATION INJURY - ETHYLENE DICHLORIDE
Snapp, J. Ec. Ent. 38:419-422, 1945.
Wallace, Conn. B. 501:87-89, 1946.
- FUMIGATION INJURY - HYDROCYANIC ACID
Steinweden, Cal. Dept. Agr. B. 34:176, 1946.
- FUMIGATION INJURY - METHYL BROMIDE
Annand, USDA EPQ R. f. 1944/45:7, f. 1945/46:19.
Armitage et al., Cal. Dept. Agr. B. 35: 207-208, 1947.
Bulger, USDA EPQ 690.4-8, 1946.
English & Turnipseed, Ala. C. 93:23-24, 1946.
Johnson et al., USDA EPQ E-711:31-42, 1947.
Kenworthy, Del. B. 259:32, 1945.
b Kenworthy & Gaddis, Amer. Soc. Hort. Sci. P. 47:64-66, 1946.
Steinweden, Cal. Dept. Agr. B. 34:176-178, 1946.
Cal. Dept. Agr. B. 35:21-29, 1946.
- FUMIGATION INJURY - PARADICHLOROBENZENE
Wallace, Conn. B. 501:87-89, 1946.
- FUMIGATION INJURY TO FRUIT
Johnson et al., USDA EPQ E-711:31-42, 1947.
Kenworthy, Del. B. 259:32, 1945.
b Kenworthy & Gaddis, Amer. Soc. Hort. Sci. P. 47:64-66, 1946.
Steinweden, Cal. Dept. Agr. B. 34:171-178, 1946.
- FUMIGATION INJURY TO PLANTS
Annand, USDA EPQ R. f. 1945/46:19.
Armitage et al., Cal. Dept. Agr. B. 35: 207-208, 1947.
English & Turnipseed, Ala. C. 93:23-24, 1946.
- FUMIGATION INJURY TO ROSES
Lininger et al., Pa. B. 488:18, 1947.
- FUMIGATION INJURY TO WHEAT
Annand, USDA EPQ R. f. 1943/44:12.
b Pepper et al., J. Ec. Ent. 40:64-73, 1947.
- FUMIGATION RESIDUE
Fisher, Food Indus. 17:1178, 1945.
Monro & Deltisle, Sci. Agr. 25:813-814, 1945.
- FUNDELLA Zell.
nik Heinrich, USNM P. 96:105-113, 1945.
- FUNDELLA ARGENTINA Dyar
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):4.
- FUNGI, ENTOMOGENOUS, see ENTOMOGENOUS FUNGI
- FUNGUS GNATS
Lininger et al., Pa. B. 475:37, 1945; 480:53-54, 1946; 488:44-45, 1947.
Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 31:278, 1946.
- FUNGUS GNATS, see also LYCORIA Meig
- FUR ANIMALS - PESTS
Herrick, Amer. Fur Breed. 20(3):30, 32, 34, 1947.
- FUR ANIMALS - PESTS--Continued.
Herrick, Fur of Can. 13(1):30, 1947.
Herrick, Natl. Fur News 19(10):18, 52-53, 1947.
- FURCASPIS BIFORMIS (Ckll.)
Martorell, P. R. Univ. J. Agr. 29:411, 1945.
Swezey, Hawaiian Ent. Soc. P. 12:379-380, 1945.
- GALERUCA Geoffr. - NORTH AMERICA
nik Blake, Ent. Soc. Wash. P. 47:53-63, 1945.
- GALERUCA BROWNI Blake (PEPPER-GRASS BEETLE)*
Arnason et al., Can. Ins. Pest Rev. 24:87, 1946.
ni Blake, Ent. Soc. Wash. P. 47:60-61, 1945.
- GALERUCA COSTATISSIMA 62-63, G. POPENOEI 61-62
ni Blake, Ent. Soc. Wash. P. 47. 1945
- GALERUCELLA CARBO Lec.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:67, 1945; f. 1945:64, 1946.
Mathers, Can. Ins. Pest Rev. 24:122, 1946.
- GALERUCELLA DECORA (Say) (WESTERN WILLOW LEAF BEETLE)
Gardiner, Can. Min. Agr. R. f. 1946/47:94.
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 61, 1947.
Manson & Lejeune, Can. Ins. Pest Rev. 25:79-80, 1947.
Manson et al., Can. Ins. Pest Rev. 24: 100, 1946.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:55, 1946.
Peterson, Can. Ins. Pest Rev. 24:109, 1946.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:68, 1947.
- GALERUCELLA LUTEOLA Müll., see GALERUCELLA XANTHOME-LAENA (Schr.)
- GALERUCELLA NYMPHAEAE (L.) (WATERLILY LEAF BEETLE)*
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:57, 1945.
- GALERUCELLA RIBICOLA CONFUSA Brown
n Brown, Can. Ent. 78:50-51, 1946.
- GALERUCELLA XANTHOMELAENA (Schr.) (ELM LEAF BEETLE)*
i Baerg & Lincoln, Ark. Ext. C. 448: 8-10, 1947.
Bailey, Vt. Comnr. Agr. Bien. R. 23: 86, 1946.
i Boyd, N. J. Dept. Agr. C. 355:17-19, 1945.
Bromley, Horticulture 23:374, 1945.
Flock, Ariz. St. Ent. R. f. 1944:20, 1945.
Knutson, R. I. Dept. Agr. & Conserv. R. 12:36-37, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:20.

GALERUCELLA XANTHOMELAENA--

Continued.

Parker, Ariz. St. Ent. R. f. 1946/47:27.
Ryan, Los Angeles Co. Cal. Agr.

Comnr. R. f. 1946/47:7.

USDA EPQ Ins. Pest Surv. Sum. of Ins.
Conditions in 1944:15, 1945.

GALERUCELLA XANTHOMELAENA - CANADA

Gardiner, Can. Min. Agr. R. f. 1945/46:18.

Sheppard, Can. Ent. 78:22, 1946.

Watson, Can. Ins. Pest Rev. 24:65, 1946; 25:63, 1947.

Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:29, 1946.

Watson & Razienne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:36, 1947.

GALERUCELLA XANTHOMELAENA - SPRAYS

Eddy, R. I. Dept. Agr. & Conserv. R. 10:43, 1945.

Leaver, R. I. Dept. Agr. & Conserv. R. 11:32, 1946.

GALERUCELLA XANTHOMELAENA - SPRAYS - DDT

Bromley, J. Ec. Ent. 40:238-239, 1947.

Fleming, USDA EPQ E-724:12, 1947.

Rex, Shade Tree 20(2):1-3; (4):4, 1947.

GALERUCELLA XANTHOMELAENA AS HOUSEHOLD PEST

i Curran, Nat. Hist. 55:292, 1946.

GALL INSECTS, see GALLS & GALL INSECTS

***GALL-MAKING MAPLE BORER, see XYLOTRECHUS ACERIS Fisher**
GALLERIA MELONELLA (L.) (WAX MOTH)

King, Ga. Coastal Plain B. 43:45, 1946.

Milum, Amer. Bee J. 87:338, 1947.

Sheppard, Can. Ins. Pest Rev. 25:125, 1947.

i Webb, Mod. Beekeeping 31:332-333, 347, 1947.

Woodman, Beekeepers Mag. 7(9):16, 1945.

GALLS & GALL INSECTS

bi Brues, Ins. Dietary:163-192, 1946.

Ehrenborg, Ill. St. Acad. Sci. Trans. 39:148-149, 1946.

i Hess, Nature Mag. 40:25-27, 1947.

i Lecker, Ind. Ext. B. 239 rev.:14, 1947.

Milne & Milne, A Multitude of Living Things:178-188, 1947.

i Needham, Natl. Geog. Mag. 90:342-344, 347, 349, 354, 356, 1946.

bnik Pritchard, Ent. Soc. Amer. Ann. 40:662-671, 1947.

b Sakimura, Hawaiian Ent. Soc. P. 13:59-62, 1947.

GALLS & GALL INSECTS - GALL-FORMING SUBSTANCE

Lewis & Walton, Science 106:419-420, 1947.

Lewis & Walton, Va. Acad. Sci. P. 25:73, 1947. (Abs.)

GALLS & GALL INSECTS - GOLDENROD

Hoffmann, J. Ec. Ent. 38:356-357, 1945.

*** GALLS & GALL INSECTS - WOODY PLANTS**

i Palmer, Nature Mag. 40:305-312, 1947.

GALUMNA VIRGINIENSIS Jacot & TAPEWORM OF SHEEP

Simms, USDA BAI R. f. 1946/47:55.

GAMBRUS BITUMINOSUS (Cushm.)

Clark, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 1):4.

GAMBRUS STOKESII Cam. - REARING

b Haeussler, J. Ec. Ent. 38:103-106, 1945.

GAMBRUS ULTIMUS (Cress.)

Taschenberg, Cornell Univ. Abs.

Theses f. 1945:155, 1946.

Townes, Hawaiian Ent. Soc. P. 13:105-106, 1947.

GAMMA RAYS - EFFECT ON INSECTS

Carlson et al., Anat. Rec. 99:581, 1947. (Abs.)

***GARDEN CENTIPEDE, see SCUTIGERELLA IMMACULATA (Newp.)**

***GARDEN FLEAHOPPER, HALTICUS BRACATEATUS (Say)**

GARDEN INSECTS

i Britton, in De La Mare, Gard. Guide ed. 7:411-431, 1947.

i Free, Gardening rev.:463-470, 1947.

Hamilton, N. J. Agr. 29(5):3, 1947.

i Headstrom, Horticulture 23:259-260, 1945.

Kilgore Seed Co., Home Gard. Ins. & Dis. Prob., 23 p., 1945?

Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:105-106, 1947.

i Seymour, New Gard. Encyclop., 1380 p., 1946.

Smith et al., Home Gard. So. 5:11,20, 31,40,51,60,71,80,91,100,110-111, 140,148,158,168,183,192,205,216,229, 1945; 6:265,268,289,296,309,320,331, 340,353,364,375,384,397,408,419,428, 441,452,465,476,491,513,524, 1946; 7:17,28,47-48,71,78,97,119,139,159, 181,205,229,255, 1947.

Swezey, Hawaiian Ent. Soc. P. 12:464, 1946.

i Teale, Nature Mag. 38:64-68,106, 1945.

i Ward & Amick, Ind. Ext. B. 227 rev.:12-15, 1947?

Watkins, Fla. Dept. Agr. B. 59:13,32, 46,55,90, 1945.

i Westcott, Home Gard. (N. Y.) 5(2):49-56; (3):46-48,53-55; (5):68-74; (6):49-50,52-58; 6(4):45-53; (8):77-84, 1945; 7(1):46-49; (2):51-59; (3):56-66, 1946.

i Wister, Woman's Home Companion Gard. Book:158-167, 1947.

GARDEN INSECTS, see also FLOWER GARDEN INSECTS; VEGETABLE INSECTS

GARDEN INSECTS - CANADA

Arnason, Saskatch. Dept. Agr. R. 42:23, 1947.

Gorham, Can. Ins. Pest Rev. 23:14-15, 1945; 24:18-21, 1946.

Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan:94-99, 1945.

GARDEN INSECTS - CANADA--Continued.

Twinn, Can. Ins. Pest Rev. 23:1-4, 1945.

GARDEN INSECTS - CONTROL

Bullock, Pract. Farm. f. So. ed. 2:291-292, 295, 297, 299, 1946.

Chambers, Wis. Hort. 35:236, 1945.

1 Freeman, North. Gard. & Homes 15 (4):13, 28, 1947.

i Lammey, Pop. Mech. Mach. 85(4): 188-193, 1946.

i Lincoln, Ark. Ext. C. 438, 14 p., 1945.

i Pyenson, Pest Control in Home Gard., 108 p., 1945.

Pyenson, Home Gard. (N. Y.) 6(5):37-40, 1945; 8(6):23-25, 1946.

Pyenson, N. Y. Bot. Gard. J. 47:120-122, 1946.

bi Westcott, Gard. Bug Book, 590 p., 1946.

i Westcott, Home Gard. (N. Y.) 7(1): 46-49, (2):51-59, 1946.

GARDEN INSECTS - INSECTICIDES

Annand, USDA EPQ R. f. 1946/47.4-8.

Kelly, Green Thumb 2(5) 15-16, 1945.

Platt, House Beautiful's Pract. Gard. No. 8:56-57, 1947.

Plumb, House & Gard. 89(1):74-75, 1946.

i Quackenbush, Horticulture 25:306, 324, 1947.

Scruggs & Scruggs, Gard. in So. & West:260-268, 273-275, 1947.

Wallace, Utah Gard., Aug. 1947:17-19.

G. L. F. Exchange Inc., G. L. F. Garden Guide 1947.20-21.

GARDEN INSECTS - INSECTICIDES - DDT

Bourne, Mass. Ext. Com. Veg. Grow. Apr. 5, 1946, 7-8.

Creighton, Cit. Indus. 26(12):7, 22, 1945.

Daggy et al., Minn. Ext. B. 252 12-15, 1946.

Haseman et al., Mo. C. 309 5-6, 1946.

McDaniel, Mich. Hort. Soc. Hort. News 11.110, 1945.

Price, Ky. Ext. C. 438:7, 1947.

Westcott, Sun-up 1(9):24, 1947.

GARDEN SLUGS, see SLUGS

***GARDEN SPRINGTAIL, see BOURLETIELLA HORTENSIS (Fitch)**

***GARDEN WEBWORM, see LOXOSTEGE SIMILALIS (Guen.)**

GARDENIA INSECTS

Bromley, Hort. Illus. Natl. Ed. 23: 210, 1945.

GARGAPHIA SOLANI Heid. (EGGPLANT LACE BUG)*

b Goodhue et al., J. Ec. Ent. 38:181, 1945.

Owens & Dltman, J. Ec. Ent. 39:405-406, 1946.

Owens et al., J. Ec. Ent. 40:423-424, 1947.

Smith et al., J. Ec. Ent. 38:192-193, 1945.

GARGAPHIA TILIAE (Walsh) (BASSWOOD LACE BUG)*

Rice, Amer. Mid. Nat. 35:166, 1946.

GASTEROPHILIDAE & MYIASIS

bik James, USDA Misc. Pub. 631:92-98, 1947.

GASTEROPHILUS

Green, W. Va. Dept. Agr. Mkt. B. 29 (1):5, 1945.

Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):67, 1947.

Manson et al., Can. Ins. Pest Rev. 24: 103, 1946; 25:112, 1947.

GASTEROPHILUS HAEMORRHOIDALIS (L.) (NOSE BOT FLY)* (RED-TAILED BOT)

Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.

GASTEROPHILUS HAEMORRHOIDALIS & MYIASIS

James, USDA Misc. Pub. 631:97-98, 1947.

GASTEROPHILUS INTESTINALIS (Deg.) (HORSE BOT FLY)*

Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.

Dean et al., Kans. Ent. Soc. J. 18.93, 1945.

Davis, Ind. Ext. B. 105 rev. 7, 1945.

Dickinson, in Davis et al., Livestock Enterprises rev. 213-214, 1946.

i Peters & Deyoe, Raising Livestock: 296-297, 1946.

Smith et al., Kans. Ent. Soc. J. 19 48, 1946; 20:49, 1947.

GASTEROPHILUS INTESTINALIS - INSECTICIDES - DDT

Telford & Harwood, J. Ec. Ent. 38 399, 1945.

GASTEROPHILUS INTESTINALIS - INSECTICIDES - INTERNAL USE

bi Radeleff, Vet. Med. 42 425, 1947.

Swanson, U. S. Livestock Sanit. Assoc. P. 50:95, 1947.

GASTEROPHILUS INTESTINALIS & MYIASIS

i James, USDA Misc. Pub. 631 96-97, 1947.

GASTEROPHILUS NASALIS (L.)

(THROAT BOTFLY)* (CHIN FLY)

Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.

Telford & Harwood, J. Ec. Ent. 38 399, 1945.

GASTEROPHILUS NASALIS & MYIASIS

James, USDA Misc. Pub. 631:98, 1947.

GASTROIDEA CYANEA (Melsh.), see GASTROPHYSA CYANEA Melsh.

GASTROPHYSA CYANEA Melsh. (GREEN DOCK BEETLE)

Lauderdale, Ariz. St. Ent. R. f. 1945/46:17.

GAUROTES ABDOMINALIS Bland, G. CYANIPENNIS (Say)

i Knoll, Ohio Biol. Surv. B. 39:178-179, 1946.

GELCHOSSA HEIDMENNI Osb. & Drake

Frost, N. Y. Ent. Soc. J. 53:223, 1945.

GELECHIA CERCERISELLA Chamb., see FASCISTA CERCERISELLA (Chamb.)

GELECHIA TRIALBAMACULELLA Chamb., see AROGA TRIALBAMACULELLA (Chamb.)

- GELIS sp.
Baker & Doucette, Wash. B. 470:149, 1945.
i Clancy, Cal. Univ. Pub. Ent. 7:472-473, 1946.
- GELIS TENELLUS (Say)
Beacher, Ent. Soc. Amer. Ann. 40:533, 535-536, 539, 543-544, 1947.
bi Clancy, Cal. Univ. Pub. Ent. 7:468-472, 1946.
Swezey, Hawaiian Ent. Soc. P. 13:11, 1947.
Wilkes & Anderson, Ent. Soc. Ont. R. 77:43, 1947.
- *GENISTA CATERPILLAR, see THOLE-
RIA REVERSALIS (Guen.)
- GENOPHANTIS LEAHI Swezey
Van Zwaluwenburg, Hawaiian Ent. Soc. P. 13:25, 1947.
- GEOCORIS Fall. - DUSTS - DDT
Michelbacher et al., Cal. C. 365:13, 1946.
- GEOCORIS ATRICOLOR Montd.
Knowlton, Bklyn. Ent. Soc. B. 42:79, 1947.
- GEOCORIS BULLATUS (Say)
Underhill & Bodenstein, Va. TB 97:12, 1946.
- GEOCORIS DECORATUS Uhl., see GEO-
CORIS PALLENS Stål
- GEOCORUS PALLENS Stål
Knowlton, Bklyn. Ent. Soc. B. 42:79, 1947.
Pletsch, Mont. B. 446:79, 1947.
Smith, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944. 8, 1945.
- GEOCORIS SONORENSIS Van D.
Clancy, J. Ec. Ent. 39:326-327, 1946.
- GEOCORIS ULIGINOSUS (Say)
Underhill & Bodenstein, Va. TB 97:12, 1946.
- GEOMETRID MOTH, unidentified sp.
Van Zwaluwenburg, Hawaiian Plant-
ers' Rec. 50:16, 1946.
Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f. 1944/45.18, 1946.
- GEOMETRIDAE
Headstrom, Horticulture 24:340-341, 1946.
i Jerrel & Jacques, Iowa Acad. Sci. P. 51:463-465, 1945.
i McDunnough, Can. Ent. 77:97-103, 1945.
- GEOMETRIDAE - ANATOMY & PHYSI-
OLOGY
Forbes, N. Y. Ent. Soc. J. 54:39-46, 1946.
- GEOMETRIDAE - LARVAE
ik McGuffin, Can. Ent. 78:160-162, 1946.
- GEOMETRIDAE - PUPAE
k Forbes, N. Y. Ent. Soc. J. 53:177-210, 1945.
- GEOMETRIDAE - TYPES
McDunnough, Can. Ent. 77:62-68, 1945.
- GEOTRUPINAE - LARVAE
bik Ritcher, Ky. B. 506, 27 p., 1947.
- GERANIUM INSECTS
Wilson, Geraniums:182-185, 1946.
- *GERMAN COCKROACH, see BLAT-
TELLA GERMANICA (L.)
- GERRIDAE
i Devoe, Amer. Mercury 60:620-624, 1945.
- GIANT AFRICAN SNAIL, see SNAILS -
ACHATINA FULICA Bowd.
- *GIANT HORNET, see VESPA CRABRO
GERMANA Christ
- GIANT SWALLOWTAIL, see PAPILIO
THOAS L.
- GIBBIUM PSYLLOIDES (Czemp.)
i Curran, Nat. Hist. 55:46, 1946.
- GILPINIA FRUTETORUM (F.), see
DIPRION FRUTETORUM (F.)
- GILPINIA HERCYNIAE (Htg.), see DIP-
RION HERCYNIAE (Htg.)
- GIN TRASH, INSECTS IN
Annand, USDA EPQ R. f. 1945/46:55.
Armitage et al., Cal. Dept. Agr. B. 34:171, 1945, 35:196, 1946.
Campbell, Cotton & Cotton Oil Press 46(20):14, 1945.
- GIRDLED CICADA, see TIBICEN CINC-
TIFERA (Uhl.)
- GIRSCHNERIA Towns.
bi Brooks, Can. Ent. 77:184-185, 1945.
- GLADIOLUS INSECTS
Granovsky, Minn. Hort. 75:36-37, 59-60, 74-75, 117-119, 1947.
i Grove, Iowa B. P-85:824-826, 1947.
McDaniel, Flor. Rev. 98(2534):33-34, 1946.
McDaniel, Gladiolus 22:41-46, 1947.
Magie & Kelsheimer, Control de Plagas 9:102-103, 1947.
Ryan, Maine Glad. Soc. Glad. Book f. 1947:30-31.
- GLADIOLUS INSECTS - INSECTICIDES
Magie, Gladiolus Mag. 11(6):11, 1947.
Magie & Kelsheimer, Fla. R. f. 1946/47:130.
Magie & Kelsheimer, Fla. PB 634, 4 p., 1947.
Thomssen, Agr. Chem. 2(8):35, 1947.
- *GLADIOLUS THRIPS, see TAENIO-
THRIPS SIMPLEX (Mor.)
- GLAUCOPSYCHE LYGDAMUS BEHRRI
(Edwards) - ANT'S NEST
b Tilden, Pan-Pac. Ent. 23:42-43, 1947.
- *GLASSY CUTWORM, see CRYMODES
DEVASTATOR (Brace)
- GLIRICOLA MEXICANA Zavaleta R.
bni Zavaleta R., Mex. Univ. Nac. Inst. Biol. An. 16:435-438, 1945.
- GLOBICORNIS MARGINATA (Payk.)
Linsley, Pests 14(7):16, 1946.
- GLOSSINA PALPALIS Rob.-Desv. -
SONIFICATION
Kartman et al., J. Parasit. 32:91, 1946.
- GLOSSONOTUS CRATAEGI (Fitch)
(QUINCE TREEHOPPER)*
Wheeler, J. Ec. Ent. 38:274, 1945.
- *GLOVER SCALE, see LEPIDOSAPHES
GLOVERII (Pack.)
- GLOXINIA INSECTS - DUSTS
i Knecht, Begonian 12:125, 1945.
- GLYCOBIUS SPECIOSUS (Say) (SUGAR-
MAPLE BORER)*
i Boyd, N. J. Dept. Agr. C. 355:117-118, 1945.

- GLYCOBIUS SPECIOSUS--Continued.
i Knull, Ohio Biol. Surv. B. 39:214, 1946.
- GLYCYPHAGUS DOMESTICUS (Deg.)
i Meek, Rabbit Raising for Profit. 217-218, 1947.
- GLYPTA sp.
Boyce, Quebec Soc. Protect. Plants R. 30:98, 1947.
Webster & Shenefelt, Wash. B. 470:39, 1945.
- GLYPTA FUMIFERANAE (Vier.)
i Brown, Can. Ent. 78:138-147, 1946.
Coppel, Ent. Soc. Ont. R. 77:39, 1947.
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946. 61, 1947.
Picard, Quebec Min. Lands & For. R. f. 1944/45.113, 1946.
Wilkes & Anderson, Ent. Soc. Ont. R. 77:41-43, 1947.
- GLYPTA HAESITATOR Grav.
Fulton, B. C. Ent. Soc. P. 43:25-27, 1947.
Webster & Shenefelt, Wash. B. 470:39, 1945.
Wishart, Ent. Soc. Ont. R. 77:36-37, 1947.
- GLYPTA MUTICA Cushman.
Taschenberg, Cornell Univ. Abs. Theses f. 1945.155, 1946.
- GLYPTA RUFISCUTELLARIS Cress.
Boyce, Ent. Soc. Ont. R. 77:21-25, 27, 29-31, 33-34, 1947.
Jaynes & Marucci, J. Ec. Ent. 40:11, 1947.
Martin, Oreg. C. Inform. 390:4, 1946.
Ross, Can. Ins. Pest Rev. 25:95, 1947.
Wheeler, N. Y. (G.) R. 63:24, 1945.
- GLYPTOCELESTIS SCAMULATA Crotch (GRAPE BUD BEETLE)
Ebeling, Cit. Leaves 25(11):11, 1945.
Ebeling, J. Ec. Ent. 38:600, 1945.
Ebeling, Cal. Cit. Expt. Sta. News Let. 23:3 p., 1945; 27:4 p., 1946.
- GLYPTOTERMES PUBESCENS Snyder
Martorell, P. R. Univ. J. Agr. 29:358-360, 1945.
- GNATHAMITERMES PERPLEXUS (Banks) - CASTES
b Light & Weesner, Science 106:244-245, 1947.
- GNATHOCERUS CORNUTUS (F) (BROAD-HORNED FLOUR BEETLE)*
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):10-11, 1946.
- GNATHOTRICHUS MATERIARIUS (Fitch)
Beal & Massey, Duke Univ. School For. B. 10:120-121, 1945.
- GNOPHOTHrips PINIPHILUS Cwfd.
Eddy, R. I. Dept. Agr. & Conserv. R. 10:55-56, 1945.
- GNORIMOSCHEMA GUDMANNELLA (Wism.)
Annand, USDA EPQ R. f. 1944/45:30.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):3.
- GNORIMOSCHEMA OPERCULELLA (Zell.) (POTATO TUBERWORM)* (TOBACCO SPLITWORM)
Brannon, Wash. St. Hort. Assoc. P. 42:130, 1946.
- GNORIMOSCHEMA OPERCULELLA--Continued.
Brooks & Anderson, Va. Ext. Veg. Grow. News 1(5):3, 1946.
Bruner & Valdés Barry, Control de Plagas 8 [i.e. 7]:54, 1945.
Eddy, R. I. Dept. Agr. & Conserv. R. 10:58, 1945.
Flock, Ariz. St. Ent. R. f. 1944.17, 1945.
Kelsheimer, Fla. R. f. 1944/45.120.
i Kulash, N. C. Res. & Farm 5 (Prog. R. 3):6-7, 1947.
Look, Hawaiian Ent. Soc. P. 13:15, 1947.
Martin, N. J. R. 67:40, 1947?
i Nettles et al., S. C. Ext. B. 109:38, 1947.
Rice et al., Del. B. 259:23, 1945.
White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:9-10, 1945; in 1945:11-12, 1946.
- GNORIMOSCHEMA OPERCULELLA - DISEASES
Allen & Brunson, Science 105:394-395, 1947.
b McCoy, N. Y. Ent. Soc. J. 55:51-55, 1947.
Steinhaus, J. Ec. Ent. 38:718, 1945.
- GNORIMOSCHEMA OPERCULELLA - ERADICATION
Lyle, J. Ec. Ent. 40:3, 1947.
- GNORIMOSCHEMA OPERCULELLA - INSECTICIDES
b Ebeling, J. Ec. Ent. 38:26-34, 1945.
Mackie, Cal. Dept. Agr. Sp. Pub. 209:37-42, 1945.
Michelbacher et al., Agr. Chem. 2(3) 21-23, 52-54, 68, 1947.
- GNORIMOSCHEMA OPERCULELLA - INSECTICIDES - DDT
Anderson & Hofmaster, Va. Acad. Sci. P. 25:61-62, 1947. (Abs.)
Lange & Herbert, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:28, 1945.
- GNORIMOSCHEMA OPERCULELLA - NEW JERSEY
Boyd, N. Y. Ent. Soc. J. 53(1):68, 1945.
- GNORIMOSCHEMA OPERCULELLA - PARASITES
Annand, USDA EPQ R. f. 1946/47.25.
Bartlett & Martin, J. Ec. Ent. 38:120, 1945.
Finney, J. Ec. Ent. 38:120, 1945.
b Martin & Finney, J. Ec. Ent. 39:29-38, 1946.
Trullinger et al., USDA OES R. f. 1945/46:111, 1947.
- GNORIMOSCHEMA OPERCULELLA - QUARANTINE
Mackie, Cal. Dept. Agr. Sp. Pub. 209:36-43, 1945.
- GNORIMOSCHEMA OPERCULELLA - REARING
Burgess, Ariz. R. 56:47, 1946.
Martin, J. Ec. Ent. 39:516-520, 1946.
- GNORIMOSCHEMA OPERCULELLA - SURVEYS
Annand, USDA EPQ R. f. 1944/45:30-31.

- GNORIMOSCHEMA OPERCULELLA** -
SURVEYS--Continued.
Annand, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:37, 1946.
i White, USDA EPQ Pest Surv. Sp. Sup.
(1945, No. 5), 8 p.; (1946, No. 5), 9 p.
- GNORIMOSCHEMA OPERCULELLA AS**
REARING MEDIUM
Anderson, Colo. Bur. Plant & Ins. Con-
trol R. f. 1945/46:18-23.
Anderson, West. Colo. Hort. Soc.
Trans. f. 1945:57-58, 1946; f. 1946:
83,85-87,89-90, 1947.
Annand, USDA EPQ R. f. 1943/44:3;
f. 1944/45:24; f. 1945/46:23; f.
1946/47:26.
b Douth & Finney, J. Ec. Ent. 40:577,
1947.
Ewing, Sci. Digest 17(2):67, 1945.
Finney, Blue Anchor 24(2):24,44-45,
1947.
Finney, Sunsweet Std. 30(9):5,10, 1947.
b Finney et al., J. Ec. Ent. 38:319-323,
1945.
bi Finney et al., Hilgardia 17:437-483,
1947.
bi Flanders, J. Ec. Ent. 38:323-327;
394-395, 1945.
Martin, J. Ec. Ent. 39:516-520, 1946.
b Martin & Finney, J. Ec. Ent. 39:29-
38, 1946.
bi Smith, J. Ec. Ent. 38:316-319, 1945.
Weiss, N. J. Dept. Agr. R. 30:192,
1945; 31:150, 1946; 32:157, 1947.
- GNORIMOSCHEMA PLAESIOSEMA** (Turn.)
Annand, USDA EPQ R. f. 1944/45:30.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1):5.
- GNORIMOSCHEMA TUBEROSELLA**
Busck.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1):5.
- ***GOAT BITING LOUSE**, see **BOVICOLA**
CAPRAE (Gurlt)
- ***GOAT SUCKING LOUSE**, see **LINO-**
NATHUS STENOPSIS (Burm.)
- GOATS** - PESTS
Alicata, Pac. Sci. 1:76-77,81, 1947.
i Imes, Dairy Goat J. 25(6):6-8, 1947.
Rogers, Better Goatkeeping 1.238,
1946.
- GOES DEBILIS** Lec. G. **PULCHER**
(Hald.), G. **PULVERULENTUS**
(Hald.)
Knull, Ohio Biol. Surv. B. 39:237-238,
1946.
- GOES TESSELENTIS** (Hald.) (OAK SAP-
LING BORER)*
Knull, Ohio Biol. Surv. B. 39:238-239,
1946.
- GOES TIGRINUS** (Deg.)
i Knull, Ohio Biol. Surv. B. 39:237,
1946.
- GOLDEN BUPRESTID**, see **BUPRESTIS**
AURULENTA L.
- ***GOLDEN-EYE LACEWING**, see **CHRY-**
SOPA OCULATA Say
- GOLDEN FEATHER LOUSE**, see **GONIO-**
COTES BIDENTATUS Scop.
- GOLDEN-HAired BLOWFLY**, see **NEO-**
POLLENTIA STYLIA (F.)
- ***GOLDEN SPIDER BEETLE**, see **NIPTUS**
HOLOLEUCUS (Fald.)
- ***GOLDENGLOW APHID**, see **MACROSI-**
PHUM RUDEBECKIAE (Fitch)
- GOLDENROD GALLFLY**, see **EUROSTA**
SOLIDAGINIS (Fitch)
- GOLDENROD INSECTS**
Hoffmann, J. Ec. Ent. 38:355-358,
1945.
- GOLDSMITH BEETLE**, see **COTALPA**
LANIGERA (L.)
- GOLF GREENS INSECTS**
Knutson, R. I. Dept. Agr. & Conserv.
R. 12:36, 1947.
- GOMPHIDAE** - INDIANA
bi Montgomery, Ind. Acad. Sci. P. 56:
165-166, 1947?
- GOMPHUS** Leach
bik Needham, Amer. Ent. Soc. Trans.
73:307-339, 1947.
Westfall, Ent. News 56:200-202, 1945.
- GONATOCERUS MEXICANUS** Perk.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:553, 1946.
- GONATOPUS** sp.
Ingram et al., Sugar J. 9(11):23, 1947.
- GONIA TEXENSIS** Reinh.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:549, 1946.
- GONIOCOTES BIDENTATUS** Scop.
(SMALL PIGEON LOUSE)* **GOLD-**
EN FEATHER LOUSE
i Levi, Making Pigeons Pay:220-222,
1946.
- GONIOCOTES GALLINAE** (Deg.)
Alicata et al., Hawaii R. f. 1944/46:98,
1947.
Alicata et al., J. Ec. Ent. 40:922-923,
1947.
- GONIOCOTES HOLOGASTER** Nitz.
(FLUFF LOUSE)*
Alicata et al., Poult. Sci. 25:376-380,
1946.
Bice, Hawaii Ext. B. 86 rev.:1-3, 1947.
Roberts & Peterson, Poult. Sci. 26:
588-593, 1947.
Simms, USDA BAI R. f. 1946/47:58.
b Telford, J. Ec. Ent. 38:573-576,
700-703, 1945; 40:918-921, 1947.
- GONIODES GIGAS** (Tsch.) (LARGE
CHICKEN LOUSE)*
Alicata et al., J. Ec. Ent. 922-923,
1947.
- GONIODES STYLIFER** Nitz., see **VIR-**
GULA MELEAGRIDIS (L.)
- GONITIS PRAERUPTA** (Möschl.)
Martorell, P. R. Univ. J. Agr. 29:510,
1945.
- GONOCALLUS COLLARIS** (Kby.)
i Knull, Ohio Biol. Surv. B. 39:204,
1946.
- GONODONTA MARIA** (Guen.)
Martorell, P. R. Univ. J. Agr. 29:510,
1945.
- GONODONTA NITIDIMACULA** (Guen.)
i Martorell, P. R. Univ. J. Agr. 29:
511-512, 1945.
- GONOPHORA XANTHOMELAENA** (Wied.)
Swezey, Hawaiian Ent. Soc. P. 12:355,
1945.

*GOOSEBERRY FRUITWORM, see
ZOPHODIA CONVOLUTELLA
(Hbn.)

GOOSEBERRY INSECTS

i Cummings, Amer. Nurserym. 86(5)
11,59-60, 1947.

Dewey, N. Y. St. Hort. Soc. P. 90 46,
1945, 91:90, 1946; 92:63, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 306
rev.:31-37, 1946.

GORGYTHION BEGGA PYRALINA

(Mösch.) - TEXAS

Freeman, Ent. News 58:186, 1947.

GORYTINAE - PREY

Pate, Bklyn. Ent. Soc. B. 41.99, 1946.

GOSSYPARIA SPURIA (Mod.) (EURO-
PEAN ELM SCALE)*

i Boyd, N. J. Dept. Agr. C. 355:102-
103, 1945.

Chambers, Wis. Dept. Agr. B. 274:76,
1946.

Davis, Amer. Nurserym. 84(9).10,
1946.

Davis, Ind. Acad. Sci. P. 56:151, 1947?

i Muma, Neb. Ext. C. 1536 rev.:3-4,
1946.

Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:15, 1947.

Smith et al., Kans. Ent. Soc. J. 20.51,
58, 1947.

GOSSYPARIA SPURIA - ERADICATION

Lyle, J. Ec. Ent. 40.4, 1947.

GOSSYPARIA SPURIA - SPRAYS

List & Payne, Science 105:183, 1947.

i Morrow, Green Thumb 3(6):18, 1946.

Yapp, Kans. Ent. Comm. Bien. R. 20.
7, 1946.

GOSSYPARIA SPURIA - SPRAYS - DDT

Davis, Amer. Assoc. Ec. Ent. N. Cent.
Sts. Branch P. 2:73, 1947.

Deay, Ind. R. 60.72, 1947.

GRACILARIA sp.

Beckwith, N. J. Dept. Agr. C. 356:48,
1945.

Glendenning, Can. Ins. Pest Rev. 25:
104, 1947.

GRACILARIA AZALEELA Brants (AZA-
LEA LEAF MINER)*

Smith et al., Agr. Chem. 2(12):61, 1947.

White, USDA EPQ E-692:12, 1946.

GRACILARIA NEGUDELLA Chamb.

(BOXELDER LEAF ROLLER)*

Manson et al., Can. Ins. Pest Rev. 24:
99, 1946.

Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:55, 1945;
f. 1945:56, 1946.

Peterson, Can. Ins. Pest Rev. 25:69, 1947.

Peterson & Sandercock, Can. Dept.

Agr. Div. Ent. For. Ins. Surv. R. f.

1946:69, 1947.

GRACILARIA PERSEAE Busck (AVOCADO
LEAF ROLLER)

Wolfe et al., Fla. Ext. B. 129:88, 1946.

GRACILARIA SYRINGELLA (F.) (LILAC
LEAF MINER)*

Cummings, Amer. Nurserym. 83(7):
14, 1946.

Gauthier, Can. Ins. Pest Rev. 24:32,
1946.

Hammond et al., Can. Ins. Pest Rev.

25:107-108, 1947.

GRACILARIA SYRINGELLA--Continued.

Lambert, Can. Dept. Agr. Div. Ent.

For. Ins. Surv. R. 8:19, 1945.

Reeks et al., Can. Dept. Agr. Div. Ent.

For. Ins. Surv. R. 8:10, 1945.

Thompson, Can. Ins. Pest Rev. 24:42,
1946.

GRACILARIIDAE

i McDunnough, Can. Ent. 78:91-95,
1946.

GRACILIA MINUTA (F.)

i Knull, Ohio Biol. Surv. B. 39:200-
201, 1946.

*GRAIN MITE, see ACARUS SIRO L.

GRAIN MITES

Gray & Smallman, Can. Dept. Agr.
Div. Ent. Processed Pub. 20.6,16,
1945.

*GRAIN THRIPS, see LIMOTHIRPS

CEREALUM Hal.

GRAMINELLA NIGRIFRONS (Forbes) &

PURPLE-TOP WILT OF POTAT-
TOES

Leach & Bishop, W. Va. B. 326:17,
1946.

GRAMMOPTERA EXIGUA (Newm.), G.

FILICORNIS (Casey), G. HAEMA-

TITES (Newm.), G. RUFICEPS

(Lec.), G. SUBARGENTATA (Kby.)

i Knull, Ohio Biol. Surv. B. 39:154-
156, 1946.

*GRANARY WEEVIL, see SITOPHILUS

GRANARIUS (L.)

*GRANULATE CUTWORM, see FELTIA

SUBTERRANEA (F.)

*GRAPE BERRY MOTH, see POLY-

CHROSIS VITEANA (Clem.)

*GRAPE BLOSSOM MIDGE, see CON-

TARINIA JOHNSONI (Sling)

GRAPE BUD BEETLE, see GLYPTO-

SCELIS SQUAMULATA Crotch

GRAPE CANE BORER, see AMPHICE-

RUS BICAUDATUS (Say)

GRAPE CANE GIRDLER, see AMPELO-

GLYPTER ATER Lec.

*GRAPE COLASPIS, see COLASPIS

FLAVIDA (Say)

*GRAPE ERINEUM MITE, see ERIO-

PHYTES VITIS (Pgst.)

*GRAPE FLEA BEETLE, see ALTICA

CHALYBEA (Ill.)

GRAPE INSECTS

i Banta, Amer. Fruit Grow. 65(9):14-
15, 1945.

Dewey, N. Y. St. Hort. Soc. P. 90:45,
1945; 91:89, 1946; 92:62, 1947.

bi Dickey et al., Fla. B. 436:40-44,
1947.

i Fillinger, Kans. C. 235:37-39, 1946.

i Hedrick, Grapes & Wines from

Home Vineyards:93-99, 1945.

Jacob et al., Cal. Ext. C. 116 rev.:
63-64, 66-70, 1947.

i Mills & Dewey, N. Y. (C.) Ext. B.
306 rev.:44-54, 1946.

i Parks & King, Ohio Ext. B. 76 rev.:
24-25, 1947.

Pelton, Tenn. Ext. Pub. 297:11,13,
1946.

Roberts & Bourne, Mass. Ext. Leaf.

64 rev.:12-13,15, 1947.

GRAPE INSECTS--Continued.

- Ruth et al., Ill. St. Hort. Soc. Trans. 78:56-57, 1945.
 Steinweden, Cal. Dept. Agr. B. 34:182, 1945; 35:202, 1946.
 Still, Ohio St. Hort. Soc. P. 100:146-151, 1947.
 Wagner, Wine Grow. Guide:143-148, 1945.
- GRAPE INSECTS - INSECTICIDES
 Hartsell & Taschenberg, N. Y. (G.) R. 65:17, 1947.
 Richards & Conklin, N. H. Ext. Folder 15:2-4, 1947.
 Stanley, Tenn. St. Hort. Soc. P. 40:94, 1946.
- GRAPE INSECTS - INSECTICIDES - DDT
 Bromley, Horticulture 13:132, 1945.
 Cox, Pa. B. 475, Sup. 1:3-4, 1946.
 Fleming & Maines, J. Ec. Ent. 40:845-850, 1947.
 Hutson, Mich. St. Hort. Soc. R. 75:126, 1946.
 Pepper, Pa. B. 475 sup. 1:2, 1946.
 Still, Ohio St. Hort. Soc. P. 79:80-83, 1946.
- GRAPE INSECTS - ONTARIO
 i Ross & Armstrong, Can. Dept. Agr. Sci. Serv. Div. Ent. Processed Pub. 26,8 p., 1945.
- *GRAPE LEAF FOLDER, see DESMIA FUNERALIS (Hbn.)
 *GRAPE LEAF SKELETONIZER, see HARRISINA AMERICANA (Guér.)
- GRAPE LEAFHOPPERS, see ERYTHRONEURA
 *GRAPE MEALYBUG, see PSEUDOCOC-CUS MARITIMUS (Ehrh.)
 *GRAPE PHYLLOXERA, see PHYLLOXERA VITIFOLIAE (Fitch)
 *GRAPE PLUME MOTH, see PTEROPH-ORUS PERISCLEIDACTYLUS (Fitch)
 *GRAPE ROOTWORM, see FIDIA VITI-CIDA Walsh
 GRAPE SPHINX (ARIZONA), see PHOLUS ACHEMON (Drury)
 *GRAPE TRUNK BORER, see CLYTO-LEPTUS ALBOFASCIATUS (Cast. & Gory)
- GRAPEFRUIT INSECTS - CONTROL - COSTS
 Cal. Ext. Citrus Prod. Cost Study Lemons & Grapefruit San Bernardino Co. 1945:5,11; 1946:11.
 *GRAPEVINE APHID, see APHIS ILLI-NOISENSIS Shimer
 *GRAPEVINE LOOPER, see LYGRIS DI-VERSILINEATA (Hbn.)
 GRAPEVINE TOMATO GALL, see LASI-OPTEA VITIS O. S.
 GRAPHISURUS FASCIATA (Deg.), G. HEBES (Casey)
 Knull, Ohio Biol. Surv. B. 39:256-257, 1946.
 GRAPHISURUS OBLIQUUS Lec., see ACANTHOCINUS OBLIQUUS (Lec.)
 GRAPHISURUS TRIANGULIFERA (Hald.)
 Knull, Ohio Biol. Surv. B. 39:257, 1946.
 GRAPHOCEPHALA VERSUTA (Say) - PREDATORS
 Shappirio, Sci. Month. 64:350, 1947.

GRAPHOGNATHUS Buch.

- Annand, USDA EPQ R. f. 1943/44:42-43; f. 1944/45:25,41-43, f. 1945/46:37-38.
 Annand, New Internatl. YB 1944:296, 1945.
 Annand, Southeast. Cotton Ins. Control Conf. R. P. 1:8, 1947.
 Brown, Cit. Indus. 28(3):3,24-25, 1947.
 ntk Buchanan, Wash. Acad. Sci. J. 37:19-22, 1947.
 French, Va. Dept. Agr. & Immigr. R. f. 1944/45:53.
 Gaddis, Cal. Dept. Agr. Sp. Pub. 209:120-121, 1945.
 Phillips, Gard. Gossip 20(6):13, 1945.
 Price & Tilson, Ky. Regulat. B. 44:3-4, 1945, 50:11, 1946; 56:13-14, 1947.
 Smith, Fla. Ext. R. f. 1945:32.
 Weiss, N. J. Dept. Agr. R. 32:151-152, 1947.
 Young, Sum. of Actual & Potential Damage Caused by White-Fringed Beetles..., 1-3, 1946.
- GRAPHOGNATHUS - ERADICATION
 Lyle, J. Ec. Ent. 40:3, 1947.
- GRAPHOGNATHUS - FOOD & HOST PLANTS
 Annand, USDA EPQ R. f. 1945/46:38.
- GRAPHOGNATHUS - INSECTICIDES
 Annand, USDA EPQ R. f. 1943/44:26, f. 1944/45:12; f. 1945/46:5,11,19,38; f. 1946/47:8,25.
 Popham, USDA YB f. 1943/47:840-841
- GRAPHOGNATHUS - NEMATODES
 Annand, USDA EPQ R. f. 1943/44:11.
 b Swain, J. Ec. Ent. 38:488-490, 1945.
- GRAPHOGNATHUS - PREDATORS - BIRDS
 Berry, J. Ec. Ent. 40:708-709, 1947.
- GRAPHOGNATHUS - QUARANTINE
 Anderson, USDA EPQ SRA 166:44-45, 1947.
 Annand, USDA EPQ SRA 161:100-101, 1945.
 Annand, USDA EPQ R. f. 1946/47:65.
 Brannan, USDA EPQ SRA 161 93-100, 1945.
 Dodd, USDA EPQ SRA 167:4-15, 1947.
 Young, Sum. of Actual & Potential Damage Caused by White-Fringed Beetles..., 5 p., 1946.
- GRAPHOGNATHUS - SOUTH AMERICA
 b Berry, J. Ec. Ent. 40:705-709, 1947.
- GRAPHOGNATHUS LEUCOLOMA FE-CUNDUS Buch.
 nt Buchanan, Wash. Acad. Sci. J. 37:20-21, 1947.
 McClanahan, Fla. St. Plant Bd. Bien. R. 16:31-33, 1946.
- GRAPHOGNATHUS LEUCOLOMA FE-CUNDUS - INSECTICIDES
 Baker, USDA YB f. 1943/47:652-653.
 Packard, USDA EPQ E-640:5-7, 1945.
 Young, USDA EPQ E-662,14 p., 1945.
- GRAPHOGNATHUS LEUCOLOMA IMI-TATOR Buch.
 nt Buchanan, Wash. Acad. Sci. J. 37:20-22, 1947.

- GRAPHOGNATHUS LEUCOLOMA STRIATUS (Buch.)
Alden, Ga. Dept. Ent. B. 89:12, 1946; 90:10-11, 1947.
Alden, Amer. Nurseryman. 86(6):43, 1947.
Alden, Contact 13(3):4-5, 1947.
Anderson, La. Comnr. Agr. & Immigr. Bien. R. 32.95-96, 1946.
Armitage et al., Cal. Dept. Agr. B. 35. 197, 1947.
McClanahan, Fla. St. Plant Bd. Bien. R. 16 29,32, 1946.
GRAPHOGNATHUS PEREGRINUS (Buch.)
Berry, J. Ec. Ent. 40:705, 1947.
GRAPHOLITHA INTERSTINCTANA (Clem.) (CLOVER HEAD CATER-PII LAR)* (CLOVER SEED CATER-PILLAR)
Drake, Iowa Dept. Agr. YB 47:149, 1947.
Manis & Shull, Ida. B. 269:32-33, 1947.
GRAPHOLITHA MOLESTA (Busck) (ORIENTAL FRUIT MOTH)*
Blackburn, Ohio B. 659:104-106, 1945.
Bobb, Va. R. f. 1945/46:36.
Chandler, Ill. St. Hort. Soc. Trans. 80 139-140, 1947.
Davis, Ind. Acad. Sci. P. 56:150, 1947?
Flock, Ariz. St. Ent. R. f. 1944.19, 1945.
Garman et al., USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944: 7, 1945.
Gates, Neb. Dept. Agr. & Insp. Bien. R. 1940-1944:77-78, 1945.
Gates, Green Thumb 2(2):20-21, 1945.
Houser, Ohio St. Hort. Soc. P. 100:23, 1947.
bi Marcovitch & Stanley, Tenn. B. 195: 13-16, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 711. 63,65,69-70,75,78, 1947.
Ragland & Overcash, Miss. Farm Res. 10(12):7, 1947.
Ritcher, Ky. Fruit Notes 3(3):2, 1946.
Sanders, La. Ext. C. 259:18-19, 1946.
Smith et al., Kans. Ent. Soc. J. 19:49, 1946; 20:55,58, 1947.
Tuthill & Shull, Ida. B. 268:42, 1946.
USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:6, 1946.
GRAPHOLITHA MOLESTA - ATTRACTANTS
Chisholm et al., J. Ec. Ent. 39:399, 1946.
GRAPHOLITHA MOLESTA - CALIFORNIA
Armitage, Cal. Dept. Agr. Prog. R. 1, 2 p.; 2,4 p., 1945.
Armitage, Cal. Dept. Agr. B. 33:229-233,242, 1945; 34:187, 1946.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:5,9; f. 1945/46: 12; f. 1946/47:15.
Smith, Cal. Ext. C. 98 rev.:48-51, 1946.
GRAPHOLITHA MOLESTA - CANADA
Gardiner, Can. Min. Agr. R. f. 1946/47:84,103-104.
Ross, Can. Hort. Grow. Ed. 69:28, 1946.
GRAPHOLITHA MOLESTA - CANADA-- Continued.
Ross, Can. Ins. Pest Rev. 24:45, 1946; 25:95-96, 1947.
Wressell, Can. Ins. Pest Rev. 24:57, 1946.
GRAPHOLITHA MOLESTA - CONTROL
Bourne, Mass. Ext. Fruit Notes, June 28, 1945:7.
Brannon, Wash. St. Hort. Assoc. P. 42 129-130, 1946.
Bromley, J. Ec. Ent. 40:239, 1947.
Cooper, Ky. R. 58:47-48, 1946.
Ferguson et al., La. Ext. B. 7 18-19, 1947. (Repr.)
Graham et al., Md. Ext. B. 105 26, 1945.
Sherwood, W. Va. Ext. C. 320 rev.. 60-61, 1946.
i Shull & Manis, Idaho Ext. C. 86, 8 p., 1945.
Slate, Conn. R. f. 1944/45:18-20.
i Snapp, Amer. Fruit Grow. 67(2) 16, 1946.
Talbert, Mo. B. 509 34-35, 1947.
Wheeler, N. Y. St. Hort. Soc. P. 91: 11-17, 1946; 92 74-80, 1947.
Wheeler & La Plante, N. Y. (G.) R. 65:17-18, 1947.
Williams, Conn. Ext. B. 377.25-26, 1946.
Va. Ext. B. 131 rev.:20-21, 1947.
GRAPHOLITHA MOLESTA - DIAPAUSE
Dickson & Sanders, J. Ec. Ent. 38: 605-606, 1945.
GRAPHOLITHA MOLESTA - DISTRIBUTION
Haeussler, Cal. Dept. Agr. Sp. Pub. 209:92-94, 1945.
GRAPHOLITHA MOLESTA - DUSTS
Chandler et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 50-51, 1947.
Powell & Chandler, Ill. St. Hort. Soc. Trans. 79:377-378, 1946.
Thies, Mass. Ext. Fruit Notes Dec. 31, 1945:5.
GRAPHOLITHA MOLESTA - DUSTS - DDT
Marshall, Ind. Hort. Soc. Trans. 85. 54, 1946.
GRAPHOLITHA MOLESTA - FOOD & HOST PLANTS
Armitage, Cal. Dept. Agr. B. 33:231-232, 1945.
GRAPHOLITHA MOLESTA - FUMIGANTS
Armitage, Cal. Dept. Agr. B. 33:231, 242, 1945.
i Johnson et al., USDA EPQ E-711, 42 p., 1947.
Steinweden, Cal. Dept. Agr. B. 34: 175-176, 1946.
GRAPHOLITHA MOLESTA - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:6, 11-12; f. 1945/46:3; f. 1946/47:11-12.
Armstrong & Ritcher, Ky. Fruit Notes 3(1):3-5, 1946.
Chandler, Ill. St. Hort. Soc. Trans. 79: 290, 1946; 80:271-272, 1947.

GRAPHOLITHA MOLESTA - INSECTICIDES--Continued.

- Garman, Conn. B. 501:79-80; 512:70-75, 1946.
Garman, Conn. Pom. Soc. P. 55:25, 1946; 56:24-25, 28-29, 1947.
Garman & Brigham, Conn. B. 512:89-91, 1946.
Harman, N. Y. (G.) R. 64:31-32, 1946.
Marcovitch & Stanley, Tenn. R. 58: 113-114, 1946.
Shull & Manis, Idaho Ext. C. 86:6-8, 1945.

GRAPHOLITHA MOLESTA - INSECTICIDES - DDT

- i Blackburn & Weaver, Ohio St. Hort. Soc. P. 100:26-41, 1947.
Hutson, Mich. St. Hort. Soc. R. 75:58-61, 1946.
Marshall, Ind. R. 58:52-53, 1945.
Marshall et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:75-77, 1946.
Phillips, N. Y. St. Hort. Soc. P. 92:80-83, 1947.
Whitcomb, Mass. Ext. Fruit News, Apr. 30, 1946:2-3.

GRAPHOLITHA MOLESTA - LOSSES CAUSED BY

- Gates, Green Thumb 2(2):21, 1945.

GRAPHOLITHA MOLESTA - NURSERY STOCK

- Brunson, J. Ec. Ent. 39:797-800, 1946.
Haeussler, Cal. Dept. Agr. Sp. Pub. 209:92-100, 1945.

GRAPHOLITHA MOLESTA - OREGON

- Davis, Oreg. Dept. Agr. Bien. R. f. 1944/46:39, 41.
i Davis, Oreg. Dept. Agr. B. 148:10-12, 1945.
McKennon, Oreg. St. Hort. Soc. R. 37. 61-63, 1945.
i Martin, Oreg. C. Inform. 390:6 p., 1946.

GRAPHOLITHA MOLESTA - PARASITES

- Allen, J. Ec. Ent. 38:119-120, 1945.
Anderson, Colo. Bur. Plant & Ins. Control R. f. 1945/46:18-23.
Anderson, West. Colo. Hort. Soc. Trans. f. 1945:55, 57-58, 1946; f. 1946:81-83, 85-87, 89-90, 1947.
Annand, New Internatl. YB 1944:296, 1945.
Annand, USDA EPQ R. f. 1943/44:3; f. 1944/45:24; f. 1945/46:23; f. 1946/47:25-26.
Armitage, Cal. Dept. Agr. B. 33:232-233, 1945.
Blackburn, Ohio B. 665:23-24, 1946; 673:59-60, 1947.
Boyce, Ent. Soc. Ont. R. 77:21-34, 1947.
Brigham, Conn. Pom. Soc. P. 56:93, 1947.
Cartwright, S. C. R. 57:57-58, 1945.
Chandler, Ill. St. Hort. Soc. Trans. 79: 131-133, 1946.
Cooper, Ky. R. 57:30-31, 1945; 58:48, 1946; 59:47, 1947.
Davis, Oreg. Dept. Agr. B. 148:10-11, 1945.

GRAPHOLITHA MOLESTA - PARASITES--Continued.

- Ewing, Sci. Digest 17(2):66-68, 1945.
Finney, Blue Anchor 24(2):24, 44-45, 1947.
Finney, Sunsweet Std. 30(9):5, 10, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:97.
Gates, Colo. Bur. Plant & Ins. Control R. f. 1945/46:16-18.
b Haeussler, J. Ec. Ent. 38:103-106, 1945.
Jardine et al., USDA OES R. f. 1944/45:52, 54, 1946.
Martin, N. J. R. 66:50, 1946.
Martin, Oreg. C. Inform. 390:4-5, 1946.
Marvin, J. Ec. Ent. 38:119, 1945.
Parker, Kans. Bien. R. 13:64, 1946.
Sherman, S. C. R. 58:61, 1946.
Shull & Manis, Idaho Ext. C. 86:6, 1945.
Slate, Conn. R. f. 1945/46:12.
bi Smith, J. Ec. Ent. 38:316, 1945.
i Smith, Cal. Citrog. 31:452-453, 1946.
Weiss, N. J. Dept. Agr. R. 30:192-193, 1945; 46:149-151, 1946; 32 156-157, 1947.
Wheeler, N. Y. (G.) R. 63:23, 1945.
i Wheeler, N. Y. (G.) Farm Res. 12 (3):14-15; Can. Hort. Grow. Ed. 69. 203-204, 217, 1946.
Wheeler, N. Y. St. Hort. Soc. P. 91. 11-15, 1946.
Va. Ext. B. 131 rev.:21, 1945.
- GRAPHOLITHA MOLESTA - PARASITES - REARING**
- Blackburn, J. Ec. Ent. 39:542-543, 1946.
- GRAPHOLITHA MOLESTA - PARASITES - SPRAYS - DDT**
- Blackburn & Peterson, Ohio St. Hort. Soc. P. 79:90-93, 1946.
Blackburn & Weaver, Ohio St. Hort. Soc. P. 100:35, 38-41, 1947.
Peterson, Ohio J. Sci. 46:322-326, 1946.
- GRAPHOLITHA MOLESTA - QUARANTINE**
- Armitage, Cal. Dept. Agr. Prog. R. 2: 1-3, 1945.
Boyer, Cal. Dept. Agr. Sp. Pub. 209: 105-107, 1945.
Davis, Oreg. Dept. Agr. B. 148:10, 1945.
Gates, Cal. Dept. Agr. Sp. Pub. 209: 104-105, 1945.
Gates, West. Colo. Hort. Soc. Trans. f. 1945:54-55, 1946.
Hunt, Cal. Dept. Agr. B. 33:273, 1945.
Lauderdale, Cal. Dept. Agr. Sp. Pub. 209:107-112, 1945.
Messenger, Cal. Dept. Agr. B. 34:203, 205, 1946.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:4; f. 1945/46:8
Schweis, Cal. Dept. Agr. Sp. Pub. 209: 9, 1945.
Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:18.

GRAPHOLITHA MOLESTA - QUARAN-
TINE -Continued.

White, Cal. Dept. Agr. Sp. Pub. 209-
100-103, 1945.

USDA EPQ SRA 166:98, 1947.

GRAPHOLITHA MOLESTA - QUINCE
b Wheeler, J. Ec. Ent. 38:281-282,
1945.

Wheeler & La Plante, N. Y. (G.) R. 64
33-34, 1946.

GRAPHOLITHA MOLESTA - REARING
Blackburn, J. Ec. Ent. 39:542-543,
1946.

GRAPHOLITHA MOLESTA - SPRAYS

Bobb, Va. R. f. 1946/47-29.
Campbell, R. I. R. 59:25, 1947.

Dustan et al., Sci. Agr. 26:109, 1946.

Graham et al., Md. Ext. B. 112.34,
1946.

Parker & Beacher, Del. B. 264.23,
1947.

Stearns, Cumberland-Shenandoah
Fruit Workers' Conf. P. 23.[21],
1946.

Stearns et al., J. Ec. Ent. 40:80-81,
1947.

Steiner, Pa. St. Hort. Assoc. P. 87 38-
40, 1946.

Wheeler & La Plante, J. Ec. Ent. 39
211-215, 1946.

GRAPHOLITHA MOLESTA - SPRAYS -
DDT

Baker & Porter, USDA EPQ E-637 5,
1945.

Blackburn, Ohio B. 673.60-61, 1947.

Blackburn & Peterson, Ohio St. Hort.
Soc. P. 79:84-93, 1946.

Conklin, N. H. Hort. Soc. J. 9:51, 1946.

Dewey, N. Y. St. Hort. Soc. P. 91 78,
1946.

Driggers, J. Ec. Ent. 39 181-183, 1946.

Driggers, N. J. Agr. 29(4):4, 1947.

Driggers, N. J. St. Hort. Soc. Hort.
News 28:1925, 1947.

Fleming, USDA EPQ E-724.12, 1947.

Harman, J. Ec. Ent. 39.210, 1946.

Hutson, Mich. St. Hort. Soc. R. 75:127-
128, 1946.

Lininger et al., Pa. B. 475:29, 1945,
480:40, 1946.

Marcovitch & Stanley, Tenn. R. 59:91-
92, 1947.

Newcomer, Wash. St. Hort. Assoc.
Proc. 41:51, 1945.

Ross, Can. Dept. Agr. Div. Ent. Proc-
essed Pub. 64:2, 1947.

Steiner, Pa. St. Hort. Assoc. P. 87:88,
1946.

Trullinger et al., USDA OES R. f.
1945/46:108-109, 1947.

Wheeler, N. Y. (G.) Farm Res. 12(3):
15; Can. Hort. Grow. Ed. 69:204,
1946.

Whitcomb et al., Mass. Fruit Grow.
Assoc. R. 52:55, 1946.

Yetter, J. Ec. Ent. 40:274-275, 1947.

GRAPHOLITHA MOLESTA - SURVEYS

Annand, USDA EPQ R. f. 1943/44:33;
f. 1944/45:30; f. 1945/46:31-32.

Annand, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:37-38, 1946.

GRAPHOLITHA MOLESTA - SURVEYS
--Continued.

Armitage, Cal. Dept. Agr. B. 33:229-
230, 233, 1945, 34:159-163, 174,
1946; 35:189-190, 1947.

Davis, Oreg. St. Hort. Soc. R. 38:26-
27, 1946, 39:47-48, 1947.

Gates, West. Colo. Hort. Soc. Trans.
f. 1944:10-15, 1945.

Jones, Cal. Dept. Agr. B. 35:189-190,
1947.

Welling, Utah St. Bd. Agr. Bien. R.
13.30, 1947?

GRAPHOLITHA MOLESTA - TRAPS

Armitage, Cal. Dept. Agr. B. 33 230,
1945.

Va. Ext. B. 131 rev. 21, 1945.

GRAPHOLITHA MOLESTA - TWIG

CLIPPING

Marshall, Ind. R. 58:52, 1945.

Marshall, Ind. Hort. Soc. Trans. 85.
52-54, 1946.

Marshall, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:49-50, 1947.

Marshall, Ind. Acad. Sci. P. 56 170-
172, 1947?

Marshall, Ind. R. 60.71-72, 1947.

GRAPHOLITHA MOLESTA & CANKER
OF PEACH

Hildebrand, N. Y. (C.) M. 276:45,
1947.

GRAPHOLITHA MOLESTA & TEMPERA-
TURE

Brunson, J. Ec. Ent. 39 798-800, 1946

Johnson et al., USDA EPQ E-711.3-
42, 1947.

GRAPHOLITHA PACKARDI (Zell.)

(CHERRY FRUITWORM)*

Beckwith, N. J. Dept. Agr. C. 356:44,
1945.

Gates, Colo. Bur. Plant & Ins. Control
R. f. 1945/46 9-15.

List, Rocky Mountain Conf. Ent. R.
18-8, 1947.

GRAPHOLITHA PRUNIVORA (Walsh)

(LESSER APPLEWORM)*

Eide, Wash. St. Hort. Assoc. P. 42.
123-124, 1946.

Lathrop et al., Maine Ext. B. 353:9-
10, 1947.

Stanley, Tenn. Hort. 25(1).3-4, 1947.

GRAPHOLITHA SALTITANS (Westw.)

(JUMPING BEAN) (MEXICAN

JUMPING BEAN)

Hess, Nature Mag. 38 473-475, 1945.

GRAPHOLITHA TRISTRIGANA (Clem.)

Frost, N. Y. Ent. Soc. J. 53:222, 1945.

GRAPHOPS PUBESCENS (Melsh.)

Filinger, Kans. C. 235:40, 1946.

GRAPTODERA CHALYBEA (Ill.), see

ALTICA CHALYBEA (Ill.)

GRAPHOLITHA Hbn.

Callenbach, Mont. Ext. Ser. A-54,
1 p., 1945.

GRAPHOLITHA sp.

Maxwell, Can. Ins. Pest Rev. 25:83,
1947.

GRAPTOLITHA ANTENNATA (Wlkr.),

see LITHOPHANE ANTENNATA

(Wlkr.)

- GRAPTOSTETHUS MANILLENSIS** (Stål)
i Swezey, Hawaiian Ent. Soc. P. 12: 335-340, 1945.
Usinger, Hawaiian Ent. Soc. P. 13:107-108, 1947.
Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12:488, 1946.
Williams, Hawaiian Ent. Soc. P. 13: 28-29, 1947.
- GRAPTOSTETHUS SERVUS** (F.) (in Hawaii), see **GRAPTOSTETHUS MANILLENSIS** (Stål)
- GRASS INSECTS**
Ingram, USDA EPQ E-647:4, 1945.
bi Jewett & Townsend, Ky. B. 508, 16 p., 1947.
Knowlton, J. Ec. Ent. 38:707-708, 1945.
Osborn, Ent. Soc. Wash. P. 49:149-150, 1947.
Parks & King, Ohio Ext. B. 76 rev.: 26-27, 1947.
i U. S. War Dept. TM 5-632 (PB-2435): 105-111, 1945.
- GRASS INSECTS, see also GOLF GREENS INSECTS; GRASSLAND INSECTS; LAWN INSECTS; PASTURE INSECTS; TURF INSECTS**
- GRASS INSECTS & LIGHT**
Jones, Tex. Acad. Sci. P. & Trans. 29:125, 1946. (Abs.)
- *GRASS THRIPS, see ANAPHOTHRIPS OBSCURUS** (Müll.)
- *GRASSHOPPER MAGGOT, see SAR-COPHAGA KELLYI** Ald.
- GRASSHOPPER STAIN - REMOVAL**
DeBoth, Mod. Household Encyclop.: 138, 1946.
- GRASSHOPPERS**
Annand, USDA EPQ R. f. 1943/44:10.
Bissell & Dupree, Ga. B. 254:5, 1947.
i Chaffee, Amer. Childhood 32(10):55, 1947.
Chambers, Wis. Dept. Agr. B. 274:80-81, 1946.
i Fullaway & Krauss, Common Insects of Hawaii:36-38, 1945.
Larrimer, USDA FB 1714 rev.:25, 1946.
Lauderdale, Ariz. St. Ent. R. f. 1944: 9-10, 1945.
Mills et al., Mont. B. 442.4-11, 1947.
bi Moon et al., Mod. Biol.:289-295, 325, 1947.
Severin, S. Dak. R. 58:33, 1945; 59: 16-17, 1946.
Underhill & Bodenstein, Va. TB 97:11-12, 1946.
Wehrle, Ariz. Mimeo. R. 81,8 p., 1946.
Welling, Utah St. Bd. Agr. Bien. R. 13: 30-31, 1947?
- GRASSHOPPERS, see also LOCUSTS**
- GRASSHOPPERS - ALFALFA**
i Grandfield & Throckmorton, Kans. B. 328:56-57, 1945.
Hinman & Cowan, USDA EPQ E-722, 21 p., 1947.
Hixson, Neb. Ext. C. 1551:2-3, 1947.
- GRASSHOPPERS - BIOLOGY**
i Parker & Clarke, Introd. to Anim. Biol. ed. 2:229-246, 1945.
- GRASSHOPPERS - BODY TEMPERATURE**
Pepper & Hastings, Sci. News Let. 50:295, 1946.
- GRASSHOPPERS - CANADA**
Arnason et al., Can. Ins. Pest Rev. 24:83-84, 1946.
Buckell, Can. Ins. Pest Rev. 24:115, 1946.
Buckell et al., Can. Ins. Pest Rev. 25: 6-8, 1947.
Gardiner, Can. Min. Agr. R. f. 1944/45:56-57; f. 1945/46:66.
Manson et al., Can. Ins. Pest Rev. 24: 94, 1946.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:57, 1945.
Twinn, Can. Ins. Pest Rev. 23:2, 1945.
Ward et al., B. C. Dept. Agr. R. 40 V75-V76, V119, V137, V144, V156, 1946; 41:W103-W105, W137, W155, W161, W164, 1947.
Wilson, Alberta Dept. Agr. R. f. 1944: 22, 1945. f. 1945:19-20, 1946; f. 1946:22, 1947.
- Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan:89-91, 1945.**
- GRASSHOPPERS - CANNIBALISM**
b Tauber et al., Iowa St. Col. Sci. J. 19:356, 1945.
Weinman & Decker, J. Ec. Ent. 40:87, 1947.
- GRASSHOPPERS - CHROMOSOMES**
bi Ris, Biol. Bul. 89:242-257, 1945.
- GRASSHOPPERS - CONTROL**
Annand, New Internatl. YB 1944.295, 1945.
Annand, USDA EPQ R. f. 1943/44.43-44.
Davis, Hoosier Hort. 29:83-84, 1947.
Griffiths et al., Fla. St. Hort. Soc. P. 60:80-86, 1947.
Price, Ky. Ext. C. 437:7, 1947.
Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:21-22.
Seiden, Poult. Handb.:184, 1947.
i Wakeland Agr. Chem. 1(4):15-18, 57-59, 1946.
Wakeland et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:78-79, 1947.
Wallace et al., Cal. Dept. Agr. B. 34: 168-169, 1946; 35:194, 1947.
i U. S. War Dept. TM 5-632 (PB-2435): 106-110, 1945.
- GRASSHOPPERS - CONTROL - COSTS**
Wakeland Agr. Chem. 1(4):15-17, 1946.
Wakeland, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:79, 1947.
Weinman & Decker, Ill. St. Hort. Soc. Trans. 80:178-179, 1947.
- GRASSHOPPERS - CONTROL, CULTURAL**
Annand, USDA EPQ R. f. 1943/44:11.
bi Spawn, S. Dak. B. 379, 16 p., 1945.
Spawn, S. Dak. R. 60:18, 1947.
- GRASSHOPPERS - CONTROL ESTIMATES - EFFECT OF SCAVENGERS**
Putnam, Can. Ent. 79:225-226, 1947.

GRASSHOPPERS - DUSTS

- Allen et al., J. Ec. Ent. 38:390, 1945.
 Bratley, Fla. R. f. 1946/47:69.
 Martin, N. J. R. 66:53, 1946.

GRASSHOPPERS - EFFECT OF SPIDER VENOM

- Miller, J. Ent. & Zool. 39:47,49-51, 66, 1947.

GRASSHOPPERS - EYES - ELECTRICAL RESPONSES

- Wulff & Jahn, Anat. Rec. 99:601, 1947. (Abs.)

GRASSHOPPERS - FOOD & HOST PLANTS

- Hill, Wyo. R. 53:12, 1946?
 bl Isley, Ecology 27:128-138, 1946.
 Paull, Green Thumb 2(6):12, 1947.
 b Tauber et al., Iowa St. Col. J. Sci. 19:343-358, 1945.

GRASSHOPPERS - FOOD CONSUMPTION

- Hill, Wyo. R. 56:12, 1947.

GRASSHOPPERS - HABITS & BEHAVIOR - FEEDING

- b Walton & Whitehead, J. Ec. Ent. 38. 458-463, 1945.

GRASSHOPPERS - INSECTICIDES

- Annand, USDA EPQ R. f. 1945/46:11-12, f. 1946/47:8-9.
 Drake, Iowa Dept. Agr. YB 47:156-157, 1947.

- Drake et al., Iowa Dept. Agr. YB 47. 113-114, 1947.

- b Gaines, J. Ec. Ent. 40:896-899, 1947.
 Granovsky, Minn. Hort. 75:36-37, 1947.
 i Hill & Hixson, J. Ec. Ent. 40:137-138, 1947.

- Hinman & Cowan, USDA EPQ E-722. 21 p., 1947.

- i Hixson, Neb. Ext. C. 1507 rev., 4 p., 1947.

- Hixson et al., Neb. R. 60:52, 1947.
 Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:64, 1946.
 List & Hoerner, J. Ec. Ent. 40:138, 1947.

- Price, Ky. Ext. C. 435:7, 1947.

- Severin, S. Dak. R. 60:15-17, 1947.

- Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:86,88-89, 1947.

- Viehmeyer, Neb. R. 60:92, 1947.

- Wallace, Utah Gard., Aug. 1947:17-19.
 Weihing & Hoerner, Amer. Soc. Agron. J. 39:346-348, 1947.

- Weinman, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:77-78, 1947.

- Weinman & Decker, Ill. St. Hort. Soc. Trans. 80:175-179, 1947.

- Weinman & Decker, J. Ec. Ent. 40:84-90, 1947.

- Wingo et al., Mo. St. Hort. Soc. Hort. News 5(11):1-2, 1946.

- Hymen, Julius & Co., Tech. Sup. 201, 4 p., 1947.

- Mo. Ext. C. 540:14-15, 1947.

- West. Colo. Hort. Soc. Trans. f. 1946:174, 1947.

GRASSHOPPERS - INSECTICIDES - DDT

- Annand, USDA EPQ R. f. 1944/45:12.
 Packard, USDA EPQ E-640:1, 1945.
 Parker, USDA EPQ E-653, 7 p., 1945.

GRASSHOPPERS - IOWA

- Drake, Iowa Dept. Agr. YB 45:87-88, 1945.

- Drake et al., Iowa R. f. 1944/45 pt. 1: 255-256, f. 1945/46 pt. 1:233, f. 1946/47 pt. 1:211.

- Richardson, Iowa St. Hort. Soc. Trans. 82:139, 1947.

GRASSHOPPERS - KANSAS

- Dean et al., Kans. Ent. Soc. J. 18:95-96, 1945; 19:48, 1946, 20:53,58, 1947.

GRASSHOPPERS - KOK-SAGHYZ

- Whaley & Bowen, USDA Misc. Pub. 618:99, 1947.

GRASSHOPPERS - LIFE HISTORY

- Abbott, Nat. Hist. 54:288-289, 1945.

GRASSHOPPERS - LONGEVITY

- b Drake et al., Iowa St. Col. J. Sci. 19:207-223, 1945.

- b Tauber et al., Iowa St. Col. J. Sci. 19:343-358, 1945.

GRASSHOPPERS - LOSSES CAUSED BY

- Arnason & McDonald, Saskatch. Dept. Agr. R. 42:91-92, 1947.

- Drake & Tauber, Iowa Dept. Agr. YB 46:197-198, 1946.

- Gardiner, Can. Min. Agr. R. f. 1946/47:79-80.

- Mills et al., Mont. B. 425:6-7, 1945, 442:6-10, 1947.

- Uvarov, Smithsn. Inst. R. f. 1944 334, 1945.

- Wakeland, Agr. Chem. 1(4).15-17,59, 1946.

GRASSHOPPERS - MITOSIS

- Vanderlyn, Science 104:514-515, 1946.

GRASSHOPPERS - NEBRASKA

- Tate & Hauke, Neb. R. 59:58-59, 1946.
 Tate et al., Neb. R. 58:56, 1945.

- Werner, Neb. B. 384:75, 1947.

GRASSHOPPERS - ORCHARDS

- Graham & Cory, Md. St. Hort. Soc. P. 49:26, 1947.

GRASSHOPPERS - OUTBREAKS

- Buckell, Can. Ent. 77:115-116, 1945.
 bi Drake & Tauber, Iowa Dept. Agr. YB 46:177-194, 1946.

- USDA EPQ, Cargill Crop Bul. 20(10): 10-11, 1945.

GRASSHOPPERS - OUTLOOK

- i Harding, Nature Mag. 38:151-152, 1945.

- i Mills et al., Mont. B. 425:13-14, 1945; 442:10-11, 1947.

GRASSHOPPERS - OVIPOSITION

- Drake et al., Iowa R. f. 1944/45 pt. 1: 255-256.

- b Drake et al., Iowa St. Col. J. Sci. 19:207-223, 1945.

- Severin, Bklyn. Ent. Soc. B. 40:159-160, 1946.

- i Spawn, S. Dak. B. 379:5-6, 1945.

GRASSHOPPERS - PARASITES

- Gardiner, Can. Min. Agr. R. f. 1945/46:79; f. 1946/47:97-98.

- Severin, S. Dak. R. 58:33, 1945.
 Smith, Quebec Soc. Protect. Plants R. 29:114-115, 1945.

GRASSHOPPERS - POISON BAIT

- Annand, USDA EPQ R. f. 1943/44:10-11; f. 1944/45:21,39-40; f. 1945/46:35-36; f. 1946/47:40-41.
 Conner & Kulash, N. C. Ext. C. 299: 5-6,11, 1947.
 Filinger, Kans. C. 235:18, 1946.
 Grandfield & Throckmorton, Kans. B. 328:56-57, 1945.
 i Knowlton, Utah Ext. B. 151,4 p., 1947.
 Knowlton & Peay, Utah Mimeo. Ser. 325:2, 1946.
 Lamiman & Smith, Cal. Ext. C. 103 rev.:72, 1947.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:21.
 i Lecker, Ind. Ext. B. 239 rev.:11, 1947.
 Lincoln, Ark. Ext. C. 438:10, 1945.
 Marcovitch & Stanley, Tenn. R. 58:109, 1946.
 Mills et al., Mont. B. 425:10-12, 1945.
 Mimms & Zaumeyer, USDA FB 1996. 39-40, 1947.
 Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:3, 1945.
 Muma, Neb. Ext. C. 1537.14, 1946.
 i Nettles et al., S. C. Ext. B. 109.36-37, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.:66-68, 1946.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:11, 1945.
 i Stiles, Okla. Ext. C. 430.7-9, 1946.
 Vorhies & Wehrle, Ariz. B. 203:15, 1946.
 Wakeland, Agr. Chem. 1(4):18,57,59, 1946.
 Wallace et al., Cal. Dept. Agr. B. 33 239, 1945.
 Watson, Cit. Indus. 26(10):14, 1945.
 Wilsie et al., Iowa Ext. B. P75 526, 1945.
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob. 7, Cigar Tob.:4; Burley & Dark Fire-Cured Tob.:5, 1947.
 USDA Soil Conserv. Serv. Upper Miss. Region Biol. Handb. ed. 2:74-75, 1945.
GRASSHOPPERS - POISON BAIT - SPREADERS
 i Annand, USDA EPQ R. f. 1945/46:36.
 i Wakeland, Agr. Chem. 1(4):17,57, 1946.
GRASSHOPPERS - POISON BAIT - STATISTICS
 Wallace et al., Cal. Dept. Agr. B. 35: 194, 1946.
GRASSHOPPERS - POISON BAIT - TESTS
 b Walton & Whitehead, J. Ec. Ent. 38: 452-453; 458-463, 1945.
GRASSHOPPERS - POLYEMBRYONY
 bi Slifer & Shulow, Ent. Soc. Amer. Ann. 40:652-655, 1947.
GRASSHOPPERS - SPRAYS
 Chandler, Ill. St. Hort. Soc. Trans. 80: 137-138, 1947.
 Graham & Cory, Md. Agr. Soc. R. 31: 115, 1947.

GRASSHOPPERS - SPRAYS--Continued.

- Petty, Ill. Veg. Grow. B. 7(1):3-4, 1947.
 Weinman, Ill. St. Hort. Soc. News Let. No. 7 [i.e. 8]:2-3, 1947.
 Va. Ext. B. 131 rev.:14, 1947.
GRASSHOPPERS - SUGARCANE
 Bruner, Control de Plagas 9:7-8, 1947.
GRASSHOPPERS - SURVEYS
 Annand, USDA EPQ R. f. 1944/45:32, 39-40.
 Annand, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch Conf. P. 25:35, 1946.
 i Shockley et al., USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:2-4, 1945.
 Tauber & Benbrook, Iowa R. f. 1945/46 pt. 1:233.
 Wakeland, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:85-86, 1946.
 i Wakeland & Harned, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:2-3, 1946.
GRASSHOPPERS - SURVEYS - TRAP
 i Smith & Stewart, Ent. Soc. Ont. R. 76:32-35, 1946.
GRASSHOPPERS - ULTRA-VIOLET RAYS
 b Carlson & Hollaender, J. Cell. & Compar. Physiol. 26:165-173, 1945.
 Carlson & Hollaender, Anat. Rec. 94. 357, 1946. (Abs.)
GRASSHOPPERS - WHEAT - EFFECT ON YIELD
 White, Sci. News Let. 50:73, 1946.
GRASSHOPPERS & CASTOR BEAN PLANTS
 b McIndoo, USDA EPQ E-666:1-4, 1945.
GRASSHOPPERS & TEMPERATURE
 Jahn & Koel, Anat. Rec. 99:674, 1947. (Abs.)
GRASSHOPPERS & WEATHER
 Annand, USDA EPQ R. f. 1945/46:35-36.
 b Walton & Whitehead, J. Ec. Ent. 38: 458-463, 1945.
GRASSHOPPERS AS FISH BAIT
 Parmelee, Wyo. Wild Life 11(3/4):25-26, 1947.
GRASSHOPPERS AS FOOD OF BIRDS
 Knowlton, Kans. Ent. Soc. J. 19:71-72, 1946.
GRASSHOPPERS AS FOOD OF CATS
 Knowlton, Bklyn. Ent. Soc. B. 41:18-19, 1946.
GRASSHOPPERS AS FOOD OF FISH
 i Kane, Sci. Illus. 2(4):75-77, 1947.
GRASSHOPPERS AS FOOD OF OPOS-SUMS
 Taube, J. Wildlife Mangt. 11:100, 1947.
GRASSHOPPERS AS FOOD OF TURKEYS
 Wickware, Can. J. Compar. Med. 9: 80-81, 1945.
GRASSLAND INSECTS - KANSAS
 Wilbur, Kans. Bien. R. 13:67, 1946.

GRAVITY & INSECTS

- b Folger, *Physiol. Zool.* 19:190-202, 1946.
 Mathis, Fla. Ent. 29:30-31,34, 1947.
 *GRAY-BANDED LEAF ROLLER, *see* ARGYROTAENIA MARIANA (Fern.)
 GRAY EMPEROR BUTTERFLY, *see* ASTEROCAMPA CELTIS (Bdvl. & Lec.)
 GRAY GARDEN SLUG, *see* SLUGS - DEROCERAS AGRESTE (L.)
 GRAY HAIR STREAK, *see* STRYMON MELINUS
 GREASE ANT, *see* SOLENOPSIS MOLESTA (Say)
 GREASY CUTWORM, *see* AGROTIS YPSILON (Rott.)
 *GREEDY SCALE, *see* ASPIDIOTUS CAMELLIAE Sign.
 GREEN APPLE APHID, *see* APHIS POMI Deg.
 GREEN APPLE BUG, *see* NEOLYGUS COMMUNIS (Knigt.)
 GREEN ASH APHID, *see* PROCIPHILUS sp.
 *GREEN BUDWORM, *see* HEDIA VARIEGANA (Hbn.)
 GREEN CHRYSANTHEMUM APHID, *see* RHOPALOSIPHUM RUFOMACULATUM (Wilson)
 *GREEN CLOVERWORM, *see* PLATHYPENA SCABRA (F.)
 GREEN DOCK BEETLE, *see* GASTROPHYSA CYANEA Melsh.
 GREEN DRAKE, *see* EPHEMERA GUTTULATA Pict.
 *GREEN FRUITWORM, *see* LITHOPHANE ANTENNATA (Wlkr.)
 *GREEN-HEADED SPRUCE SAWFLY, *see* PIKONEMA DIMMOCKI (Cress.)
 *GREEN JUNE BEETLE, *see* COTINIS NITIDA (L.)
 GREEN LACEWING FLIES, *see* CHRYSOPIDAE, CHRYSOPA
 GREEN LARCH LOOPER, *see* SEMIOTHISA SEXMACULATA (Pack.)
 *GREEN MEADOW LOCUST, *see* CHORTOPHAGA VIRIDIFASCIATA (Deg.)
 GREEN NEEDLE-TIER, unidentified sp. Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:66, 1945.
 *GREEN PEACH APHID, *see* MYZUS PERSEICAE (Sulz.)
 *GREEN ROSE CHAFER, *see* DICHELONYX BACKI (Kby.)
 *GREEN SCALE, *see* COCCUS VIRIDIS (Green)
 *GREEN SHIELD SCALE, *see* PULVINARIA PSIDII Mask.
 GREEN SNAIL, *see* SNAILS - HELIX APERTA Born
 GREEN SOLDIER BUG, *see* ACROSTERNUM HILARE (Say)
 GREEN SPRUCE BUDWORM, *see* TORTRIX PACKARDIANA Fern.
 GREEN SPRUCE LOOPER, *see* SEMIOTHISA GRANITATA (Guen.)
 *GREEN STINK BUG, *see* ACROSTERNUM HILARE (Say)
 *GREEN-STRIPED MAPLEWORM, *see* ANISOTA RUBICUNDA (F.)

GREEN-STRIPED SPRUCE CATERPILLAR, *see* FERALIA JOCOSA (Guen.)

GREEN-TAIL BLUEBOTTLE, *see* CHRYSOMYA CHLOROPYGA (Wiedemann)

*GREENBUG, *see* TOXOPTERA GRAMINUM (Rond.)

GREENHOUSE INSECTS

- Arnason et al., Can. Ins. Pest Rev. 24:88, 1946.
 Burr, Neb. R. 59:64, 1946.
 Chabot, Greenhouse Gard. for Everyone. 203-210,213-215, 1946.
 Kiplinger, Ohio Flor. Assoc. Month. B. 186:2-5, 1945, 198 1-6,10-12, 1946.
 Manson et al., Can. Ins. Pest Rev. 25:102-110, 1947.
 Ward, B. C. Dept. Agr. R. 41:W108, 1947.
 Weigel, Ent. Soc. Wash. P. 49:115-116, 1947. (Abs.)
 Ohio Flor. Assoc. Month. B. 210:1-4, 7-8, Pest & Disease Control chart, 1947.
 GREENHOUSE INSECTS - AEROSOLS
 Anderson, USDA R. Sec. f. 1947:140.
 Annand, USDA EPQ R. f. 1946/47 8.
 i Blauvelt & Hoffman, N. Y. St. Flower Grow. B. 29:1-6, 1947.
 Goodhue, J. Ec. Ent. 39 507-508, 1946.
 i Hall, Flower Grow. 34 339,362, 1947.
 Roberts, Flor. Rev. 99(2570):39, 1947.
 Salter, USDA PISAE R. f. 1946/47 19.
 i Smith et al., Agr. Chem. 2(12):28-31,61, 1947.
 Smith et al., Chrysanthemum Soc. Amer. B. 15(2):2-11, 1947.
 Smith et al., Flor. Rev. 99(2569):32-33, 1947.
 GREENHOUSE INSECTS - AEROSOLS - DDT
 Annand, USDA EPQ R. f. 1945/46 18.
 b Smith & Goodhue, J. Ec. Ent. 38 173-179, 1945.
 White, USDA EPQ E-692.11-12, 1946.
 GREENHOUSE INSECTS - AEROSOLS - DDT & PYRETHRUM
 Cory, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 74, 1947.
 GREENHOUSE INSECTS - DUSTS
 Hamilton, J. Ec. Ent. 40:733-735, 1947.
 Quasthoff, Flor. Rev. 97(2499) 39, 1945.
 GREENHOUSE INSECTS - FUMIGANTS
 i Blauvelt, N. Y. St. Flower Grow. B. 19:1-9, 1947.
 Whitcomb & Garland, Mass. B. 441. 38-39, 1947.
 Ind. Ext. Leaflet 269,16 p., 1945.
 GREENHOUSE INSECTS - INSECTICIDES
 Anderson, USDA R. Sec. f. 1947:142.
 i Ball, Can. Flor. 41:367-368, 1946.
 Blauvelt, Flor. Exch. 105(17):16, 1945.
 Blauvelt, N. Y. (C.) R. 58:122, 1946; 59:122-123, 1947.

GREENHOUSE INSECTS - INSECTICIDES--Continued.

- i Chabot, Flower Grow. 34:41-42, 62, 1947.
 Compton, Can. Flor. 41:339, 1946.
 Farrar et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:53-55, 1946.
 Fuller, Flor. Rev. 99(2558):41-42, 1946.
 Fuller, South. Flor. 59(38):14, 56, 1946.
 bi Fuller, Chemurg. Digest 6:113, 115-117, 1947.
 Hancock, Gard. Gossip 22(3):19, 1947.
 bi Kiplinger & Fuller, Amer. Soc. Hort. Sci. P. 47:451-462, 1946.
 Laurie, South. Flor. 59(17):22-23, 1946.
 Ludvik et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.75, 1947.
 Milne, South. Flor. 60(25):14, 54-56, 1947.
 Pass, Can. Flor. 41:149-150, 1946.
 Ind. Ext. Leaflet 269, 16 p., 1945.
- GREENHOUSE INSECTS - INSECTICIDES - DDT**
 Blauvelt, N. Y. (C.) Ext. Facts for Flor., Sept. 1945 1.
 Blauvelt, N. Y. St. Flower Grow. B. 2: 4-5, 1945.
 Blauvelt, South. Flor. 58(31):38, 1945.
 Daggy, Minn. Hort. 74:68, 1946.
 Farrar & Decker, Flor. Rev. 97(2500): 43, 1945.
 Martin, N. J. R. 67:55, 1947?
 Neiswander, Veg. Grow. Assoc. Amer. R. 37:266, 268-276, 278, 280, 282, 1945.
 Neiswander, Mkt. Grow. J. 75(3):17, 39, 1946.
 Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 31:266, 268-280, 1946.
 Pepper, Pa. B. 475 sup. 1:2, 1946.
 Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 37:3, 1946.
- GREENHOUSE INSECTS - PARASITES**
 Burnett, Quebec Soc. Protect. Plants R. 29:84-86, 1945.
- GREENHOUSE INSECTS - SPRAYS**
 i Hensill, Agr. Chem. 2(11):21-23, 1947.
 Roberts, Flor. Exch. 108(14):16, 1947.
- GREENHOUSE INSECTS - SPRAYS - DDT**
 Ross, Can. Grow. 70(4):19, 1947.
 Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 64:3, 1947.
- ***GREENHOUSE LEAF TIER**, see **PHLYCTAENIA RUBIGALIS** (Guen.)
 ***GREENHOUSE ORTHEZIA**, see **ORTHEZIA INSIGNIS** Browne
 ***GREENHOUSE THRIPS**, see **HELIOTHRIPS HAEMORRHODALIS** (Bouché)
 ***GREENHOUSE WHITEFLY**, see **TRIALEURODES VAPORARIORUM** (Westw.)
GRETCHENA BOLLIANA (Sling.) (**PECAN BUDMOTH**)*
 Phillips & Cole, Fla. B. 411 rev.:24, 1947.

GRETCHENA BOLLIANA - PECAN SHUCKS

- Phillips, J. Ec. Ent. 38:620, 1945.
GRISELDA RADICANA (Wism.)
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:66, 1945.
 ***GROUND MEALYBUG**, see **RHIZOECUS FALCIFER** Kunck.
GROUND PEARL, see **MARGARODES MERIDIONALIS** Morr.
GROUSE LOCUSTS, see **TETRIGIDAE**
 "GRUBE IN THE HEAD", see **OESTRUS OVIS** L.
GRYLLOBLATTA CAMPODEIFORMIS Wlkr. (**ALPINE ROCK CRAWLER**)
 b Pletsch, Mont. Acad. Sci. P. 6:17-20, 1946.
GRYLLODES SIGILLATUS (Wlkr.) (**EUROPEAN HOUSE CRICKET**)
 b Smith & Goodhue, J. Ec. Ent. 38: 177-178, 1945.
 Smith et al., Agr. Chem. 2(12):61, 1947.
GRYLLOTTALPA HEXADACTYLA Perty (**NORTHERN MOLE CRICKET***)
 Garner, Prod. of Tob.:291-292, 1946.
 Hayslip, Fla. R. f. 1944/45:197.
 Kelsheimer, Fla. R. f. 1944/45:119.
GRYLLUS ASSIMILIS (F.), see **ACHETA ASSIMILIS** F.
GRYLLUS DOMESTICUS (L.), see **ACHETA DOMESTICA** L.
GUARAGUA SKIPPER, see **ASTRAPTES TALUS** (Cram.)
GUAVA FRUIT MOTH, see **ARGYRESTHIA EUGENIELLA** Busck
GUAVA INSECTS
 Wolfenbarger, Fla. R. f. 1946/47:248.
 b Wolfenbarger, Fla. St. Hort. Soc. P. 60:167-170, 1947.
GUAVA LEAF ROLLER, see **ATTELABUS SEXMACULATUS** Chevr.
GUAYULE APHID, see **RHOALOSIPHUM SUBTERRANEUM** Mason
GUAYULE INSECTS
 b Cassidy et al., J. Ec. Ent. 38:50-51, 1945.
 Romney, J. Ec. Ent. 39:670-671, 1946;
 40:480-483, 1947.
 bi Romney et al., J. Ec. Ent. 38:45-50, 1945.
 bi Romney et al., USDA EPQ E-672, 16 p., 1945.
 ***GULF COAST TICK**, see **AMBLYOMMA MACULATUM** Koch
 ***GULF WIREWORM**, see **CONODERUS AMPLICOLLIS** (Gyll.)
GYMNAIKOTHRIPS FICORUM (Marchal) (**CUBAN-LAUREL THRIPS**)*
 Wolfenbarger, Fla. Ent. 28:82-83, 1946.
GYMNOCHETA FRONTALIS, **G. RUFIPALPIS**
 n Brooks, Can. Ent. 77:87-88, 1945.
GYMNOPHTHALMA INTERRUPTA (Curr.), see **ACTIA INTERRUPTA** Curr.
GYMNOPTERNUS BARBATULUS Loew - **MATING**
 Steyskal, Bklyn. Ent. Soc. B. 41:169, 1946.

- GYMNOSOMA FULIGINOSA Rob.-Desv.,
see RHODOGYNE FULIGINOSA
(ROB.-Desv.)
- GYNACANTHA NERVOSA Brunn.
Needham, Bklyn. Ent. Soc. B. 40:106-
108, 1945.
- GYNAECIA DIRCE (L.), see COLOBURA
DIRCE (L.)
- GYNAIKOTHRIPS FICORUM (Marchal)
(CUBAN-LAUREL THRIPS)*
Martorell, P. R. Univ. J. Agr. 29:369-
370, 1945.
- GYNANDROMORPHS
bi Friauf, Mich. Univ. Mus. Zool.
Occas. Papers 501,4 p., 1947.
Griffen & Lindsley, Anat. Rec. 96:555-
556, 1946. (Abs.)
Rings, J. Ec. Ent. 39:415, 1946.
Warren & Hill, J. Ec. Ent. 40:139,
1947.
- GYPONANA HASTA DeLong
b DeLong & Severin, Hilgardia 17 157-
159, 1946.
- GYPONANA HASTA - FEEDING - EF-
FECT ON PLANTS
Severin, Hilgardia 17:220-221, 1947.
- GYPONANA HASTA & CALIFORNIA
ASTER YELLOWS
bi Severin, Hilgardia 17:141-153, 1946,
17:220-221, 1947.
- GYPONANA HASTA & CURLY TOP
Severin, Hilgardia 17:146,149, 1946.
- GYPONANA HASTA & PIERCE'S DIS-
EASE OF GRAPEVINES
Severin, Hilgardia 17:146,149, 1946.
- *GYPSY MOTH, see PORTHETRIA DIS-
PAR (L.)
- GYRINIDAE - COMMON NAMES
McAtee, N. Y. Ent. Soc. J. 55:205-206,
1947.
- HABROBRACON Ashm. Ms., see MICRO-
BRACON Ashm.
- HABROCYTUS sp.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:7, 1945.
- HABROCYTUS PHYCIDIS Ashm.
Beacher, Ent. Soc. Amer. Ann. 40:532-
536,539,542-544, 1947.
- HABROLEPIS DALMANI (Westw.) -
EGGS & LARVAE
Maple, Cal. Univ. Pub. Ent. 8:90, 1947.
- HABROLEPIS ROUXI Comp. - SEX
b Flanders, Amer. Nat. 79:131-139,
1945.
- HACKBERRY BUD GALL, see PACHY-
PSYLLA CELTIDIS-GEMMA Riley
- HACKBERRY BUTTERFLY, see AS-
TEROCAMPA CELTIS (Bdvl. &
Lec.)
- *HACKBERRY ENGRAVER, see SCOLY-
TUS MUTICUS Say
- *HACKBERRY NIPPLE GALL, see
PACHYPSYLLA CELTIDISMAMMA
(Flet.)
- HACKBERRY PETIOLE GALL, see
PACHYPSYLLA VENUSTA (O.-S.)
- HADROBREGMUS GIBBICOLLIS Lec.
Hatch, J. Ec. Ent. 39:274, 1946.
Linsley, Pest Control & Sanit. 1(8):28,
30, 1946.
- HADRONEMA MILITARIS Uhl.
Frost, N. Y. Ent. Soc. J. 53:223, 1945.
- HADRURUS Thor.
k Stahnke, Amer. Mus. Nov. 1298,9 p.,
1945.
- HADRURUS ARIZONENSIS Ewing
i Carr, Nat. Hist. 55:83,85, 1946.
i Cassell, Nat. Hist. 54:277, 1945.
- HADRURUS HIRSUTUS Wood
i Dodge, Poisonous Dwellers of the
Desert:10, 1947.
- HAEMAGOGUS Will. & YELLOW FEVER
Laird, Offic. Sanit. Pan Amer. B. 24:
778-783, 1945.
- HAEMAGOGUS Will. vs. AEDES Meig.
bi Hovanitz, Physiol. Zool. 19:35-53,
1946.
- HAEMAGOGUS EQUINUS Theob. & YEL-
LOW FEVER
Waddell, Amer. J. Trop. Med. 25
329-332, 1945.
Waddell & Taylor, Amer. J. Trop.
Med. 25:225-227,229-230, 1945.
- HAEMAGOGUS SPEGAZZINII Brethes -
REARING
b Bates, Ent. Soc. Amer. Ann. 40:1-
12, 1947.
- HAEMAGOGUS SPEGAZZINII - STRATI-
FICATION IN CAGES
b Bates, Ecology 28:80-81, 1947.
- HAEMAPHYSALIS Koch
bi Cooley, U. S. Natl. Mus. Inst.
Health B. 187:3-8,30-54, 1946.
- HAEMAPHYSALIS CHORDEILIS (Pack.)
(BIRD TICK)*
Bishopp & Trembley, J. Parasit. 31
25-27, 1945.
bi Cooley, U. S. Natl. Inst. Health B.
187:37-43, 1946.
Edminster, Ruffed Grouse.246-247,
1947.
- HAEMAPHYSALIS CHORDEILIS & DIS-
EASE
Miller, Cornell Vet. 37:124-125, 1947.
- HAEMAPHYSALIS CHORDEILIS & TU-
LAREMIA
Bow & Brown, Can. Med. Assoc. J.
53:464, 1945.
- HAEMAPHYSALIS CINNABARINA Koch
(In Nearctic Region), see HAE-
MAPHYSALIS CHORDEILIS (Pack.)
- HAEMAPHYSALIS HUMEROSA Wbnt. &
Nutt. & TYPHUS. SCRUB
Blake et al., Amer. J. Hyg. 41:299-
300, 1945.
- HAEMAPHYSALIS HUMEROSA & Q
FEVER
Cheney, Cal. Med. 281, 1947.
- HAEMAPHYSALIS JXTAKOCHI Cooley
ni Cooley, U. S. Natl. Inst. Health B.
187:48-51, 1946.
- HAEMAPHYSALIS KOCHI Aragão
bi Cooley, U. S. Natl. Inst. Health B.
187:44-47, 1946.
- HAEMAPHYSALIS LEPORIS-PALUS-
TRIS Pack. (RABBIT TICK)*
Archer, Miss. Doctor 25:177, 1947.
Baker, Cornell Vet. 36:86, 1946.
Bishopp & Trembley, J. Parasit. 31:
27-29, 1945.

- HAEMAPHYSALIS LEPORIS-PALUS-TRIS** -Continued.
bi Cooley, U. S. Natl. Inst. Health B. 187:31-36, 1946.
Edminster, Ruffed Grouse:246-247, 1947.
MacCreary, Del. B. 252:17-18, 1945.
- HAEMAPHYSALIS LEPORIS-PALUS-TRIS - HOSTS**
Anastos, Psyche 54:178-179, 1947.
- HAEMAPHYSALIS LEPORIS-PALUS-TRIS - ON MAN**
Brown, Can. Ent. 77:176, 1945.
- HAEMAPHYSALIS LEPORIS-PALUS-TRIS - PARASITES**
Smith et al., USDA TB 905:72, 1946.
- HAEMAPHYSALIS LEPORIS-PALUS-TRIS & DISEASE**
Miller, Cornell Vet. 37:124-125, 128, 1947.
- HAEMAPHYSALIS LEPORIS-PALUS-TRIS & ENCEPHALITIS GROUP**
Harmon & Reeves, Amer. J. Hyg. 46:329, 1947.
- HAEMAPHYSALIS LEPORIS-PALUS-TRIS & ROCKY MOUNTAIN SPOT-TED FEVER**
Bow & Brown, Can. Med. Assoc. J. 53:460, 1945.
Humphreys & Campbell, Can. J. Pub. Health 38:127-128, 1947.
- HAEMAPHYSALIS LEPORIS-PALUS-TRIS & TULAREMIA**
Bow & Brown, Can. Med. Assoc. J. 53:464, 1945.
Humphreys, Can. J. Compar. Med. 11:192, 1947.
Humphreys & Campbell, Can. J. Pub. Health 38:128, 1947.
- HAEMAPHYSALIS PUNCTATA PUNCTATA** Can. & Fanz.
Edminster, Ruffed Grouse:246, 1947.
- HAEMAPHYSALIS SPINIGERA NOVAE-GUINEAE** Hirst & TYPHUS, SCRUB
Blake et al., Amer. J. Hyg. 41:299, 1945.
- HAEMATOBIA IRRITANS L., see SI-PHONA IRRITANS (L.)**
- HAEMATOPINUS ADVENTICIUS** Neum. (HOG LOUSE)*
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:358, 1945.
Manson et al., Can. Ins. Pest Rev. 24:103, 1946.
i Muma, Neb. Ext. C. 1548 rev.:4, 1947.
i Shull et al., Idaho C. 103,7 p., 1945.
- HAEMATOPINUS ADVENTICIUS - IN-SECTICIDES**
bi Moore, J. Parasit. 33:439-443, 1947.
Muma, Neb. Ext. C. 1548:3-4, 1947.
Sweetman, J. Ec. Ent. 40:454-455, 1947.
Telford, J. Ec. Ent. 40:920, 1947.
- HAEMATOPINUS ADVENTICIUS - IN-SECTICIDES - DDT**
Alicata, Hawaiian Ent. Soc. P. 13:7, 1947.
Kemper & Roberts, Amer. Vet. Med. Assoc. J. 108:252-254, 1946.
Miller, USDA BAI R. f. 1944/45:34.
- HAEMATOPINUS ADVENTICIUS - IN-SECTICIDES - DDT** -Continued.
Telford & Guthrie, Agr. Chem. 1(3):31, 1946.
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:8, 1947.
- HAEMATOPINUS ASINI (L.) (HORSE SUCKING LOUSE)***
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:8, 1947.
- HAEMATOPINUS EURYSTERNUS (Nitz.) (SHORT-NOSED CATTLE LOUSE)***
i Imes et al., USDA FB 909 rev.:2-3, 1947.
i Matthyse, N. Y. (C.) B. 832:3-8, 12-14, 20-22, 28-31, 33, 35, 37-40, 44-46, 53-54, 62-63, 65-66, 1946.
Morrison, Macdonald Col. J. 6(5):4, 1946.
Tate, Neb. St. Bd. Agr. R. f. 1945:490-492.
- HAEMATOPINUS EURYSTERNUS - IN-SECTICIDES**
Annand, USDA EPQ R. f. 1943/44.23; f. 1946/47.20.
b Furman, J. Ec. Ent. 40:672-675, 1947.
Matthyse, Holstein Friesian World 42:20, 1945.
Telford, J. Ec. Ent. 40:920, 1947.
Wells & Barrett, J. Ec. Ent. 39:816, 1946.
- HAEMATOPINUS EURYSTERNUS - IN-SECTICIDES - DDT**
Munro, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:36, 1947.
Munro & Knapp, N. Dak. Bimo. B. 7(4):21, 1945.
Taggart, Cornell Vet. 36:162-163, 1946.
Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19:26, 28, 1946.
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:7-8, 1947.
- HAEMATOPINUS OVILLUS** Neum., see **LINOGNATHUS OVILLUS** (Neum.)
- HAEMATOPINUS QUADRIPERTUSUS** Fahrenh. (CATTLE TAIL LOUSE)*
Annand, USDA EPQ R. f. 1945/46:31; f. 1946/47:20, 35.
Bruce, J. Ec. Ent. 40:590-591, 1947.
i Creighton & Dennis, J. Ec. Ent. 40:911-912, 1947.
Muesebeck, Ent. Soc. Wash. P. 49:255, 1947. (Abs.)
Tissot, Fla. Ent. 30:40, 1947.
- HAEMATOPINUS SUI** Neum. (in America and Hawaii), see **HAEMATOPINUS ADVENTICIUS** Neum.
- HAEMATOPINUS TUBERCULATUS** Burm.
i Matthyse, N. Y. (C.) B. 832:3-6, 8, 12-14, 35, 38-39, 63, 1946.
- HAEMATOSIPHON INODORUS (Dugès) (POULTRY BUG)* (MEXICAN CHICKEN BUG)**
i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:170-171, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.

- HAEMATOSIPHON INODORUS & DERMATITIS**
 bi Nuñez Andrade, Medicina Rev. Mex. 21:45-51, 1948.
- HAEMATOSIPHON INODORUS ON CALIFORNIA CONDOR**
 Usinger, Pan-Pac. Ent. 23:140, 1947.
- HAEMODIPSUS VENTRICOSUS (Denny) (RABBIT LOUSE)***
 Meek, Rabbit Raising for Profit:225, 1947.
- HAEMOLAEALAPS Berl.**
 Strandtmann, J. Parasit. 32:168-169, 1946.
- HAEMOLAEALAPS & FILARIASIS**
 Scott & Cross, Amer. J. Trop. Med. 26:853-855, 1946.
- HAEMOLAEALAPS GLASGOWI (Ewing)**
 Cole, U. S. Pub. Health Rpts. 61:1472, 1946.
 Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:44,50,63, 1947.
 ni Fox, Ent. Soc. Amer. Ann. 40:598-599,601, 1947.
 MacCreary, J. Ec. Ent. 38:127, 1945.
 Rumreich, U. S. Pub. Health Rpts. 60:892, 1945.
 ni Strandtmann, J. Parasit. 32:164-168, 1946.
- HAEMOLAEALAPS MEGAVENTRALIS (Strandtm.)**
 ni Strandtmann, Ent. Soc. Wash. P. 49:112-114, 1947.
- HAEMOLAEALAPS SCALOPI Keegan**
 ni Keegan, Amer. Micros. Soc. Trans. 65:71-72, 1946.
- HAEMOLAEALAPS SIGMODONI (Strandtm.)**
 see HAEMOLAEALAPS GLASGOWI (Ewing)
- HAEMOLAEALAPS STRANDTMANNI (Fox),**
 see HAEMOLAEALAPS GLASGOWI (Ewing)
- *HAIRY CHINCH BUG, see BLISSUS HIRTUS Montd.**
- HAIRY FUNGUS BEETLE, see TYPHAEA STERCOREA L.**
- *HAIRY SPIDER BEETLE, see PTINUS VILLIGER (Reit.)**
- HALACARIDAE - NORTH AMERICA, EASTERN**
 bnk Newell, Yale Univ. Bingham Oceanog. Collect. B. 10(3/4):1-232, 1947.
- HALARACHNIDAE**
 bni Newell, Yale Univ. Bingham Oceanog. Collect. B. 10(3/4):233-266, 1947.
- HALICTIDAE & TULAREMIA**
 Jackson, Ind. St. Med. Assoc. J. 40:875, 1947.
- HALICTOPHAGUS PHILARONIAE Bohart**
 ni Bohart, Ent. Soc. Wash. P. 48:202, 1946.
- HALICTUS Latr.**
 i Tealer, Nature Mag. 38:461-464, 1944, 1945.
- HALISIDOTA CARYAE (Harr.) (HICKORY TUSSOCK MOTH)***
 Hammond, Can. Ins. Pest Rev. 25:66, 1947.
- HALISIDOTA CARYAE--Continued.**
 Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:32, 1946.
- HALISIDOTA MACULATA (Harr.) (SPOTTED TUSSOCK MOTH)***
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:56, 1945; f. 1945:58, 1946.
 Peterson, Can. Ins. Pest Rev. 24:111, 1946, 25:47, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:72, 1947.
- *HALL SCALE, see NILOTASPIS HALLI (Green)**
- HALOTYDEUS DESTRUCTOR (Tuck.)**
 Roark, USDA EPQ E-655 9, 1945.
- HALTICA F. see ALTICA Geoffr.**
- HALTICHELLA sp.**
 Clancy, J. Ec. Ent. 39:328, 1946.
 Poos & Hetrick, J. Ec. Ent. 38:315, 1945.
- HALTICOPTERA sp.**
 Hoffmann, J. Ec. Ent. 38:356, 1945.
- HALTICOPTERA AENEA (Wlkr.)**
 Kelsheimer, Fla. R. f. 1946/47:127.
- HALTICOTOMA VALIDA Reut. (YUCCA PLANT BUG)***
 bi Haviland, Md. B. A37 103-112, 1945.
- HALTICUS BRACTEATUS (Say) (GARDEN FLEAHOPPER)***
 Armitage et al., Cal. Dept. Agr. B. 34:173, 1946.
 Cagle & Jackson, Va. R. f. 1946/47:33.
 Kelfer, Cal. Dept. Agr. B. 33:250, 1945.
 Kelfer, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944 12, 1945.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:6.
 Stanley & Marcovitch, Tenn. C. 97:4, 1947.
 Stirrett, Can. Ins. Pest Rev. 25:25, 1947.
 Underhill & Bodenstein, Va. TB 97:11, 1946.
 Underhill et al., Va. R. f. 1945/46:35.
 Wylie, Fla. St. Hort. Soc. P. 59:91, 1946.
- HALTICUS BRACTEATUS - INSECTICIDES**
 Minnum, Fla. R. f. 1944/45:215.
 i Underhill, Va. TB 101,22 p., 1946.
 Wene, J. Ec. Ent. 40:676-679, 1947.
- HALTICUS BRACTEATUS - LIFE HISTORY**
 i Cagle & Jackson, Va. TB 107,27 p., 1947.
- HALTICUS CITRI (Ashm.), see HALTICUS BRACTEATUS (Say)**
- HAMBLETONIA PSEUDOCOCINA Comp.**
 Annand, USDA EPQ R. f. 1943/44:24.
 Bartlett, P. R. (Mayaguez) R. f. 1944:27, 1945.
 Carter, Hawaiian Ent. Soc. P. 12:489, 1946.
 Clancy & Pollard, J. Ec. Ent. 40:579, 1947.

- HAMBLETONIA PSEUDOCOCCINA**--Continued.
Schmidt, Hawaiian Ent. Soc. P. 12:464, 1946.
- HANNEMANIA PERPLEXA** Brennan
n Brennan, J. Parasit. 33:248-249, 1947.
- HAPLAXIUS** Fowler
n Caldwell, Ent. Soc. Wash. P. 48: 203-206, 1946.
- HAPLIDUS TESTACEUS** Lec.
Flock, Ariz. St. Ent. R. f. 1944:21, 1945.
- HAPLOPTILIA LARICELLA** Hbn., see
COLEOPHORA LARICELLA (Hbn.)
- HAPLOTHRIPS DAVISI** Bianchi
n Bianchi, Hawaiian Ent. Soc. P. 12: 503-506, 1946.
- HAPLOTHRIPS FAUREI** Hood
Pickett et al., Sci. Agr. 26:594-595, 597-598, 1946.
- HAPLOTHRIPS FISSUS** Bianchi
n Bianchi, Hawaiian Ent. Soc. P. 13: 37-38, 1947.
- HAPLOTHRIPS OMANI** Crawford
n Crawford, Ent. Soc. Wash. P. 49:250-251, 1947.
- HAPLOTHRIPS ROSAI** Bianchi
n Bianchi, Hawaiian Ent. Soc. P. 12: 506-509, 1946.
- HAPLOTHRIPS SESUVII** Pries.
Bianchi, Hawaiian Ent. Soc. P. 13:7; 37, 1947.
- HAPLOTHRIPS VICTORIENSIS NEPOUL-ENSIS** Bianchi
n Bianchi Hawaiian Ent. Soc. P. 12: 258, 1945.
- HAPTONCUS** Murr. - SENSE ORGANS
b Gillogly, Pan-Pac. Ent. 23:134-136, 1947.
- HAPTONCUS CALIFORNICUS** Gillog.
n Gillogly, Pan-Pac. Ent. 22:22-24, 1946.
- HAPTONCUS LUTEOLUS** (Er.)
Barnes & Lindgren, Date Grow. Inst. R. 24:3-4, 1947.
Parker, Ariz. St. Ent. R. f. 1946/47:27.
- *HARLEQUIN BUG**, see **MURGANTIA HISTRIONICA** (Hahn)
- HARLEQUIN CABBAGE BUG**, see **MURGANTIA HISTRIONICA**
- HARLEQUIN COCKROACH**, see **NEOSTYLOPYGA RHOMBIFOLIA** (Stoll)
- HARLEQUIN MILKWEED CATERPILLAR**, see **EUCHAETES EGLE** (Drury)
- HARMOLITA BAMBUSAE** Phillips
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):8.
- HARMOLITA GRANDIS** (Riley) (WHEAT STRAW-WORM)*
Smith et al., Kans. Ent. Soc. J. 19:51, 1946; 20:57, 1947.
- HARMOLITA HORDEI** (Harr.)
Cannon, Can. Ins. Pest Rev. 25:22, 1947.
- HARMOLITA PHYLLOSTACHITIS** Gahan
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):8.
- HARMOLITA TRITICI** (Fitch) (WHEAT JOINTWORM)*
Mills et al., Mont. B. 425:20, 1945.
- HARMONIA AXYRIDIS** (Pallas) - COLOR PATTERNS
bi Tan, Genetics 31:195-210, 1946.
- HARPAGOXENUS CANADENSIS** Smith
i Gregg, Can. Ent. 77:74-76, 1945.
- HARPALINAE UNISETOSAE** - LARVAE
bik Chu, Ent. Amer. 25:1-171, 1945.
- HARRISINA AMERICANA** (Guér.)
(GRAPE LEAF SKELETONIZER)*
Dickey et al., Fla. B. 436:40-41, 1947.
Messenger, Cal. Dept. Agr. B. 35:221, 1947.
Steinweden, Cal. Dept. Agr. B. 35:207, 1947.
- HARRISINA BRILLIANS** Barnes & McD. (WESTERN GRAPE LEAF SKELETONIZER)*
i Armitage, Blue Anchor 23(2):6,25, 27,29-30,32, 1946.
Armitage et al., Cal. Dept. Agr. B. 34:165-166, 1946.
Gammon, Cal. Dept. Agr. B. 35:188-189, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:19.
Palmer & Thorne, Cal. Dept. Agr. B. 35:143-144, 1946.
Ryan, Los Angeles Co. Cal. Agr. Commr. R. f. 1945/46:11; f. 1946/47:9.
- HARRISINA BRILLIANS** - ERADICATION
Lyle, J. Ec. Ent. 40:4, 1947.
- HARRISINA BRILLIANS** - FLIGHT RANGE
Gammon, Cal. Dept. Agr. B. 35:188-189, 1947.
- HARROWERIA GLORIOSA** Heb.
i Swezey, Hawaiian Ent. Soc. P. 12: 390-391, 1945.
- HARTIGIA CRESSONI** (Kby.) RASPBERRY HORNTAIL)
i Butterfield, Cal. Ext. C. 80 rev.:46, 1947.
Howard & Brooks, Cal. Ext. C. 117 rev.:44-45, 1947.
- *HAWAIIAN BEET WEBWORM**, see **HYMENIA RECURVALIS** (F.)
- HAWAIIA PERKINSI** (Swezey)
Bianchi, Hawaiian Ent. Soc. P. 13:12, 1947.
- *HAWTHORN LACE BUG**, see **CORYTHUCHA CYDONIAE** (Fitch)
- HAY INSECTS**
Underhill & Bodenstein, Va. TB 97: 4-7,9-18, 1946.
- *HEAD LOUSE**, see **PEDICULUS HUMANUS** L.
- HECAMEDE FEMORALIS** Mall.
Wirth, Hawaiian Ent. Soc. P. 13:21, 1947.
- HEDIA VARIEGANA** (Hbn.) (GREEN BUDWORM)*
Patterson & Neary, Can. Ins. Pest Rev. 24:14, 1946.
- HEDYLEPTA INDICATA** (F.)
Osorio, Control de Plagas 8:164, 1948
Telford & Childers, P. R. (Mayaguez) C. 27:27, 1947:
Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Ser. 4:77-78, 1947.

HEDYLEPTA INDICATA - PARASITES
 Plank, P. R. (Mayaguez) R. f. 1944:26, 1945.

HEEL FLY, see HYPODERMA LINEATUM (DeVill.)

HEILIPUS LAURI Boh.
 i Tinoco Corona, Fitófilo 4:352-355, 1945.

HELEGONATOPUS PSEUDOPHANES
 Perk.
 Swezey, Hawaiian Ent. Soc. P. 13.18, 1947.

HELIANTHUS APHID, see MACROSPHUM AMBROSIAE (Thos.)

HELIOTHIS ARMIGERA (Hbn.) (BOLLWORM)* (CORN EARWORM)* (TOMATO FRUITWORM)*
 Annand, New Internatl. YB 1944:298-297, 1945.
 Bissell & Dupree, Ga. B. 254:12-13, 19-20, 1947.
 Blasberg, Vt. Ext. C. 109 rev.:35, 1946.
 Chupp & Leib, N. Y. (C.) Ext. B. 206 rev.:74-75, 1947.
 Davis, Ind. Acad. Sci. P. 56.149, 1947?
 Dean et al., Kans. Ent. Soc. J. 18 94-95, 1945.
 Del Valle, Cuba (Santiago de las Vegas) B. 62:6, 1945.
 b Frings, J. Expt. Zool. 99:115-140, 1945.
 Garner, Prod. of Tob.:284-287, 1946.
 Hayslip & Forsee, Fla. St. Hort. Soc. P. 60:154, 1947.
 Isely, Ark. B. 462:4,7,11, 1946.
 Jardine et al., USDA OES R. f. 1943/44:48-49, 1945; f. 1944/45:53-54, 1946.
 Larrimer, USDA FB 1714 rev.:25, 1946.
 i Muma, Neb. Ext. C. 1537:20, 1946.
 i Nettles et al., S. C. Ext. B. 109.32-33, 1947.
 Rice et al., Del. B. 259:22-23, 1945.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46:19.
 Snapp et al., USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:8-9,12, 1945.
 Starnes, Agr. Flying; Ground School Curriculum Offered in Conjunction with Crop Dusting Training:6, 1947.
 White et al., USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:5,12,14, 1946.
 i USDA EPQ Picture Sheet 16.2 p., 1946.

HELIOTHIS ARMIGERA - AEROSOLS - DDT
 i Diltman, J. Ec. Ent. 39:668, 1946.

HELIOTHIS ARMIGERA - ALFALFA
 Grandfield & Throckmorton, Kans. B. 328:57-58, 1945.

HELIOTHIS ARMIGERA - ARIZONA
 Burgess, Ariz. R. 56:47, 1946; 57:45, 1947.
 Flock, Ariz. St. Ent. R. f. 1944:17, 1945.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.

HELIOTHIS ARMIGERA - ARIZONA--
 Continued.
 Parker, Ariz. St. Ent. R. f. 1946/47:26.
 i Vorhies & Wehrle, Ariz. B. 203:30-32,48-49, 1946.

HELIOTHIS ARMIGERA - BEANS
 i Stanley & Marcovitch, Tenn. C. 97:4, 1947.

HELIOTHIS ARMIGERA - CANADA
 Cannon, Can. Ins. Pest Rev. 24:11, 1946.
 Gorham, Can. Dept. Agr. Div. Ent. Processed Pub. 45.4, 1946.
 Neary, N. S. Dept. Agr. R. f. 1943/44:101, 1945; f. 1944/45:103, 1946; f. 1945/46:91, 1947.
 Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946, 25:19, 1947.
 Thompson, Can. Ins. Pest Rev. 24:37, 1946.

HELIOTHIS ARMIGERA - CONTROL
 Annand, New Internatl. YB 1944:295, 1945.
 Hayslip, Fla. R. f. 1944/45:196-197.
 i Isely & Lincoln, Ark. Ext. Leaf. 98, 6 p., 1947.
 i King, Tex. Ext. B. 154.3,11-12, 1947.
 i Lincoln & Isely, Ark. Ext. C. 436:6-10, 1945.
 i Lincoln & Miner, Ark. Ext. C. 437 13-14, 1945.
 McDaniel, Flor. Rev. 98(2534).34, 1946.
 i Peay, Utah Farm & Home Sci. 7(2) 3-4, Mkt. Grow. J. 75(8):15,34,41, 1946.
 Price, Ky. Ext. C. 435:6, 1947.
 b Tate, J. Ec. Ent. 39 414-415, 1946.
 Watson, Fla. Grow. 55 [i.e. 54](9).15, 18, 1946.
 Westbrook, Ga. Ext. B. 523:44-45, 1945.

USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:10-11, 1947.

HELIOTHIS ARMIGERA - CONTROL - TYPE OF CORN
 Slate, Conn. B. 484:63-64, 1945.

HELIOTHIS ARMIGERA - DUSTS
 Cartwright, S. C. R. 57:58-59, 1945.
 Cooper, Ky. R. 59:45, 1947.
 Ewing et al., Assoc. South. Agr. Workers P. 44.124-126, 1947. (Abs.)
 Ewing et al., J. Ec. Ent. 40.374,376-381, 1947.
 Fisher & Stanley, J. Ec. Ent. 38.125-126, 1945.
 Floyd, J. Ec. Ent. 40.422-423, 1947.
 b Gaines, J. Ec. Ent. 434-436, 1947.
 Gaines & Dean, J. Ec. Ent. 40:365-370, 1947.
 i Hanna, Down to Earth 2(3):10-11, 1946.
 Harned, Southeast. Cotton Ins. Control Conf. R. P. 1:29, 1947.
 Hoerner, West. Colo. Hort. Soc. Trans. f. 1944:59, 1945.
 Ivy & Ewing, J. Ec. Ent. 39:38-39, 1946; 40:568-569, 1947.

HELIOTHIS ARMIGERA - DUSTS--Continued.

- b Ivey et al., J. Ec. Ent. 40:513-517, 1947.
- Jones, S. C. Dept. Agr. YB f. 1946/47: 69.
- King, Ga. Coastal Plain B. 44:42, 1947.
- Knowlton & Peay, Utah Mimeo. Ser. 325:1, 1946.
- Kulash, J. Ec. Ent. 40:927-928, 1947.
- Lyle, Miss. Farm Res. 8(5):7-8, 1945.
- Lyle, Miss. Inform. Sheet 389:2, 1947.
- Nissley, N. J. St. Hort. Soc. Hort. News 26:1691, 1945.
- Pepper & Wilson, J. Ec. Ent. 40:731-732, 1947.
- i Smith, N. C. Res. & Farm. 4 (Prog. R. 3):7,9, 1946.
- Smith et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:89-91, 1945.
- i Stiles, Okla. Ext. C. 430:9-10, 1946.
- Trullinger et al., USDA OES R. f. 1945/46:111, 1947.
- Watts, S. C. R. 59:158-159, 1947.
- Wilcox & Howland, USDA EPQ E-699: 1-5,7-8, 1946.

HELIOTHIS ARMIGERA - DUSTS - DDT

- Haseman et al., Mo. C. 309:6, 1946.
- White, USDA EPQ E-642:1-2, 1945; E-692:4, 1946.

HELIOTHIS ARMIGERA - DUSTS - EFFECT ON YIELD

- Gaines et al., J. Ec. Ent. 40:113-115, 1947.

HELIOTHIS ARMIGERA - FEEDING INJURY

- i Muma, J. Ec. Ent. 39:815-816, 1946.

HELIOTHIS ARMIGERA - GENITALIA

- bi Siverly, Amer. Mid. Nat. 38:712-724, 1947.

HELIOTHIS ARMIGERA - GLADIOLUS

- Granovsky, Minn. Hort. 75:36, 1947.

HELIOTHIS ARMIGERA - GOLDENROD

- Hoffmann, J. Ec. Ent. 38:356, 1945.

HELIOTHIS ARMIGERA - HAWAII

- Holdaway, Hawaii R. f. 1942/44:61-62, 1945.

HELIOTHIS ARMIGERA - HAWAIIAN ENT. SOC. P. 12:

- 484, 1946.

Jensen, Hawaiian Ent. Soc. P. 12:478-479, 1946.

- Swezey, Hawaiian Ent. Soc. P. 12:307, 482, 1946.

Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45:19, 1946.

HELIOTHIS ARMIGERA - INSECTICIDES

- Anderson, USDA R. Sec. f. 1947:138.

Annand, USDA EPQ R. f. 1943/44:10, 18; f. 1944/45:16-17; f. 1945/46:6-7,12; f. 1946/47:5-8,8-9,12-14.

- Baker, USDA YB f. 1943/47:652,654.

Bayer, N. C. R. 69:21,26,55-56, 1946.

- b Blanchard & Satterthwait, USDA EPQ E-664,7 p.; E-665,7 p., 1945.

b Brannon, J. Ec. Ent. 38:101-102,400, 1945; 40:103-106, 1947.

- Cooper, Ky. R. 57:33-34, 1945.

Curry, N. Mex. R. 56:46-47, 1946?

- Dunavan, S. C. R. 58:63-64, 1946; 59: 70, 1947.

HELIOTHIS ARMIGERA - INSECTICIDES --Continued.

- Dunavan & Hughes, S. C. R. 59:70, 1947.

Dutsch et al., La. R. f. 1944/45:63-64, 1946.

- Floyd, Assoc. South. Agr. Workers P. 44:125, 1947. (Abs.)

Floyd, La. R. f. 1945/46:55-56, 1947.

- Kelsheimer, Fla. R. f. 1944/45:116, 120; f. 1946/47:123.

Kelsheimer, Fla. St. Hort. Soc. P. 60: 121-123, 1947.

- i Krone et al., Mich. Ext. B. 4 rev.: 66-67, 1945.

i Lincoln, Ark. Ext. C. 438:6, 1945.

- Marcovitch & Stanley, Tenn. R. 59: 92-93, 1947.

Michelbacher et al., Agr. Chem. 2(3): 21-23,52-54,68, 1947.

- Ruprecht, Fla. R. f. 1946/47:142-143.

Ruprecht, Fla. St. Hort. Soc. P. 60: 162-163, 1947.

- Russell, Fla. R. f. 1945/46:125.

Turner, Conn. Veg. Grow. Assoc. P. 35:58, 1947.

- Wylie & Wilson, Fla. R. f. 1946/47: 182.

HELIOTHIS ARMIGERA - INSECTICIDES - DDT

- Becnal et al., La. R. f. 1945/46:52, 1947.

Blanchard et al., J. Ec. Ent. 39:817, 1946.

- Daggy et al., Minn. Ext. B. 252:13, 1946.

Fulton, N. C. Res. & Farm 5 (Prog. R. 1):11-12, 1946.

- b Ivy et al., J. Ec. Ent. 38:534-536, 1945.

Loflin, USDA EPQ E-657:1,3-4, 1945.

- Packard, USDA EPQ E-640:5, 1945.

b Parencia et al., J. Ec. Ent. 39:329-335, 1946.

- HELIOTHIS ARMIGERA - INSECTICIDES - DDT & OIL

b Blanchard & Satterthwait, USDA EPQ E-664,7 p.; E-665,7 p., 1945.

- HELIOTHIS ARMIGERA - NEW JERSEY

i Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:23-24.

- HELIOTHIS ARMIGERA - OILING CORN EARS

Annand, USDA EPQ R. f. 1944/45:12, 20, 1946; f. 1945/46:5, 1947.

- Bayer, N. C. R. 68:21, 1945.

Carruth, Sci. Amer. 174:169, 1946.

- Fulton, N. C. Res. & Farm. 5 (Prog. R. 1):11-12, 1946.

Haseman, Mo. B. 490:58, 1945.

- Kelsheimer, Fla. St. Hort. Soc. P. 59: 82-84, 1946.

Kelsheimer & Beckenbach, Fla. R. f. 1945/46:109.

- Packard, USDA Agr. Res. Adm. R.A.S. 16(E), 1945. 2 p.

i Pratt et al., N. Y. (C.) Ext. B. 696 rev.:62-63, 1947.

- i Rockwell, Home Gard. (N. Y.) 7(5): 71, 1946.

Wylie & Wilson, Fla. R. f. 1945/46: 171.

HELIOTHIS ARMIGERA - OILING CORN EARS--Continued.

Cal. Spray-Chem. Corp., Keep "Worms" Out with "Ortho", Ear-wormicide, 4 p., 1947?

HELIOTHIS ARMIGERA - PAPAYA
Holdaway, Hawaiian Ent. Soc. P. 13: 26, 1947.

HELIOTHIS ARMIGERA - PARASITES
Annand, USDA EPQ R. f. 1943/44:24.

HELIOTHIS ARMIGERA - PLANTING DATE OF CORN
Bryson, Kans. Blen. R. 13:63, 1946.

HELIOTHIS ARMIGERA - RESISTANT CORN

Anderson, USDA R. Sec. f. 1946:145.

Annand, USDA EPQ R. f. 1943/44:9, 1945; f. 1945/46:25, 1947; f. 1946/47:27.

Chamberlain & Douglas, South. Corn Impr. Conf. 4:15-17, 1945.

i Dicke & Jenkins, USDA TB 898, 36 p., 1945.

Eckhardt et al., Miss. B. 427, 10 p., 1946.

Eckhardt et al., Miss. Farm Res. 9(1). 2-3, 1946.

Kelsheimer & Beckenbach, Fla. R. f. 1945/46:109-110.

Packard et al., USDA YB f. 1943/47. 649.

Richey, South. Corn Impr. Conf. 4:25, 1945.

Richey et al., South. Corn Impr. Conf. 4:36, 1945.

HELIOTHIS ARMIGERA - RESISTANT CORN - HUSKS

Douglas, J. Ec. Ent. 40:661-664, 1947.

HELIOTHIS ARMIGERA - SPRAYS
Wilson, Fla. R. f. 1946/47:204.

HELIOTHIS ARMIGERA - SURVEYS
Annand, USDA EPQ R. f. 1944/45:31, 1946.

HELIOTHIS ARMIGERA - TRAP CROPS
Lincoln & Isely, Assoc. South. Agr. Workers P. 44:129, 1947. (Abs.)

b Lincoln & Isely, J. Ec. Ent. 40:437-438, 1947.

HELIOTHIS ARMIGERA - TRAPS - LIGHT

Hermes, Hilgardia 17:365-366, 372-373, 1947.

HELIOTHIS ARMIGERA & POWDERY MILDEW OF SNAP BEANS

b Brannon, J. Ec. Ent. 38:101-102, 1945.

HELIOTHIS OBSOLETA (F.), see HELIOTHIS ARMIGERA (Hbn.)

HELIOTHIS ONONIS (Schiff.) (FLAX BOLLWORM)*

Arnason, Can. Ins. Pest Rev. 25:5, 1947.

Arnason et al., Can. Ins. Pest Rev. 24: 83, 1946.

Bird & Mitchener, Can. Ins. Pest Rev. 24:68, 1946.

Gardiner, Can. Min. Agr. R. f. 1945/46:66; f. 1946/47:80.

i McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:231-240, 1947.

Manson et al., Can. Ins. Pest Rev. 24: 94, 1946; 25:21, 1947.

HELIOTHIS ONONIS--Continued.

Twinn, Can. Ins. Pest Rev. 23:2, 1945.

HELIOTHIS ONONIS - SPRAYS

b Brown et al., Can. Ent. 79:161-166, 1947.

HELIOTHIS PHLOXIPHAGA Grote & Rob.
Arnason, Can. Ins. Pest Rev. 25:18, 1947.

HELIOTHIS VIRESCENS (F.) (TOBACCO BUDWORM)*

Allen, S. C. R. 58:112-113, 1946.

i Allen & Early, S. C. R. 59:119-127, 1947.

Annand, USDA EPQ R. f. 1946/47:7.

i Garner, Prod. of Tob.:284-287, 1946.

King, Ga. Coastal Plain B. 44:43-44, 1947.

Tob. Ins. Conf. Recom. Com. Recom.

Control Tob. Ins. f. 1948, Flue-Cured Tob.:8; Cigar Tob.:2-3, Bur-

ley & Dark Fire-Cured Tob.:5-6, 1947.

HELIOTHIS VIRESCENS - POISON BAIT

i Conner & Kulash, N. C. Ext. C. 299: 6-7, 11, 1947.

i Nettles et al., S. C. Ext. B. 109:31-32, 1947.

Price, Ky. Ext. C. 437:7, 1947.

Va. Ext. B. 97 rev.:43, 1947.

HELIOTHIRIPS BRUNERI Morg., see

HERCOTHIRIPS INSULARIS Hood

HELIOTHIRIPS FASCIATUS Perg., see

HERCOTHIRIPS FASCIATUS (Perg.)

HELIOTHIRIPS HAEMORRHODALIS (Bouché) (GREENHOUSE THRIPS)*

i Ebeling, Cal. Ext. C. 43 rev.:44-47, 1947.

i English, Amer. Camellia YB 1:37, 1946.

Hamilton, Natl. Chrysanthemum Soc. B. 3(8):6, 1947.

Martorell, P. R. Univ. J. Agr. 29:367-368, 1945.

Parker et al., Man. for Cit. Grow. ed. 3:61, 1947.

Plank & Winters, P. R. (Mayaguez) R. f. 1945:29, 1946.

HELIOTHIRIPS HAEMORRHODALIS - INSECTICIDES

English, Ala. R. 54/55:27, 1946.

Farrar, Flor. Rev. 97:34, 1946.

Heming, in Cal. Fuchsia Soc., A to Z on Fuchsias:14-15, 1946.

b Metcalf, J. Ec. Ent. 40:522-525, 1947.

Metcalf & Gunther, Amer. Chem. Soc. J. 69:2579, 1947.

Roark, USDA EPQ E-721:4, 1947.

Wolfe et al., Fla. Ext. B. 129:89-90, 1946.

HELIOTHIRIPS HAEMORRHODALIS - INSECTICIDES - DDT

Boyce, Cal. Avocado Soc. YB f. 1946: 84-85.

Oldham, Cal. Citrog. 31:113, 126, 1946.

HELIOTHIRIPS HAEMORRHODALIS & PLANT NUTRITION

Haseman, J. Ec. Ent. 39:10-11, 1946.

Trullinger et al., USDA OES R. f. 1945/46:107, 1947.

Wittwer & Haseman, J. Ec. Ent. 38: 615-617, 1945.

HELIOTHRIPS HAEMORRHODIALIS & PLANT NUTRITION--Continued.
b Wittwer & Haseman, Science 103: 331-332, 1946.

HELIX spp., see under SNAILS
*HELLGRAMMITE, see CORDYALUS CORNUTUS (L.)

HELLULA UNDALIS (F.) CABBAGE WEBWORM*

Holdaway et al., Hawaii R. f. 1942/44: 65-67, 1945.

Lauderdale, Ariz. St. Ent. R. f. 1945/46:18.

Swingle et al., USDA EPQ E-634, 23 p., 1945.

White, USDA EPQ E-642:1, 1945.

White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:10, 1946.

HELOCHARA DELTA Oman & PIERCE'S DISEASE OF GRAPEVINES

Hewitt et al., Phytopath. 36:117-128, 1946.

Houston et al., Phytopath. 36:401-402, 1946. (Abs.)

b Houston et al., Phytopathology 37: 247-253, 1947.

HELOCORDULIA Needh. - NYMPHS
bk Wright, Ohio J. Sci. 46:337-339, 1946.

HELOPHILUS PENDULUS (L.) & MYIASIS
James, USDA Misc. Pub. 631:153-154, 1947.

HELOPHORUS F. - GENITALIA - MOUNTING

Chamberlain, Bklyn. Ent. Soc. B. 42: 126-130, 1947.

HELOPS REGULUS Blaisd.

Leech, Can. Ent. 79:141, 1947.

HELORUS PARADOXUS (Prov.)
bi Clancy, Cal. Univ. Pub. Ent. 7:407-418, 1946.

HEMADAS NUBILIPENNIS (Ashm.)

Beckwith, N. J. Dept. Agr. C. 356:49, 1945.

Beckwith, USDA FB 1951 rev.:37, 1946.

HEMEROBIUS STIGMA Steph.

Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:60-62, 1947.

HEMEROCAMPA LEUCOSTIGMA (Abbott & Smith) (WHITE-MARKED TUSSOCK MOTH)*

Balch & Reeks, N. B. Dept. Lands & Mines R. 110:65, 1947.

i Boyd, N. J. Dept. Agr. C. 355:37-39, 1945.

Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:39, 1946.

Bradley, Can. Ins. Pest Rev. 24:63, 1946.

Harrison, N. S. Dept. Lands & For. R. f. 1944:45, 1945; f. 1945:39, 1946.

Hawboldt, N. S. Dept. Lands & For. R. f. 1945/46:38, 1947.

Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:13, 1946; f. 1946:10, 1947.

Sheppard et al., Can. Ins. Pest Rev. 25:49-50, 1947.

HEMEROCAMPA LEUCOSTIGMA--Continued.

Thompson, Can. Ins. Pest Rev. 24:41, 1946.

Watson, Can. Ins. Pest Rev. 24:65, 1946.

Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:30, 1946.

Watson & Razienne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:37, 1947.

HEMEROCAMPA LEUCOSTIGMA - SPRAYS - DDT

i Bodine, Amer. Forests 53:440-443, 1947.

Watts, Miss. Val. Lumberm. 78(27):6, 1947.

HEMEROCAMPA PSEUDOTSUGATA McD. (DOUGLAS-FIR TUSSOCK MOTH)*

i Evenden & Jost, USDA EPQ et al., Rpt. of Tussock Moth Control No. Ida. 1947.[33] p.

i Hall, Timberman 48(6):46, 48, 1947.

Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:65, 1945; f. 1945:63, 1946; f. 1946:80, 1947.

Leech, Can. Ins. Pest Rev. 25:63, 1947.

Mathers, Can. Ins. Pest Rev. 24:121, 1946.

Ward, B. C. Dept. Agr. R. 41:W109, 1947.

Wygant et al., Rocky Mountain Conf. Ent. R. 18:6, 1947.

HEMEROCAMPA PSEUDOTSUGATA - SPRAYS - DDT

Anderson, USDA R. Sec. f. 1947:141.

Annand, USDA EPQ R. f. 1946/47:45-46.

Annand, Miss. Val. Lumberm. 78(48) 11, 1947.

i Hoffman & Forbes, Chem. & Engin. News 25:2499-2500, 1947.

Watts, USDA FS R. f. 1947:27.

HEMEROCAMPA VETUSTA (Bdvl.) (WESTERN TUSSOCK MOTH)*

Borden, in Cal. Agr. Expt. Sta., Invest with DDT in Cal. 1944:18, 1945.

Borden & Jeppson, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:7, 1945.

i Jenks & McKay, Nat. Hist. 56:306-309, 1947.

nik Melander, N. Y. Ent. Soc. J. 55: 237-273, 1947.

HEMIBERLESIA DEGENERATA

(Leonardi), see ASPIDIOTUS DEGENERATA (Leonardi)

HEMIBERLESIA HOWARDI (Ckll.), see

ASPIDIOTUS HOWARDI Ckll.

HEMIBLABERA BRUNNERI (Sauss.)

Martorell, P. R. Univ. J. Agr. 29:357, 1945.

HEMICHROA CROCEA (Fourc.)

(STRIPED ALDER SAWFLY)*

Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:62, 1946; f. 1946:80, 1947.

Richmond, Can. Ins. Pest Rev. 24:124, 1946; 28:51, 1947.

- HEMICREPIDIUS DECOLORATUS Say
LARVAE
i Jewett, Ky. B. 489:21-22, 1946.
- HEMIERANA MARGINATA (F.)
i Knull, Ohio Biol. Surv. B. 39:285, 1946.
Smith et al., Kans. Ent. Soc. J. 20:49, 1947.
- HEMIGLYPTUS BASALIS (Crotch)
Lange, Spreckels Sugar Beet Bul. 11:3, 1947.
- HEMILEUCA MAIA (Drury) (BUCK MOTH)*
i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2:4-5, 1945.
- HEMIPTARSENUS SEMIALBICLAVUS (Gir.)
Van Zwaluwenburg, Hawaiian Ent. Soc. P. 13:30, 1947.
- HEMIPTERA
i Fullaway & Krauss, Common Insects of Hawaii 40-51, 1945.
Horváth et al., Gen. Cat. Hemiptera Fasc. IV Pt. 4-7, 252 p., 1945, Pt. 8, 246 p., 1946, Pt. 9, 276 p., 1947, Fasc. V, 18 p., 1946.
Murrill, Guide to Fla. Anim. 77-81, 1945.
- HEMIPTERA, see also HETEROPTERA, HOMOPTERA
- HEMIPTERA - AQUATIC
Chagnon & Fournier, Assoc. Can.-Franç. Avanc. Sci. Ann. 11:99, 1945. (Abs.)
- HEMIPTERA - CUBA
ni Barber & Bruner, Bklyn. Ent. Soc. B. 46 52-61, 1946.
- HEMIPTERA - INSECTICIDES
Roark, USDA EPQ E-656 7-8, 1945.
Roark & McIndoo, USDA EPQ E-687 37-39, 1946, E-728 44-75, 1947.
- HEMIPTERA - PREDATORS
Moul, Ent. News 56 58, 1945.
- HEMIPTERA - STRATIFICATION IN FORESTS
Dowdy, Ecology 28:428, 437, 1947.
- HEMIPTERA - THERAPEUTIC USE
b Weiss, N. Y. Ent. Soc. J. 55 157-158, 1947.
- HEMIPTERA & DISEASE
i Manson-Bahr, Manson's Trop. Dis. ed. 12:991-994, 1945.
- HEMISARCOPTES MALUS (Shimer)
Brann, Jr., Cornell Univ. Abs. Theses f. 1944:146, 1945.
b Lord, Can. Ent. 79:196-209, 1947.
Mathis, Fla. Ent. 29:33-34, 1947.
Pickett et al., Sci. Agr. 26:595, 597, 599, 1946.
- *HEMISPHERICAL SCALE, see SAISSETIA HEMISPHERICA (Targ.)
- HEMITARSONEMUS LATUS (Banks) (BROAD MITE)*
Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:12, 1946.
Hamilton, Natl. Chrysanthemum Soc. B. 3(2):7-8, 1947.
Pemberton, Hawaiian Ent. Soc. P. 13:12, 1947.
Wolfenbarger, Fla. Mango Forum P. 7:19, 1947.
- HEMITARSONEMUS LATUS - INSECTICIDES
Hamilton, J. Ec. Ent. 40:734, 1947.
Roark, USDA EPQ E-721:10, 1947.
Wolfenbarger, Fla. R. f. 1946/47:249.
Wolfenbarger, Fla. St. Hort. Soc. P. 60:167-168, 1947.
- HEMITARSONEMUS LATUS - INSECTICIDES - AEROSOLS
Smith et al., Agr. Chem. 2(12):61, 1947.
Smith et al., Chrysanthemum Soc. Amer. B. 15(2):5-6, 9-11, 1947.
- HEMITELES MELLICORNIS Ashm.
Baker & Doucette, Wash. B. 470:149, 1945.
Jaynes & Marucci, J. Ec. Ent. 40:11, 1947.
- HEMITELES TENELLUS (Say), see GELIS TENELLUS (Say)
- HEMLOCK INSECTS - OUTBREAKS
i Prebble & Graham, B. C. Lumberm. 29(2):25-27, 42, 44, 46, 48, (3):37-39, 88, 90, 92, 1945.
- *HEMLOCK LOOPER, see LAMBDA FISCELLARIA (Guen.)
- *HEMLOCK SAWFLY, see NEODIPRION TSUGAE Midd.
- HENOTICUS CALIFORNICUS (Mann.) (CALIFORNIA FUNGUS BEETLE)
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):10-11, 1946.
- HENTZIECTYPUS Arch.
nk Archer, Ala. Geol. Surv. Mus. Mus. Paper 22:51, 1946.
- HEPATITIS, INFECTIOUS, see FLIES & DISEASE - HEPATITIS, INFECTIOUS
- HEPIALUS BEHRENSII (Stretch)
Keifer, Cal. Dept. Agr. B. 34:189, 1946.
- HERB INSECTS
Lowman & Birdseye, USDA FB 1977 5, 1946.
- HERCINOTHRIPS FEMORALIS (Reut.) (BANDED GREENHOUSE THRIPS)* (SUGAR-BEET THRIPS)
Blanchi, Hawaiian Ent. Soc. P. 12:481, 1946.
Lange, Spreckels Sugar Beet Bul. 11:4, 1947.
b Smith & Goodhue, J. Ec. Ent. 38:176, 178, 1945.
Smith et al., Agr. Chem. 2(12):61, 1947.
- HERCINOTHRIPS FEMORALIS & YELLOW SPOT OF PINEAPPLE
Jensen, Hawaiian Ent. Soc. P. 12:595, 1946.
- HERCOTHRIPS FASCIATUS (Perg.) (BEAN THRIPS)*
Blanchi, Hawaiian Ent. Soc. P. 13:5-6, 41, 1947.
Condit, Fig:186, 1947.
Flock, Ariz. St. Ent. R. f. 1944:19, 1945.
Lamiman & Smith, Cal. Ext. C. 103 rev.:71, 1947.
i Lange, Spreckels Sugar Beet Bul. 11:4, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:17.

- HERCOTHRIPS FASCIATUS--Continued.
Mackie, Cal. B. 696:45, 1946.
Sakimura, Hawaiian Ent. Soc. P. 13:
7, 14-15, 1947.
Smith, in Cal. Agr. Expt. Sta. Invest.
with DDT in Cal. 1944:8, 1945.
Vorhies & Wehrle, Ariz. B. 203:26,
1946.
Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f.
1944/45:19, 1946.
- HERCOTHRIPS FASCIATUS - FOOD &
HOST PLANTS
Armitage et al., Cal. Dept. Agr. B. 35:
204, 1947.
- HERCOTHRIPS FEMORALIS (Reut.), see
HERCINOTHRIPS FEMORALIS
(Reut.)
- HERCOTHRIPS INSULARIS Hood
Scaramuzza, in Cuba Min. Agr. Estac
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:553, 1946.
- HERCOTHRIPS MARGINIPENNIS Hood
Armitage et al., Cal. Dept. Agr. B. 34:
174-175, 1946.
- HERCOTHRIPS PHASEOLI CUBENSIS
Watson
Osorio, Control de Plagas 8:121-122,
1946.
- HERCULES BEETLE, see DYNASTES
HERCULES (L.)
- HERCULIA INTERMEDIALIS (Wlkr.)
Davault, Quebec Min. Lands & For.
R. f. 1944/45:117, 1946.
- HERMETIA ILLUCENS L.
Dean, Kans. Ent. Soc. J. 18:84, 1945.
Dews & Morrill, J. Ec. Ent. 39:351,
1946.
Dove, USDA EPQ E-673:9, 1945.
Tanada et al., Hawaii R. f. 1944/46:71,
73, 1947.
- HERMETIA ILLUCENS & MYIASIS
i James, USDA Misc. Pub. 631:147-
148, 1947.
- HERSE CINGULATUS (F.), see AGRIS
CINGULATUS (F.)
- HESPERIIDAE
Freeman, Can. Ent. 77:201, 1945.
Freeman, Ent. News 56:4-5; 102-104,
1945.
- HESPERIIDAE - ARKANSAS
b Freeman, Field & Lab. 13:60-64,
1945.
- HESPEROTETTIX Scudd. - UTAH
Hebard, Ent. News 56:175-178, 1945.
- HESPEROTINGIS ANTENNATA Drake
Torre-Bueno, Bklyn. Ent. Soc. B. 41:
94-95, 1946.
- *HESSIAN FLY, see PHYTOPHAGA DE-
STRUCTOR (Say)
- HETERACHTES EBENUS Newm., H.
QUADRIMACULATUS Hald.
i Knull, Ohio Biol. Surv. B. 39:200,
1946.
- HETERANTHIDIUM LARREAE (Ckll.) -
NESTING HABITS
b MacSwain, Pan-Pac. Ent. 22:159-160,
1946.
- HETERARTHRON GONAGRUM (F.), see
MELALGUS GONAGRUM (F.)
- HETERARTHUS NEMORATA (Fall.)
(BIRCH LEAF-MINING SAWFLY)
Cummings, Amer. Nurserym. 83(7):
14, 1946.
Davault & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
23, 1946.
Hawboldt, N. S. Dept. Lands & For.
R. f. 1945/46:39, 1947.
Reeks, Can. Ins. Pest Rev. 24:28, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:7, 1945;
f. 1945:13, 1946; f. 1946:14, 1947.
- HETEROCERA, see MOTHs
- HETEROCORDYLUS MALINUS Reut.
(DARK APPLE RED BUG)
Dewey, N. Y. St. Hort. Soc. P. 92:58,
1947.
i Mills & Dewey, N. Y. (C.) Ext. B.
711:6-8, 10-11, 30, 37-38, 1947.
- HETEROPSYLLA MIMOSAE Cwld., H.
PUERTORICOENSIS Caldew.
Martorell, P. R. Univ. J. Agr. 29:375,
1945.
- HETEROPSYLLA TEXANA Cwld.
b Jensen, Pan-Pac. Ent. 21:74-76,
1945.
- HETEROPTERA
Torre-Bueno, Bklyn. Ent. Soc. B. 40:
68, 1945.
k Torre-Bueno, Ent. Amer. 26:1-141,
1946.
- HETEROPTERA - CHROMOSOMES
bi Schrader, Evolution 1:134-142, 1947.
- HETEROPTERA - INSECTICIDES
McIndoo, USDA EPQ E-713:83-89,
1947.
- HETEROPIILUS
Wylie, Fla. St. Hort. Soc. P. 59:89,
1946.
- HETEROTERMES AUREUS Snyder.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:22.
- HETOEMIS CINEREA (Oliv.)
i Knull, Ohio Biol. Surv. B. 39:242,
1946.
- HEXAGENIA ATROCAUDATA McD. -
SWARMING
Cooke, Ent. News 58:221-227, 1947.
- HEXAGENIA OCCULTA (Wlkr.) AS FOOD
OF FISH
b Leonard, Ent. Soc. Amer. Ann. 40:
688-691, 1947.
- *HICKORY BARK BEETLE, see SCOLY-
TUS QUADRISPINOSUS Say
- *HICKORY HORNED DEVIL, see CITH-
ERONIA REGALIS (F.)
- HICKORY SHOOT CURCULIO, see
CONOTRACHELUS PECANAE
Buch.
- *HICKORY SHUCKWORM, see LAS-
PEYRESIA CARYANA (Fitch)
- *HICKORY TUSsock Moth, see HALISI-
DOTA CARYAE (Harr.)
- HICKORY TWIG GIRDLER, see ONCID-
ERES CINGULATA (Say)
- *HIDE BEETLE, see DERMESTES
MACULATUS Deg.
- HIDES & SKINS INSECTS - INSECTI-
CIDES - DDT
Jensen & Holdaway, J. Ec. Ent. 39:
274; 283-286, 1946.

- HILL FIREWORM, *see* TLASCALA
FINITELLA (Wlkr.)
- HIPPELATES Loew
Annand, USDA EPQ R. f. 1946/47.17.
McNeill & Hinshaw, Cal. Turkey News,
Sept. 1945:15,43.
- HIPPELATES PUSIO Loew
Strickland, Can. Ins. Pest Rev. 25:
113, 1947.
- HIPPIA INSULARIS (Grote)
Martorell, P. R. Univ. J. Agr. 29:511-
512, 1945.
- HIPPOBOSCIDAE
i Bequaert, Psyche 52:88-104, 1945.
bi Herman, Cal. Fish & Game 31(1):
16-25, 1945.
b Roark, USDA EPQ E-652:27-28,
1945.
- HIPPODAMIA Dej.
ni Chapin, Smithsn. Misc. Coll. 106
(11):39 p., 1946.
Michelbacher & Swanson, J. Ec. Ent.
38:128, 1945.
Michelbacher et al., Cal. C. 365 89,
1946.
- HIPPODAMIA APICALIS Casey
Fautin, Ecol. Monog. 16 274, 1946.
- HIPPODAMIA CONVERGENS Guér (CON-
VERGENT LADY BEETLE)*
Burgess, Ariz. R. 56:48, 1946.
Fautin, Ecol. Monog. 16:269, 1946.
Glover, Wines & Vines 27(3) 20, 1946.
Hoffmann, J. Ec. Ent. 38 358, 1945.
Jaynes & Marucci, J. Ec. Ent. 40:13,
1947.
Jones et al., J. Ec. Ent. 39:772,774,
1946.
Michener & Michener, Nat. Hist. 54
144, 1945.
Osorio, Control de Plagas 8 [i.e. 7]
73, 1945.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946.73, 1947.
Pletsch, Mont. B. 446.79, 1947.
- HIPPODAMIA CONVERGENS - COLOR
PATTERN
Shull, Genetics 30:22, 1945. (Abs.)
i Shull, Ent. Soc. Amer. Ann. 39:190-
192, 1946.
- HIPPODAMIA CONVERGENS & POLLI-
NATION - GUAYULE
Gardner, Amer. Soc. Agron. J. 39:
226-233, 1947.
- HIPPODAMIA CONVERGENS x QUIN-
QUESIGNATA - INHERITANCE
i Shull, J. Hered. 36:149-160, 1945.
bi Shull, Genetics 31:230. (Abs.); 291-
303, 1946.
- HIPPODAMIA PARENTHESIS (Say)
Pletsch, Mont. B. 446:79, 1947.
- HIPPODAMIA QUINQUESIGNATA Kby.
Pletsch, Mont. B. 446:79, 1947.
i Shull, J. Hered. 36:149-160, 1945.
- HIPPODAMIA QUINQUESIGNATA AM-
BIGUA Lec.
Van Zwaluwenburg, Hawaiian Ent. Soc.
P. 13:23, 1947.
- HIPPOMELAS CALIFORNICUS (Horn)
Mansfield, Pan-Pac. Ent. 23:40-41,
1947.
- HIPPOPSIS LEMNISCATA (F.)
i Knoll, Ohio Biol. Surv. B. 39:266-
267, 1946.
- HISTERIDAE
k Arnett, Systema Nat. Zool. Ins. Pt.
3 (Pub. 5):33-43, 1947.
b Rivers, Great Basin Nat. 7:7-9,
1946.
- HISTIOGASTER CARPIO (Kramer)
Fronk, Va. TB 108 10, 1947.
- HISTORIS ODIUS (F.)
i Martorell, P. R. Univ. J. Agr. 29.
487-489, 1945.
- HOFMANNOPHILA PSEUDOSPARETELLA
(Staint.) (BROWN HOUSE MOTH)
Linsley, Pests 14(7) 12,14,16, 1946.
- *HOG FOLLICLE MITE, *see* DEMODEX
PHYLLOIDES Csokor
- *HOG LOUSE, *see* HAEMATOPINUS AD-
VENTICUS Neum.
- HOG MANGE MITE, *see* SARCOPTES
SCABIEI SUIIS (Gerl.)
- HOGS, *see* SWINE
- HOLCOCERA ICERYAELLA (Riley)
(ICERYA MOTH)
Boyce & Ortega, Cal. Citrog. 32:319,
1947.
Boyce & Ortega, Cit. Leaves 27(4):6-7,
1947.
Parker et al., Man. for Cit. Grow. ed.
3.51, 1947.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45:8, f.
1945/46 15.
- *HOLLY LEAF MINER, *see* PHYTOMY-
ZA ILICIS (Curt.)
- *HOLLY SCALE, *see* ASPIDIOTUS BRI-
TANNICUS Newst.
- HOLOCREMNUS CLANDESTINUS
(Holmgr.)
Briand, Quebec Soc. Protect. Plants
R. 30:56, 1947.
- HOLOCREMNUS RATZBURGI (Tschek)
Baird, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit. Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites.28,31,36, 1947.
Briand, Quebec Soc. Protect. Plants
30:56, 1947.
- HOLOPLEURA MARGINATA Lec.
Leech, B. C. Ent. Soc. P. 42:18, 1945.
- HOMADAULA ALBIZZIAE Clarke
(MIMOSA WEBWORM)*
Craighead & Brown, USDA EPQ E-
649:6, 1945.
French, Gard. Gossip 21(8) 17, (12).
13, 1946.
St. George, USDA EPQ, Mimosa Web-
worm, 4 p., 1946.
i Wester & St. George, J. Ec. Ent. 40:
546-553, 1947.
USDA EPQ Ins. Pest Surv. Sum. of
Ins. Conditions in 1944:16, 1945.
- HOMALEDRA SABAELLA (Chamb.)
(PALM LEAF SKELETONIZER)*
Martorell, P. R. Univ. J. Agr. 29:543-
544, 1945.
- HOMALOPALPIA DALERA Dyar (PA-
PAYA WEBWORM)
Acuña & de Zayas, Cuba (Santiago de
las Vegas) C. 85:9-10, 1946.

- HOMALOPALPIA DALERA**--Continued.
Osorio, B. Inform. Agr. Gobierno
Prov. Las Villas 17(130):9-10, 1945.
Osorio, Control de Plagas 8 [i.e. 7]:
75, 1945.
Wolfenbarger, Fla. R. f. 1945/46:205;
f. 1946/47:249.
Wolfenbarger, Fla. Ent. 29:39,43-44,
1947.
- HOMOEOSIS**, see **INSECTS** - **HOMOEOSIS**
- HOMOEOSOMA ELECTELLUM** (Hulst)
(SUNFLOWER MOTH)*
Arnason et al., Can. Ins. Pest Rev. 24:
85,89, 1946; 25:110, 1947.
Bird & Mitchener, Can. Ins. Pest Rev.
24:68, 1946.
Whaley & Bowen, USDA Misc. Pub.
618:99-100, 1947.
- HOMOEOSOMA ELECTELLUM** - **PARASITES & PREDATORS**
Satterthwait & Swain, J. Ec. Ent. 39:
575-580, 1946.
- HOMOPTERA**
Leech, B. C. Ent. Soc. P. 42:8, 1945.
Osborn & Knull, Ohio J. Sci. 46:329-
336, 1946.
- HOMOPTERA** - **CHROMOSOMES**
bi Schrader, Evolution 1:134-142, 1947.
- HOMOPTERA** - **COLLECTIONS** - **IOWA STATE COLLEGE**
i Oman, Iowa St. Col. J. Sci. 21:161-
228, 1947.
- HOMOPTERA** - **INSECTICIDES**
McIndoo, USDA EPQ E-713:61-83,
1947.
Roark, USDA EPQ E-656:4-7, 1945.
Roark & McIndoo, USDA EPQ 687:31-
36, 1946.
- HOMOPTERA** - **PREDATORS**
Moul, Ent. News 56:58, 1945.
- HOMOPTERA** - **STRATIFICATION IN FORESTS**
Dowdy, Ecology 28:428-429,437, 1947.
- HOMOPTERA** - **THERAPEUTIC USE**
b Weiss, N. Y. Ent. Soc. J. 55:158-159,
1947.
- HONEY**
DeBoth, Mod. Household Encyclop.:
150-151, 1946.
Eberle, Basketful:220-227, 1946.
- HONEY** - **BITTER**
Dunavan, S. C. R. 58:62, 1946.
- HONEY** - **BY-PRODUCTS** - **ALCOHOL**
Reich, Asoc. Téc. Azuc. Cuba B. Ofic.
5:115-126, 1946.
- HONEY** - **COLOR** - **INVERTIVE AC-TIVITY**
b Schuette & Du Brow, Food Res. 10:
330-333, 1945.
- HONEY** - **COMPOSITION**
Milum, Ill. St. Beekeepers' Assoc. R.
45/46:57-59, 1947?
- HONEY** - **CRYSTALLIZATION**
Anderson, J. Ec. Ent. 40:55-57, 1947.
- HONEY** - **DEXTRIN** - **METHOD OF DETECTION**
i Walton, Assoc. Off. Agr. Chem. J.
30:284-288, 1947.
- HONEY** - **EQUIPMENT**
i Mohrman, Gleanings Bee Cult. 73:
494-495, 1945.
- HONEY** - **EQUIPMENT**--Continued.
i Wilkins, Amer. Bee J. 85:365, 1945.
- HONEY** - **EQUIPMENT** - **EXTRACTING**
i Barnes, Gleanings Bee Cult. 74:387-
390,415, 1946.
i Coggsall, Gleanings Bee Cult. 73:
292-294, 1945.
i Grout, Amer. Bee J. 86:232-234,
1946.
Robbins, Amer. Bee J. 86:236, 1946.
Walker, Amer. Bee J. 85:317, 1945.
- HONEY** - **FERMENTATION**
Poulsen, Cal. Dept. Agr. B. 34:391,
1946; 35:407, 1947.
bi Stephan, Sci. Agr. 26:258-264, 1946.
Stephen, West. Can. Beekeeper 10(6):
15-17, 1947.
- HONEY** - **FLORIDA**
i Horton et al., Fla. Dept. Agr. Sp.
Ser. 66,92 p., 1946.
- HONEY** - **GRADES**
Armstrong, West. Can. Beekeeper 10
(1):8-9, 1947.
Hudson, South. Beekeeper 1(3):11,20,
1947.
- HONEY** - **GRADES** - **U. S. STANDARDS** -
EXTRACTED
Kitchen, Beekeepers Mag. 8(6):9-11,
1946.
- HONEY** - **HONEYDEW**, see **HONEYDEW**
- HONEY** - **MARKETING**
Arnold, Beekeepers Mag. 8(4):15-16,
1945.
Barnes, Amer. Bee J. 87:488-489,
1947.
Davis, in Davis et al., Livestock En-
terprises rev.:460-461, 1946.
Dodge, Beekeepers Item 29:298-300,
1945.
Rawson, Ill. St. Beekeepers' Assoc.
R. 45/46:66-68, 1947?
Root, Gleanings Bee Cult. 74:330-331,
1946.
Root, Ill. St. Beekeepers' Assoc. R.
45/46:59-62, 1947?
Schmidt, Minn. Hort. 74:119,125, 1946.
Schuelke, Beekeepers Mag. 8(1):11-
12, 1945.
Uhl, Jordan & Sturdevant, Amer. Bee
J. 85:9-10, 1945.
York, Cal. Dept. Agr. B. 34:375, 1946;
35:384-385, 1947.
- HONEY** - **MARKETING** - **CONTAINERS**
i Clay, South. Beekeeper 1(9):8-9,
1947.
i Tietsema, Fla. Grow. 56 [i.e. 55]:6,
1947.
- HONEY** - **MARKETING** - **COOPERATIVE**
Bain, USDA Farm Credit Adm. Misc.
R. 79,28 p., 1945.
- HONEY** - **MARKETING** - **SIOUX HONEY ASSOCIATION**
Lyle, Gleanings Bee Cult. 74:3-5,57,
1946.
- HONEY** - **NUTRITIVE VALUE**
Fishbein, Amer. Bee J. 85:238, 1945;
Beekeepers Item 29:267, 1945.
Haydak & Tanquary, Beekeepers Item
29:260-261, 1945.
- HONEY** - **POLLEN CONTENT**
Pattee, Iowa St. Apiarist R. 27:83-84,
1946.

- HONEY - POLLEN CONTENT**--Continued.
b Pattee, Iowa Acad. Sci. P. 52 155-158, 1946; 53:175-177, 1947.
- HONEY - PRICES**
Paton, Gleanings Bee Cult. 73:54-55, 1945.
Simerl, Ill. St. Beekeepers' Assoc. R. 43/44:178-182, 1945?
York, Cal. Dept. Agr. B. 33:408, 1945.
- HONEY - PROCESSING**
Lee, Gleanings Bee Cult. 73:289-291, 321,338-339,358, 1945.
Phillips, Pa. Beekeeper 20(1):23, 1945.
- HONEY - PROCESSING - SANITATION**
Emerick, Ill. St. Beekeepers' Assoc. R. 45/46:142-146, 1947?
- HONEY - PRODUCTION**
Anderson, Gleanings Bee Cult. 73:6-7, 1945.
Farrar, USDA YB f. 1943/47:680-685.
Farrar et al., Wis. B. 469:69, 1946.
Gardiner, Can. Min. Agr. R. f. 1945/46:196, f. 1946/47:229.
Gillett, N. Y. Dept. Agr. & Mkts. R. f. 1946/47:170.
Milum, Ill. St. Beekeepers' Assoc. R. 45/46:54-57, 1947?
Pugh, Saskatch. Dept. Agr. R. 40:107, 1945, 41:111, 1946.
Upshaw, Oreg. Dept. Agr. Bien. R. f. 1944/46 26.
York, Cal. Dept. Agr. B. 34 375, 1946, 35:384, 1947.
USDA BAE, Gleanings Bee Cult. 73 102, 1945.
- HONEY - PRODUCTION - ALBERTA**
English, Gleanings Bee Cult. 73 409, 1945.
- HONEY - PRODUCTION - COMB**
i Brotherwood, Gleanings Bee Cult. 75. 324-325, 1947.
Mraz, Beekeepers' Mag. 8(7) 12-13, 1946.
Myers, Amer. Bee J. 85:234, 1945.
i Noon, Gleanings Bee Cult. 73:334-335, 1945.
Oplinger, Beekeepers' Mag. 10(4):29, 1947.
Starnes, Beekeepers Mag. 7(9):9.11, 1945.
- HONEY - PRODUCTION - COMB (Cut)**
i Staack, Beekeepers Mag. 7(10):9-10, 1945.
- HONEY - PRODUCTION - COSTS**
Gardiner, Can. Min. Agr. R. f. 1945/46:94.
- HONEY - PRODUCTION - EFFECT OF NOSEMA**
b Farrar, J. Ec. Ent. 40:336-338, 1947.
- HONEY - PRODUCTION - 4-H CLUB**
i Smith, Gleanings Bee Cult. 74:385-386, 1946.
- HONEY - PRODUCTION - NEW ENGLAND STATES**
Zappe, Conn. B. 488:316-317, 1945.
- HONEY - PRODUCTION - OKLAHOMA (LAKE CARL BLACKWELL)**
Bieberdorf, Okla. Acad. Sci. P. 27:37-40, 1947.
- HONEY - PRODUCTION - TUPELO**
Whitfield, Fla. Dept. Agr. Sp. Ser. 66. 83-92, 1946.
- HONEY - PRODUCTION & WEATHER**
Braun, Gleanings Bee Cult. 73:198-201; West. Can. Beekeeper 8(6):3-4, 10, 1945.
bi Jorgensen & Markham, Mich. Sp. B. 340:22 p., 1946.
Park, Iowa R. f. 1944/45 pt. 1.245-246
- HONEY - SULFA CONTAMINATION**
Johnson, Conn. B. 512:54-55, 1946.
Shepard & Fisher, Assoc. Off. Agr. Chem. J. 29:175-177, 1946.
- HONEY - USES**
i Blackmon, Prog. Farm. Ga.-Ala.-Fla. Ed. 62(9):54, 1947.
i Bratley, La. Ext. C. 240 rev.:6-8, 1946.
bi Dunham, Ohio Ext. B. 282:31 p., 1947.
Eppright, Iowa St. Hort. Soc. Trans, 80:221-225, 1945.
Hill, Wyo. R. 54:30-31, 55:33, 1946?
Lucas, Mich. Quart. B. 27 377-381, 1945.
Thursby, Fla. Dept. Agr. Sp. Ser. 66. 17-62, 1946.
i Wade, Fla. Grow. 55(11a):5.29, 1947.
- HONEY - USES - BAKERS**
Arnold, Beekeepers Mag. 8(4) 15-16, 1945.
- HONEY - USES - MEAD, see HONEY - USES - WINE**
- HONEY - USES - THERAPEUTIC**
Ganopolsky, Beekeepers Item 29:389, 391-392, 1945.
Schiller, Gleanings Bee Cult. 74 600-601, 1946.
- HONEY - USES - WINE**
Leake, Amer. Bee J. 86 412, 1946.
Sylvestre, Abeille et l'Erable 14.47, 1945.
Tchikhatcheva, Beekeepers Item 29. 276, 1945.
Wilson, Amer. Bee J. 85:311, 1945.
- HONEY - VITAMINS**
Ganopolsky, Beekeepers Item 19:389, 391-392, 1945.
Grace, Ill. St. Beekeepers' Assoc. R. 43/44:138-139, 1945?
- *HONEY BEE, see APIS MELLIFERA L.**
- HONEY PLANT GARDENS**
McIntire, Iowa Gard. 1(3):7, 1946.
i Pellett, Iowa St. Apiarist R. 26:34-48, 1945.
i Gard. Club Amer. B. ser. 10(6):55-58, 1946.
- HONEY PLANTS**
Anderson, Gleanings Bee Cult. 73:6-7, 1945.
Edgecomb et al., Amer. Bee J. 85:195, 1945.
Gonzin, Beekeepers Item 29:277, 1945.
Johnson, Gleanings Bee Cult. 74:484-485, 1946; 75:58-589,632, 1947.
Jones, Gleanings Bee Cult. 73:194-195, 1945.
Pankiw, West. Can. Beekeeper 9(3):3-4, 1946.

HONEY PLANTS--Continued.

- Pellett, Amer. Bee J. 85:244-245; 431, 1945; 86:84,72, 1946.
- i Pellett, Amer. Honey Plants, ed. 4, 467 p., 1947.
- i Pellett, Gleanings Bee Cult. 75:7-9, 1947.
- i Pellett, Natl. Farm Chemurg. Council Chemurg. Digest 6:269,271, 1947.
- Wilson, Gleanings Bee Cult. 75:456-457, 1947.
- Willson, Gleanings Bee Cult. 75:260-261, 1947.
- b USDA EPQ Div. Bee Culture, USDA EPQ E-584 rev., 42 p., 1946.
- HONEY PLANTS - ANISE HYSSOP**
- i Aikman, Iowa R. f. 1945/46 pt. 1:194-197.
- Aikman et al., Iowa R. f. 1946/47 pt. 1: 172-173.
- Beecken, Beekeepers Item 30:14-15; Beekeepers Mag. 8(6):15-16; (12):18-19, 1946.
- Gardner, Can. Min. Agr. R. f. 1945/46: 95.
- Hahman, Amer. Bee J. 85:85, 1945.
- i Pellett, Amer. Bee J. 86:508-509, 1946.
- i Pellett, Mod. Beekeeping 31:327-328, 1946.
- Robinson, West. Can. Beekeeper 8:10, 1945.
- HONEY PLANTS - BIRDSFOOT TRE-FOIL**
- i Pellett, Amer. Bee J. 85:14, 1945.
- Robinson, West. Can. Beekeeper 8:10, 1945.
- HONEY PLANTS - BLUEVINE**
- Burton, Gleanings Bee Cult. 73:332-333, 1945.
- Burton, Mod. Beekeeping 31:232-233, 1947.
- HONEY PLANTS - CANADA**
- Robinson, West. Can. Beekeeper 9:12, 1946.
- Wright, West. Can. Beekeeper 8(7):8-9, 1945.
- Wright, West. Can. Beekeeper 10(12): 3-4, 15, 1947.
- HONEY PLANTS - CHINESE ELM**
- i Beilmann, Amer. Bee J. 87:17, 1947.
- HONEY PLANTS - CLETHRA**
- i Stricker, Gleanings Bee Cult. 74:325-326, 1946.
- HONEY PLANTS - CLOVER**
- Hackleman, Ill. St. Beekeepers' Assoc. R. 45/46:125-129, 1947?
- Wright, West. Can. Beekeeper 8(5):3-4, 1945.
- HONEY PLANTS - CLOVER, LADINO**
- Cox, Iowa St. Apiarist R. 27:74, 1946.
- HONEY PLANTS - CLOVER, PELLETT**
- i Pellett, Amer. Bee J. 85:394-395, 406, 1945; 86:459-460, 1946.
- Wright, Can. Bee J. 55(6):10, 1947.
- HONEY PLANTS - CUBA**
- Ordetx, Beekeepers' Item 29:156-157, 228-229, 1945.
- Ordetx, Important Honey Plants of Cuba, 22 p., 1945.
- HONEY PLANTS - DRAGONHEAD**
- Robinson, West. Can. Beekeeper 8(1): 10, 1945.

HONEY PLANTS - FLORIDA

- i Horton, Fla. Dept. Agr. Sp. Ser. 66: 8-16, 1946.
- HONEY PLANTS - FONTANESIA**
- i Beilmann, Amer. Bee J. 87:537, 1947.
- HONEY PLANTS - HONEY PLANT COMMITTEE REPORT**
- Dunham, Iowa St. Apiarist R. 26:62-64, 1945; 27:54-56, 1946.
- HONEY PLANTS - HONEYFLOW - EFFECT OF WEATHER**
- Parker, Kans. Bien. R. 13:58, 1946.
- HONEY PLANTS - ILLINOIS**
- Milum, Ill. St. Beekeepers' Assoc. R. 43/44:66-71, 1945?
- HONEY PLANTS - IOWA**
- Johnson, Iowa St. Apiarist R. 26:64-66, 1945.
- i Pellett, Iowa Dept. Agr. YB 45:180-194, 1945.
- HONEY PLANTS - LEGUMES**
- i Tontz, Gleanings Bee Cult. 73:249-250, 1945.
- HONEY PLANTS - LIPPIA**
- i Ordetx, Amer. Bee J. 85:88, 1945.
- HONEY PLANTS - MANITOBA**
- Braun, West. Can. Beekeeper 9(11): 6-7, 19, 1946.
- Mitchener, J. Ec. Ent. 40:854-860, 1947.
- HONEY PLANTS - MARJORUM**
- i Pellett, Amer. Bee J. 87:581, 1947.
- HONEY PLANTS - MEXICAN CLOVER**
- Dunavan & Purser, S. C. R. 57:65, 1945.
- HONEY PLANTS - MIGNONETTE**
- Robinson, West. Can. Beekeeper 8:10, 1945.
- HONEY PLANTS - MINT, MOUNTAIN**
- i Pellett, Amer. Bee J. 85:14, 1945; 87:172-173, 1947.
- HONEY PLANTS - MINT, WOOD**
- i Pellett, Amer. Bee J. 86:17, 34, 1946.
- HONEY PLANTS - MOTHERWORT, SI-BERIAN**
- i Ordetx, Amer. Bee J. 87:377, 1947.
- HONEY PLANTS - NATIONAL PROGRAM**
- Willson, Beekeepers' Mag. 10(4):17-18, 1947.
- HONEY PLANTS - NECTAR CONCENTRATION**
- Martin, Iowa St. Hort. Soc. Trans. 80: 216-217, 1945.
- b Oertel, J. Ec. Ent. 39: 513-515, 1946.
- Oertel, La. R. f. 1945/46:116-117, 1947.
- Park, Iowa R. f. 1944/45 pt. 1:249-250; f. 1945/46 pt. 1:228-229; f. 1946/47 pt. 1:203.
- Reiter, Amer. Bee J. 87:533,552, 1947.
- Vansell, Amer. Bee J. 85:396,400, 1945.
- Vansell, USDA C. 650 rev.:5,12-18,30, 1947.
- HONEY PLANTS - NECTAR CONCENTRATION - RED CLOVER**
- i Martin, Iowa St. Apiarist R. 27:81-82, 1946.

- HONEY PLANTS - NECTAR SECRETION**
Jamieson, Can. Bee J. 53:137-139, 1945.
- HONEY PLANTS - NECTAR SECRETION & WEATHER**
Park, Iowa R. f. 1945/46 pt. 1:224-225
- HONEY PLANTS - ORANGE**
i Tontz, Gleanings Bee Cult. 74:532-534, 1946.
- HONEY PLANTS - OREGON GRAPE**
i Bellmann, Amer. Bee J. 87:376, 1947.
- HONEY PLANTS - PETASITES**
Wood, Gleanings Bee Cult. 73:342, 1945.
- HONEY PLANTS - PHACELIA**
i Pellett, Amer. Bee J. 87:383, 1947.
- HONEY PLANTS - POISONOUS**
i Jones, Gleanings Bee Cult. 75:76-77, 1947.
- HONEY PLANTS - POLLEN**
Linsley & MacSwain, J. Ec. Ent. 40:350-353, 1947.
b Wolfenbarger, Amer. Mid. Nat. 35:8-15, 19-21, 27-30, 1946.
- HONEY PLANTS - PRIVETS**
i Bellmann, Amer. Bee J. 87:484, 1947.
- HONEY PLANTS - PURPLE LOOSE-STRIPE**
i Southwick, Amer. Bee J. 87:69, 1947.
- HONEY PLANTS - RAPE**
Worth, West. Can. Beekeeper 10(9):17-18, 1947.
- HONEY PLANTS - RICHARDIA SCABRA L., see HONEY PLANTS - MEXICAN CLOVER**
- HONEY PLANTS - ROSEMARY**
Freud, Gleanings Bee Cult. 75:199-201; 516-517, 1947.
- HONEY PLANTS - SAGES**
i Pellett, Amer. Bee J. 87:534-535, 1947.
- HONEY PLANTS - SAINFOIN**
i Britten, Country Guide 66(9):26-27, 1947.
- HONEY PLANTS - SASKATCHEWAN**
Pugh, Saskatch. Dept. Agr. R. 40:110-111, 1945.
- HONEY PLANTS - SOUTH CAROLINA**
Dunavan, S. C. R. 59:74-75, 1947.
Dunavan & Purser, S. C. R. 58:61-62, 1946.
- HONEY PLANTS - TREES**
i Pellett, Amer. Bee J. 86:145-146, 1946.
- HONEY PLANTS - TUPELO**
Whitfield, Fla. Dept. Agr. Sp. Ser. 66:83-92, 1946.
- HONEY PLANTS - UNITED STATES (EASTERN)**
i Mead, Amer. Bee J. 87:66-68, 1947.
- HONEY PLANTS - UTAH**
i Vansell, Utah Agr. Expt. Sta., Farm & Home Sci. 7(1):6-7, 1946.
- HONEY PLANTS - WET PLACES**
Pellett, Amer. Bee J. 86:510, 1946
- HONEY PLANTS - WILLOW, BEBB'S**
i Wright, Can. Bee J. 55(8):4-5, 1947.
- HONEY PLANTS - WINGSTEM**
Robinson, West. Can. Beekeeper 8(1):10, 1945.
- HONEY PLANTS - YAMBEAN**
i Ordetx, Gleanings Bee Cult. 74:489; Amer. Bee J. 86:407, 1946.
- HONEY PLANTS & SOIL CONSERVATION**
Beaumont, Amer. Bee J. 87:528-529, 1947.
Beaumont, Beekeepers' Mag. 10(11):19-21, 1947.
Heath, Iowa St. Apiarist R. 27:75-77, 1946.
Trebra, Amer. Bee J. 85:389-390, 1945.
Trebra, Iowa St. Apiarist R. 27:67-69, 1946.
- HONEYDEW**
Haviland, J. Ec. Ent. 40:415, 1947.
Hoffmann, J. Ec. Ent. 38:377, 1945.
Isely, Ark. B. 462:3, 6-7, 1946.
Mills & Dewey, N. Y. (C.) Ext. B. 711:49, 72, 1947.
i Pletschn, Mont. B. 446:19-21, 81-82, 1947.
Roberts, Lower Rio Grande Val. Cit. & Veg. Inst. P. 1.71, 1946.
Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:32, 1946.
Westcott, Sun-up 2(5):32, 1947.
- HONEYDEW, see also INSECT MANNA**
- HONEYDEW - DEXTRIN DETERMINATION**
i Walton, Assoc. Off. Agr. Chem. J. 30:284-288, 1947.
- HONEYLOCUST INSECTS**
i Wester & St. George, J. Ec. Ent. 40:548-553, 1947.
- HONEYSUCKLE APHID, see RHOPALOSIPHUM CONII (Davids.)**
- *HOP APHID, see PHORODON HUMULI (Schr.)**
- *HOP FLEA BEETLE, see PSYLLIODES PUNCTULATA Melsh.**
- HOP INSECTS**
Besse, Oreg. C. Inform. 353.7, 1945.
Ward, B. C. Dept. Agr. R. 41:W108, 1947.
- HOPLIA TRIFASCIATA Say**
Wressell, Can. Ins. Pest Rev. 24:58, 1946.
- HOPLISMENUS Grav. - NORTH AMERICA**
nik Swift, Ent. Soc. Amer. Ann. 39:397-410, 1946.
- HOPLITIS Klug - REVISION**
bnik Michener, BAMNH 89:260-317, 1947.
- HOPLITIS ALBIFRONS (Kby.) - VARIATION, GEOGRAPHICAL**
bi Michener, Evolution 1:172-185, 1947.
- HOPLOCAMPA COCKEI (Clarke) (CHERRY FRUIT SAWFLY)***
Smith, Cal. Ext. C. 46 rev.43, 1947.
- HOPLOCAMPA TESTUDINEA (Klug) (EUROPEAN APPLE SAWFLY)***
Dewey, N. Y. St. Hort. Soc. P. 92:59, 1947.
Downes, Can. Ins. Pest Rev. 24:126-127, 1946.
Downes et al., Can. Ins. Pest Rev. 25:87, 1947.

HOPLOCAMPA TESTUDINEA--Continued.

- i Garman & Townsend, Conn. B. 488: 341-344, 1945.
Garman et al., USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944: 6, 1945.
Olds, Cal. Dept. Agr. Sp. Pub. 209:20, 1945.
h Townsend, Conn. B. 512:79-82, 1946.
HOPLOCRYPTUS sp.
Boyce, Quebec Soc. Protect. Plants R. 30:98, 1947.
HOPLOCRYPTUS BITUMINOSUS (Cushm.), see **GAMBRUS BITUMINOSUS** (Cushm.)
HOPLOCRYPTUS INCERTULUS Cushm., see **GAMBRUS ULTIMUS** (Cress.)
HOPLOPLEURA Endrlin.
Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:29,33,44,50,63, 1947.
HOPLOPLEURA sp.
Cole, U. S. Pub. Health Rpts. 61:1472, 1478, 1946.
HOPLOPLEURA ACANTHOPUS (Burm.)
MacCreary, J. Ec. Ent. 38:127, 1945.
Rumreich, U. S. Pub. Health Rpts. 60: 892, 1945.
HOPLOPLEURA HIRSUTA Ferris
Rumreich, U. S. Pub. Health Rpts. 60: 892, 1945.
HOPLOPLEURA OENOMYDIS Ferris
b Pritchard, J. Parasit. 33:374-375, 1947.
HOPLOPSYLLUS ANOMALUS (Baker)
Linsdale, Cal. Ground Squirrel:297-299, 1946.
HOPLOPSYLLUS ANOMALUS & PLAGUE, SYLVATIC
Wheeler & Douglas, J. Infect. Dis. 77 5-6,10-12, 1945.
HOPLOTHRIPS ANGUSTICEPS (Hood)
Watson, Fla. Ent. 28:36, 1945.
HOPLOTHRIPS ANOMOCERUS (Hood)
Watson, Fla. Ent. 28:34, 1945.
HOPLOTHRIPS PERGANDEI (Hood)
Watson, Fla. Ent. 28:34-36, 1945.
HOPPERBURN, see **EMPOASCA FABAE & HOPPERBURN**
HOPPERDOZER, see **TRAPS FOR INSECTS - HOPPERDOZER**
HOPVINE BORER, see **HYDROECIA IMMANIS** Guen.
HORAMA PRETUS (Cram.)
Martorell, P. R. Univ. J. Agr. 29:499-500, 1945.
HORDNIA CIRCELLATA (Baker) (**BLUE SHARPSHOOTER**)
Butterfield, Cal. Ext. C. 80 rev.:47, 1947.
HORDNIA CIRCELLATA & ALFALFA DWARF DISEASE
Hewitt et al., Phytopathology 36:119-128, 1946.
HORDNIA CIRCELLATA & PIERCE'S DISEASE OF GRAPEVINES
Freitag et al., Wine Rev. 13(2):22,28, 1945.
Hewitt et al., Phytopathology 36:117-128, 1946.
Houston et al., Phytopathology 36:401-402, 1946. (Abs.); 37:247-253, 1947.

HORDNIA CIRCELLATA & PIERCE'S DISEASE OF GRAPEVINES--Continued.

- McComb, Cal. Fruit & Veg. Rev. 6(1). 21, 1945.
HORISMENUS MISSOURIENSIS (Ashm.)
Brett, J. Agr. Res. 73:84, 1946.
HORISTONOTUS UHLERII Horn (**SAND WIREWORM**)* (**CORN WIREWORM**)
Barber & Smith, La. R. f. 1944:45-59, 1946; f. 1944/45:58-59, 1946.
i Lincoln & Miner, Ark. Ext. C. 437 6-7, 1945.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2) 7.
Nettles et al., S. C. Ext. B. 109:37-38, 1947.
HORMAPHIS HAMAMELIDIS Fitch - **GALL-FORMING SUBSTANCE**
Lewis & Walton, Amer. J. Bot. 34: 586, 1947. (Abs.)
Lewis & Walton, Science 106 419-420, 1947.
Lewis & Walton, Va. Acad. Sci. P. 25. 73, 1947. (Abs.)
HORMIUS n. sp.
Clancy, J. Ec. Ent. 39:328, 1946.
***HORN FLY**, see **SIPHONA IRRITANS** (L)
***HORNED PASSALUS**, see **POPILIUS DISJUNCTUS** (Ill.)
HORNETS, see **VESPINAE, WASPS**
HORNIA BOHARTI Lins. - **LARVAE - LONGEVITY**
Linsley & MacSwain, Pan-Pac. Ent. 21:88, 1945.
HOROGES Forst.
Smith, Acadian Nat. 2:120, 1946.
HOROGES sp.
Fulton, B. C. Ent. Soc. P. 43:25-27, 1947.
Satterthwait & Swain, J. Ec. Ent. 39 579-580, 1946.
Wishart, Ent. Soc. Ont. R. 77 36, 1947.
HOROGES sp. - **OVERWINTERING**
Coppel, Ent. Soc. Ont. R. 77:39, 1947.
HOROGES CACOECIAE (Vier.)
Balch & Reeks, N. B. Dept. Lands & Mines R. 109:123, 1946.
Reeks, Can. Ins. Pest Rev. 24 25, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:12, 1946.
HOROGES NANA (Grav.)
Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit. Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:24-25,27, 1947.
HOROGES OBLITERATUS (Cress.)
Blackburn, J. Ec. Ent. 39:542, 1946.
Boyce, Ent. Soc. Ont. R. 77:21-22,24, 27-30,33, 1947.
HOROGES PTEROPHORAE (Ashm.)
Baker & Doucette, Wash. B. 470:149, 1945.
HOROGES PUNCTORIUS (Roman)
Arbuthnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:30-33, 1947.
Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):1-2,4.
Clark, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 1):1-3,5; (1945, No. 3),4 p.

HOROGES PUNCTORIUS--Continued.

- Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 4), 2 p.; (1946, No. 2), 10 p.; (1946, No. 3):1-2, 4.
 Cooper, Ky. R. 57:19, 1945; 58:30, 1946; 59:28, 1947.
 Cory, Md. Agr. Soc. R. 30:147-148, 1946.
 Deay, Ind. R. 59:11, 1946, 60:68, 1947.
 Deay & Vance, Ind. R. 58:50, 1945.
 Drake et al., Iowa R. f. 1944/45 pt. 2: 68.
 i Drake et al., Iowa Dept. Agr. YB 45 100-107, 1945, 46:171-176, 1946, 47:121-126, 128-129, 1947.
 Jones et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 3):2-6.
 MacCreary, Del. B. 263:26, 1947.
 Rice & Wolfenbarger, Del. B. 259:21, 1945.
 i Ritcher, Ky. B. 502:20-21, 1947.
 Weiss, N. J. Dept. Agr. R. 31:153, 1946, 32:161, 1947.
***HORSE BITING LOUSE, see BOVICOLA EQUI (L.)**
***HORSE BOT FLY, see GASTEROPHILUS INTESTINALIS (Deg.)**
HORSE FLIES, see TABANIDAE
***HORSE SUCKING LOUSE, see HAEMATOPINUS ASINI (L.)**
***HORSE RADISH FLEA BEETLE, see PHYLLOTRETA ARMORACIAE (Koch)**
HORSES - PESTS
 Dickinson, in Davis et al., Livestock Enterprises rev. 213-214, 1946.
 Leffingwell & Lesser, Amer. Cattle Prod. 27(7):25-26, 1945.
 Tiner & Douglass, N. Amer. Vet. 27 219, 1946.
 Ward, J. Parasit. 33(6 Sect. 2):23, 1947. (Abs.)
HORSES - PESTS - HAWAII
 b Alicata, Pac. Sci. 1:76, 81-82, 1947.
HORSES - PESTS - INSECTICIDES - DDT
 Dimock & Westerfield, Blood-Horse 45:917, 941, 1946.
 Pullen, Blood-Horse 45:532, 1946.
HOSPITAL INSECTS
 i Dove, DDT Insect Control to Open New Era in Hosp. Sanit. 3 p., 1945. (Repr. from Hosp. Mangt. Aug. 1945)
***HOUSE CENTIPEDE, see SCUTIGERA CLEOPTRATA (L.)**
***HOUSE CRICKET, see ACHETA DOMESTICA L.**
***HOUSE FLY, see MUSCA DOMESTICA L.**
HOUSE PLANT INSECTS
 Abbott, Indoor Gard.:25-32, 109-111, 1946.
 Godfrey, Can. Dept. Agr. Pub. 798 (FB 145):10-13, 1947.
 i Goldsmith, Picture Primer of Indoor Gard.:40-41, 1946.
 i Holley, N. H. B. 359:9-15, 17-18, 22, 25-27, 30, 33, 35, 38, 40, 42-44, 46-47, 1945.
 i Holley, Better Homes & Gard. 25(2): 174-175, 1946.
 Honeywell, Ind. Ext. B. 206 rev.:10-11, 1947.

HOUSE PLANT INSECTS--Continued.

- i Lincoln, Ark. Ext. C. 362 rev.:18-19, 1945.
 McCrory, S. D. Dept. Hort. & For. Hort. Pam. 33, 7 p., 1947.
 McDaniel, Mich. Gard. 13(1):29-30, 1946?
 Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:10, 1947.
 Tauber, Iowa St. Hort. Soc. Trans. 82: 207, 1947.
 Westcott, Home Gard. (N. Y.) 6(6):77-84, 1945.
 Westcott, Sun-up 2(9):4-5, 1947.
HOUSEHOLD INSECTS
 Eddy, R. I. Dept. Agr. & Conserv. R. 10 48-49, 1945.
 Flock, Ariz. St. Ent. R. f. 1944 20-21, 1945.
 b Jones, Iowa Acad. Sci. P. 52 299-301, 1946.
 Knutson, R. I. Dept. Agr. & Conserv. R. 12:53-54, 1947.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.
 Leaver, R. I. Dept. Agr. & Conserv. R. 11:34, 1946.
 Lyle, Miss. Inform. Sheet 347, 2 p., 1945.
 bi Palmer, Nature Mag. 38 417-424, 1945.
 Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:106-107, 1947.
 i Stiles, Okla. Ext. C. 223 rev., 38 p., 1946?
 Usinger, Pest Control & Sanit. 1(12): 19, 1946.
HOUSEHOLD INSECTS, see also BAKERY INSECTS, CAMP INSECTS, FABRIC INSECTS, FOOD INSECTS, HOSPITAL INSECTS, MILL INSECTS, THEATRE INSECTS
HOUSEHOLD INSECTS - BIBLIOGRAPHY
 Mallis, Handb. of Pest Control:505-539, 1945.
HOUSEHOLD INSECTS - CANADA
 Gardiner, Can. Min. Agr. R. f. 1944/45:67.
 Manson et al., Can. Ins. Pest Rev. 25: 117-125, 1947.
 Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213, 11 p., 1947.
HOUSEHOLD INSECTS - CONTROL
 i Back, USDA Leaf. 147 rev., 8 p., 1946.
 Bailey, Agriview 5(4):1, 1946.
 i Berger, Ill. Nat. Hist. Surv. C. 41, 44 p., 1947.
 Davis, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:45-47, 1946.
 i DeBoth, Mod. Household Encyclop.: 20, 70-71, 117-118, 160, 199-201, 279, 307, 330, 1946.
 b Gray, Pests 15(8):12, 14, 1947.
 Janes, Mich. Ext. Folder F-110, 6 p., 1947.
 i Kendall, Good Housekeeping House-keeping Book:343-370, 1947.
 i King, Tex. Ext. B. 151, 16 p., 1947.
 i Kyd, Okla. Ext. C. 454, 8 p., 1947.

HOUSEHOLD INSECTS - CONTROL--

Continued.

- i Lincoln, Ark. Ext. C. 362 rev., 19 p., 1945.
- Lyle, Miss. Farm Res. 8(6):7, 1945.
- bi Mallis, Handb. of Pest Control, 554 p., 1945.
- b Michelbacher, Pests 13(5):18,20, 1945; 14(4):14,16, 1946; 15(16):8,10, 12,14, 1947.
- Myers et al., M. Y. (C.O.R. 57:52, 1945; 58:55, 1946; 59:47, 1947.
- i Pace, Complete Home Encyclop.:365-373, 1947.
- Perot, Pests 14(6):32, 1946.
- i Shepard, Pests 14(11):10,12,14,15,18, 20,22,24, 1946.

HOUSEHOLD INSECTS - INSECTICIDES

- Dove, Pest Control & Sanit. 2(10):16-17,22, 1947.
- Dove, Pests 15(9):30, 1947.
- Freeborn, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:3-4, 1945.
- Gould, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:47-48, 1946.
- Lincoln, Ark. Ext. Leaf. 83,8 p., 1947.
- i Mail, Chem. Indus. 60:218-220, 1947.
- Markwood & Arrington, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 5(18). 1-4, 1947.
- Rohwer, Pest Control & Sanit. 2(8):16-17,25-27,30, 1947.
- Searles, Kraftsm. Prod. Ed. 3(6):17, 1945.
- Hyman, Julius & Co., Tech. Sup. 204, 4 p., 1947.

HOUSEHOLD INSECTS - INSECTICIDES - DDT

- i Albee, DuPont Mag. 40(4):4-5, 1946.
- Annard, USDA EPQ R. f. 1944/45:11.
- Conner, N. C. Ext. C. 291 rev.:5-6, 1947.
- Creighton, Fla. St. Hort. Soc. P. 58: 151-152, 1945.
- i Daggy et al., Minn. Ext. B. 252:8-11, 1946.
- Davis, J. Ec. Ent. 39:60-61, 1946.
- Dove, USDA EPQ E-673, 14 p., 1945; Pests 14(2):8-12,14, 1946.
- i Ducas, House Beautiful 87(12):122-124, 1945.
- England, Hawaii Farm & Home 8(7): 24, 1945.
- Feiner & Resnick, Ladies' Home J. 63 (6):176-177, 1946.
- Fenton et al., Okla. Mimeo. C. 147:5, 7, 1945.
- Freeborn, Nulaid News 23(7):24, 1945.
- Gardiner, Can. Min. Agr. R. f. 1945/46:81-82; f. 1946/47:98-99.
- Gray, Cal. Med. 65:62-63, 1946.
- Gunderson, Iowa St. Hort. Soc. Trans. 80:11-17, 1945.
- Gunderson, Iowa Dept. Agr. YB 46: 297-299, 1946.
- b Hanson, Pests 14(8):10,12,14, 1946.
- i Haseman, Mo. C. 309:4-5, 1946.
- Henderson, USDA YB f. 1943/47:643-647.
- Jarrett, N. C. St. Bd. Health, Health B. 60(10):11-12, 1945.

HOUSEHOLD INSECTS - INSECTICIDES - DDT--Continued.

- Kaspar, Fla. Grow. 53(9):7,10, 1945.
 - Land, N. J. Dept. Health Pub. Health News 28:112-113, 1946.
 - bi Leary et al., DDT & the Ins. Prob.: 76-99, 1946.
 - i Margolius, Collier's 118(2):27,57, 1945.
 - Mattoon, For. Leaves 35(6):2-3, 1945.
 - Mote, Oreg. C. Inform. 389,5 p., 1946.
 - i Muma, Neb. Ext. C. 1534 rev.,8 p., 1946.
 - i Nettles, S. C. Ext. C. 284,15 p., 1946.
 - Pepper, Pa. B. 475 sup. 1:2, 1946.
 - i Schafer, Ind. St. Bd. Health Mo. B. 48:206-207,224, 1945.
 - Simmons & Arnold, Pests 14(4):20,22, 1946.
 - Stanley, Tenn. Ext. Pub. 293 rev.:8-11, 1947.
 - Stewart, Cal. Mosq. Control Assoc. P. 14:6-8, 1946.
 - Sweetman & Bourne, Mass. Ext. Sp. C. 136,4 p., 1947.
 - Van Kleeck, Conn. Health B. 59:235-236, 1945.
 - Weed, Mod. Hosp. 66(1):120,122, 1946.
 - i USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests, 15 p., 1947.
- # HOUSEHOLD INSECTS - SPRAYS
- i Hercules Powder Co., Soap & Sanit. Chem. 22(4):134-135, 1946.
- # HOUSEHOLD INSECTS - SPRAYS - DDT
- Crockett, Med. Assoc. Ala. J. 16:347-348, 1947.
 - Henderson & Stage, Pests 14(6):16,18, 1946.
 - Horsfall & Lincoln, Ark. Ext. Leaf. 74,6 p., 1946.
 - i Kendall, Good Housekeeping 125(2): 110-111, 1947.
 - Tarzwel & Stierli, U. S. Pub. Health Rpts. Sup. 186:40,48, 1945.
 - i Thone, Crown 36(6):15,22-24, 1947.
- *HOWARD SCALE, see ASPIDIOTUS HOWARDI Ckll.
- # HOWARDIA BICLAVIS (Comst.) (MINING SCALE)*
- Flock, Ariz. St. Ent. R. f. 1944:20, 1945.
 - Martorell, P. R. Univ. J. Agr. 29:403-404, 1945.
- *HUMAN BOT FLY, see DERMATOBIA HOMINIS (L., Jr.)
- *HUMAN FLEA, see PULEX IRRITANS L.
- # HUMIDITY & INSECTICIDES
- Eddy, J. Ec. Ent. 40:116-118, 1947.
 - b Harries, J. Agr. Res. 71:560-565, 1945.
 - Langhorst, Agr. Chem. 2(4):69,71, 1947.
 - b Sweetman, Soap & Sanit. Chem. 21 (12):141,143,145,147,149,171, 1945.
- # HUMIDITY & INSECTS
- Annard, USDA EPQ R. f. 1943/44:12.
 - Becker, Mass. B. 428:43, 1945.
 - Brett, Okla. TB 28:17,19,22-31, 1947.

HUMIDITY & INSECTS--Continued.

- Buck & Klester, Anat. Rec. 96:499-500, 1946. (Abs.)
 Cotton, Seed Trade Buyers Guide 29: 119-120, 1946.
 Cotton, Pest Control & Sanit. 2(12):23-24, 1947.
 Cotton & Frankenfeld, USDA EPQ E-877:1-4,6-11,13, 1945.
 Cotton et al., USDA C. 720:5, 1945.
 Culpepper, J. Ec. Ent. 39:473-474, 1946.
 Daviault, Rev. Can. de Biol. 6:366-368, 1947.
 Davis, Ecol. Monog. 15:263-272,293-295, 1945.
 Douglass et al., Amer. Soc. Sugar Beet Technol. P. 4:293-297, 1947.
 Drake et al., Iowa R. f. 1944/45 pt. 2 67.
 Duncan, Quebec Min. Agr. R. f. 1945/46:28, 1947.
 Duncan, Assoc. Can. Franç. Avanc. Sci. Ann. 13:110, 1947. (Abs.)
 Duncan, Quebec Soc. Protect. Plants R. 30:90, 1947.
 Farrar, Soybean Digest 6(2) 12-13, 1945.
 b Finney et al., J. Ec. Ent. 38:319-323, 1945.
 Finney et al., Hilgardia 17.445,450, 452,455,472, 1947.
 Fronk, Va. TB 108:11-12, 1947.
 Giglioli, Natl. Malar. Soc. J. 6:161-162, 1947.
 Govaerts & Leclercq, Sci. News Let. 49:312, 1946.
 Gray, Can. Food Packer 17(10):31, 1946.
 Grundemann, Kans. Ent. Soc. J. 20:81, 85, 1947.
 Hare, Pan-Pac. Ent. 21 55-56, 1945.
 Haviland, J. Ec. Ent. 40:416, 1947.
 Hill & Sooter, Neb. R. 60:51, 1947.
 Hodson & Weinman, Minn. TB 170:15-30, 1945.
 Isely, Ark. B. 462:16-17, 1946.
 Jenkins, Ent. Soc. Amer. Ann. 40:63-65, 1947.
 bi Ludwig, Physiol. Zool. 18:103-135, 1945; 19:335-359, 1946.
 Madden & Chamberlin, USDA TB 896. 20-21,27, 1945.
 Martin, J. Ec. Ent. 39:419, 1946.
 Michelbacher, Cal. Agr. 1(8):1,3, 1947.
 Mickel & Standish, Minn. TB 175:4,6-23,26-28, 1946, 178,20 p., 1947.
 Park, Chicago Acad. Sci. B. 8:115-116, 1947.
 Peterson, Man. of Ent. Equip. & Methods ed. 5, Pt. 1-2:11-17,19-20, 1947.
 Pfadt, Colo-Wyo. Acad. Sci. J. 3(3/4): 47, 1946. (Abs.)
 b Pfadt, J. Ec. Ent. 40:293-300, 1947.
 Pietsch, Mont. B. 446:65-67,84, 1947.
 Polivka, Ohio B. 675:75-76, 1947.
 Rees & Harmston, Mosq. News 6:74-75, 1946.
 Rees & Nielsen, N. J. Mosq. Exterm. Assoc. P. 34:163, 1947.
 Roberts, Silk Cult. in Amer.:30, 1945.
 Romney, Ecology 26:136-147, 1945.

HUMIDITY & INSECTS--Continued.

- Rosenstiel, J. Ec. Ent. 40:797-798, 1947.
 Salt, Sci. Agr. 26:622-639, 1946.
 Salt, Can. J. Res. Sect. D 25:68, 1947.
 Salt & Seamans, Can. Ent. 77:150-155, 1945.
 Shedd & Walkden, USDA C. 760:25-26, 47-48, 1947.
 Smith et al., USDA TB 905:53-54, 1946.
 Stanley, Ecology 27:303-314, 1946.
 Talbot, Ecology 27:65,68-70, 1946.
 Tauber & Bruce, Iowa St. Col. J. Sci. 20:53-55, 1945.
 b Wellington, Can. Ent. 77:7-15,21-28, 1945.
 HUMIDITY & INSECTS - DRYING TOLERANCE
 b Tauber et al., Iowa St. Col. J. Sci. 19.353-355, 1945.
 Yates, Mosq. News 5:98-99, 1945.
 HUMIDITY & INSECTS - EFFECT ON MATING
 Wilkes, Quebec Soc. Protect. Plants R. 30:177-178, 1947.
 HUMIDITY & INSECTS - EFFECT ON RESPIRATION
 b Birch, Ecology 28.17-25, 1947.
 HUMIDITY & NECTAR CONCENTRATION
 bi Oertel, J. Ec. Ent. 39 513-515, 1946.
 HUNTERELLUS HOOKERI How.
 Smith et al., USDA TB 905:72, 1946.
 HYALIOIDES VITRIPENNIS (Say)
 Connell & Beachler, Del. B. 265 25-26, 1947.
 HYALOPHORA CECROPIA (L.) (CECROPIA MOTH)*
 Baechle, Ind. Acad. Sci. P. 56.246, 1947? (Abs.)
 i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2.2, 1945.
 bi Frings, J. Expt. Zool. 99 115-140, 1945.
 Gardiner, Can. Min. Agr. R. f. 1946/47 94.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944.53, 1945, f. 1945.54, 1946.
 Peterson, Can. Ins. Pest Rev. 24.111, 1946, 25:44, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:69, 1947.
 Severin, S. Dak. R. 60.17, 1947.
 i Urquhart, Can. Nature 8:64-65, 1946.
 HYALOPHORA CECROPIA - CHEMORECEPTORS - MOUTHPARTS
 b Frings, Biol. Bul. 88:37-43, 1945.
 HYALOPHORA CECROPIA - DIAPAUSE
 bi Williams, Biol. Bul. 90:234-243, 1946, 93:89-98, 1947.
 Williams, Anat. Rec. 99:591,671-672, 1947. (Abs.)
 HYALOPTEROIDES PALLIDA Theob.
 Essig, Pan-Pac. Ent. 21:119-120, 1945.
 HYALOPTERUS ARUNDINIS (F.) (MEALY PLUM APHID)*
 Gardiner, Can. Min. Agr. R.f.1946/47:86

- HYALOPTERUS ARUNDINIS**--Continued.
Howard & Brooks, Cal. Ext. C. 117
rev.:72, 1947.
Marshall, Can. Ins. Pest Rev. 25:97,
1947.
Morgan, Can. Ent. 79:109, 1947.
Venables, Can. Ins. Pest Rev. 24:119,
1946.
- HYALOPTERUS ARUNDINIS & RING-
SPOT VIRUS OF POISON HEM-
LOCK - CELERY**
Freitag & Severin, Hilgardia 16:396-
405, 1945.
- HYALOPTERUS ATRIPLICIS (L.) & MO-
SAIC OF BEANS**
Jensen, Hawaiian Ent. Soc. P. 12:582,
1946.
- HYBLA MACULATA** McA.
Martorell, P. R. Univ. J. Agr. 29:373,
1945.
- HYBLAEA PUERA (Cram.)**
Martorell, P. R. Univ. J. Agr. 29:538-
539, 1945.
- HYCTIA BRYANTAE** Jones
n Jones, Field & Lab. 13(1):39-41,
1945.
- HYDNOCERA AFFILIATA** Fall, *see*
PHYLLOBAENUS AFFILIATA (Fall)
- HYDNOCERA DISCOIDEA** Lec., *see*
PHYLLOBAENUS DISCOIDEA (Lec.)
- HYDNOCERA PUBESCENS** Lec., *see*
PHYLLOBAENUS PUBESCENS
(Lec.)
- HYDNOCERA SCABRA** Lec., *see* **PHYL-
LOBAENUS SCABRA (Lec.)**
- HYDROECIA IMMANIS** Guen. (HOPVINE
BORER)
Gauthier, Can. Ins. Pest Rev. 25:34,
1947.
Magie, N. Y. (G.) R. 64:48, 1946.
i Magie & Munding, N. Y. (G.) Farm
Res. 12(2) 11-12, 1946.
- HYDROECIA MICACEA (Esp.) (POTATO
STEM BORER)***
Gorham, Can. Dept. Agr. Div. Ent.
Processed Pub. 45:3, 1946.
Neary, N. S. Dept. Agr. & Mktg. R. f.
1945/46:92, 1947.
Patterson & Neary, Can. Ins. Pest Rev.
25:25, 1947.
- HYDROGEN ION CONCENTRATION**
b Fletcher, Natl. Malar. Soc. J. 5:148-
149, 1946.
b Kay, Mil. Surg. 98:50-52, 1946.
Rees & Nielsen, N. J. Mosq. Exterm.
Assoc. P. 34:164, 1947.
Vogt, J. Ec. Ent. 40:320,322-325, 1947.
- HYDROPHILIDAE - PREY - PRECIPITIN
TEST**
Brooke & Proske, Natl. Malar. Soc. J.
5:49-55, 1946.
- HYDROPTILIDAE**
ni Denning, Bklyn. Ent. Soc. B. 42:145-
158, 1947.
ni Denning, Can. Ent. 79:12-20, 1947.
ni Denning, Psyche 54:170-177, 1947.
- HYDROPYRUS HIANIS (Say)**
i Sharnsmith, Yosemite Nature Notes
25:128-129, 1946.
- HYDROTAEA METEORICA (L.) & MYIA-
SIS**
James, USDA Misc. Pub. 631:131, 1947.
- HYDROUS** Thunb. AS FOOD OF MAN
Hoffmann, Ent. Soc. Wash. P. 49:233,
1947.
- HYDROZETES** Berl. - NORTH AMERICA
bi Newell, Conn. Acad. Arts & Sci.
Trans. 36:253-275, 1945.
- HYIDAE**
bnik Chamberlin, Utah Univ. B. 37(6),
16 p., 1946.
- HYLASTES EXILIS** Chap.
Beal & Massey, Duke Univ. School
For. B. 10:96, 1945.
- HYLASTES NIGRINUS (Mann.)**
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1945:64, 1946.
- HYLASTES PORCULUS** Er., H. SALE-
BROSUS Eichh., H. SCOBINUS
Eichh., H. TENUIS Eichh.
i Beal & Massey, Duke Univ. School
For. B. 10:94-96, 1945.
- HYLASTINUS OBSCURUS (Marsh.) (CLO-
VER ROOT BORER)***
Beal & Massey, Duke Univ. School
For. B. 10:89-90, 1945.
Schwardt et al., J. Ec. Ent. 40:364-
365, 1947.
- HYLEMYA** Rob.-Desv.
Arnason et al., Can. Ins. Pest Rev. 24:
87, 1946.
Goble et al., Can. Ins. Pest Rev. 25
26, 1947.
- HYLEMYA & MYIASIS**
James, USDA Misc. Pub. 631:123,
1947.
- HYLEMYA & POLLINATION - GUAYULE**
Gardner, Amer. Soc. Agron. J. 39:226-
233, 1947.
- HYLEMYA (ACROSTILPNA** Ringd.) -
NORTH AMERICA
nik Hockett, Bklyn. Ent. Soc. B. 41
118-125, 1946.
- HYLEMYA (BOTANOPHILA** Lloy) -
NORTH AMERICA
nik Hockett, N. Y. Ent. Soc. J. 55 1-
33, 1947.
- HYLEMYA (CRASPEDOCHAETA** Macq.) -
NORTH AMERICA
nik Hockett, Bklyn. Ent. Soc. B. 41
110-118, 1946.
- HYLEMYA (PHORBIA** Rob.-Desv.) -
NORTH AMERICA
nik Hockett, Bklyn. Ent. Soc. B. 42
109-125, 1947.
- HYLEMYA ANTIQUA (Meig.) (ONION
MAGGOT)***
Arnason et al., Can. Ins. Pest Rev.
24:87, 1946.
Bird & Mitchener, Can. Ins. Pest Rev.
24:70, 1946.
Cannon, Can. Ins. Pest Rev. 24:10,
1946.
Gardiner, Can. Min. Agr. R. f.
1945/46:65; f. 1946/47:81-82.
Gauthier, Can. Ins. Pest Rev. 24:31,
1946.
Manson et al., Can. Ins. Pest Rev. 24:
96, 1946; 25:34-35, 1947.
Thompson, Can. Ins. Pest Rev. 24:38,
1946.
Ward, B. C. Dept. Agr. R. 40:V77,
1946; 41:W106, 1947.

- HYLEMYA ANTIQUA**--Continued.
Wressell, Can. Ins. Pest Rev. 24:56, 1946.
- HYLEMYA ANTIQUA - INSECTICIDES**
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:53-55, 1947.
Compton, Rocky Mountain Conf. Ent. R. 18:12, 1947.
i Krone et al., Mich. Ext. B. 4 rev.:76-77, 1945.
b McLeod, J. Ec. Ent. 39:631-637, 1946.
Munro, N. & S. Dak. Hort. 20 143, 1947; N. Dak. Bimo. B. 9:81-82, 1947.
- HYLEMYA ANTIQUA - SEED TREATMENT**
Besse, Oreg. C. Inform. 353:6, 1945.
McLeod, J. Ec. Ent. 39:815, 1946.
- HYLEMYA BRASSICAE (Bouché) CABBAGE MAGGOT)***
Cannon, Can. Ins. Pest Rev. 24:10, 1946.
Duncan, Quebec Min. Agr. R. f. 1945/46:28, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:64-65; f. 1946/47:81-82.
Gauthier, Quebec Min. Agr. R. f. 1944/45:60.
Gauthier, Can. Ins. Pest Rev. 24:31, 1946.
Glendenning, Can. Ins. Pest Rev. 24:118, 1946.
Goble & Thompson, Ont. Crop Impr. Assoc. Addresses Ann. Conv. f. 1947. 142.
Manson et al., Can. Ins. Pest Rev. 24:95, 1946; 25:30, 1947.
Pepper, Pa. Ext. C. 287:11-12, 1946.
Thompson, Can. Ins. Pest Rev. 24:37, 1946.
Ward, B. C. Dept. Agr. R. 40:V77, 1946; 41:W108, 1947.
Whitcomb et al., Mass. Com. Veg. Grow. Jan.10, 1945:3.
Wressell, Can. Ins. Pest Rev. 24:55, 1946.
- HYLEMYA BRASSICAE - BIOLOGY**
Duncan, Quebec Soc. Protect. Plants R. 29:99-100, 1945?
- HYLEMYA BRASSICAE - CONTROL**
Besse, Oreg. C. Inform. 353:6, 1945.
Carlson et al., Wash. B. 470:146-147, 1945.
b Carlson et al., J. Ec. Ent. 40:57-64, 1947.
Menusan, Pa. Veg. Grow. News 15(2):44-45, 1945.
Pratt et al., N. Y. (C.) Ext. B. 696 rev.:46, 58, 1947.
Sherwood & Bishop, W. Va. Ext. C. 325 rev.:7-9,33, 1945.
Thompson, Ont. Dept. Agr. B. 449:10, 1947.
- HYLEMYA BRASSICAE - INSECTICIDES**
Buchanan, Wash. B. 482:75-76, 1946.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:7-11, 1947.
Compton, Rocky Mountain Conf. Ent. R. 18:12, 1947.
Krone et al., Mich. Ext. B. 4 rev.:53-54,84, 1945.
- HYLEMYA BRASSICAE - INSECTICIDES--Continued.**
Lininger et al., Pa. B. 488:44, 1947.
Nissley, N. J. St. Hort. Soc. News 27:1821, 1946.
Talmage, Conn. Veg. Grow. Assoc. P. 34:83, 1946.
Whitcomb, Mass. B. 436-40, 1946, 441:37, 1947.
- HYLEMYA BRASSICAE - INSECTICIDES - DDT**
Bowser, Mich. Quart. B. 28:194-197, 1946.
Gardner, Mich. R. 59 in Mich. St. Bd. Agr. R. 85:267-268, 1947.
- HYLEMYA BRASSICAE - INSECTICIDES - FUMIGANTS**
bi McColl, Boyce Thompson Inst. Contrib. 13:463-472, 1945.
- HYLEMYA BRASSICAE - RESISTANT CABBAGE**
Whitcomb, Mass. B. 428:39, 1945.
- HYLEMYA BRASSICAE - TARPAPER**
Mote et al., Oreg. Ext. B. 676:5, 1947.
- HYLEMYA BRASSICAE & TEMPERATURE**
Brunelle, Assoc. Can. Franç.-Avanc. Sci. Ann. 13:96, 1947. (Abs.)
- HYLEMYA CANA (Macq.), see HYLEMYA CILICRURA (Rond.)**
- HYLEMYA CILICRURA (Rond.) (SEED-CORN MAGGOT)* (BEAN MAGGOT)**
Davis, Ind. Acad. Sci. P. 56:149, 1947?
Haseman, Mo. B. 391 ed. 2.15, 1946.
Keifer, Cal. Dept. Agr. B. 33:253, 1945.
Leaver, R. I. Dept. Agr. & Conserv. R. 11:34, 1946.
i Muma, Neb. Ext. C. 1537:5, 1946.
Oldroyd, Alaska R. 10:53-55, 1947.
Parker, Ariz. St. Ent. R. f. 1946/47. 26.
Pratt et al., N. Y. (C.) Ext. B. 696 rev.:42, 1947.
Rice et al., Del. B. 259:23, 1945.
Schwardt, N. Y. (C.) R. 57:123, 1945; 58:118, 1946, 59:119, 1947.
i Shull & Manis, Ida. Ext. B. 150:6, 1945.
Stearns, Del. B. 263:28, 1947.
Werner, Neb. B. 384:73,78, 1947.
USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945.12-13, 1946.
- HYLEMYA CILICRURA - CANADA**
Arnason et al., Can. Ins. Pest Rev. 24:87, 1946.
Cannon, Can. Ins. Pest Rev. 24:11, 1946.
Downes et al., Can. Ins. Pest Rev. 25:26, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:81.
Gauthier, Can. Ins. Pest Rev. 24:31, 1946.
Gorham, Can. Dept. Agr. Div. Ent. Processed Pub. 45:1-2, 1946.
Maltais, Can. Ins. Pest Rev. 24:35, 1946.
Thompson, Can. Ins. Pest Rev. 24:37, 1946.
Wressell, Can. Ins. Pest Rev. 24:55, 1946.

- HYLEMYA CILICRURA - CONIFEROUS SEEDLINGS**
 Breakey, Wash. B. 470:123-124, 1945.
 i Breakey et al., J. Ec. Ent. 38:121, 1945.
- HYLEMYA CILICRURA - CONTROL, CULTURAL**
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:26-27, 1947.
 i Krone et al., Mich. Ext. B. 4 rev.: 46, 1945.
 Mimmis & Zaumeyer, USDA FB 1996: 41, 1947.
- HYLEMYA CILICRURA - DUSTS**
 Turner, Conn. B. 501:95-96, 1946.
- HYLEMYA CILICRURA & BLACK-LEG OF POTATOES**
 Bean, J. Ec. Ent. 40:453, 1947.
- HYLEMYA CRUCIFERA Huck.**
 Arnason, Can. Ins. Pest Rev. 25:31, 1947.
 Arnason et al., Can. Ins. Pest Rev. 24: 87, 1946.
- HYLEMYA FLORALIS (Fall.) (TURNIP MAGGOT)***
 Bird & Mitchener, Can. Ins. Pest Rev. 24:69, 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46:64; f. 1946/47:81.
 Oldroyd, Alaska R. 10:53-55, 1947.
- HYLEMYA LUPINI (Coq.)**
 Decker & Bond, Fla. R. f. 1945/46:88, 138-139.
- HYLEPHILA PHYLEUS (Drury) (FIERY SKIPPER)**
 i Bohart, Hilgardia 17:296-297, 1947.
- HYLOCURUS BIORBIS (Blackm.)**
 Beal & Massey, Duke Univ. School For. B. 10:97-98, 1945.
- HYLOCURUS RUDIS (Lec.)**
 i Beal & Massey, Duke Univ. School For. B. 10:96-97, 1945.
- HYLOCURUS SPADIX Blackm.**
 Beal & Massey, Duke Univ. School For. B. 10:97, 1945.
- HYLOTROPUS BAJULUS (L.) (OLD HOUSE BORER)***
 i Knull, Ohio Biol. Surv. B. 39:206, 1946.
- HYLURGOPINUS RUFIPES (Eichh.) (NATIVE ELM BARK BEETLE)***
 i Beal & Massey, Duke Univ. School For. B. 10:90-92, 1945.
 Becker, Mass. B. 428:40-42, 1945; 436:42-43, 1946; 441:40, 1947.
 i Boyd, N. J. Dept. Agr. C. 355:118-119, 1945.
 Gardiner, Can. Min. Agr. R. f. 1945/46:39.
 Wallace, Conn. B. 488:359, 1945.
- HYLURGOPINUS RUFIPES - CONTROL - LOG TREATMENT**
 bi Connola et al., N. Y. (C.) B. 841, 43 p., 1947.
- HYLURGOPINUS RUFIPES - DEVELOPMENT**
 b Adrien Robert, Frère, Quebec Soc. Protect. Plants R. 30:182-188, 1947.
- HYLURGOPINUS RUFIPES - LARVAE - ALIMENTARY CANAL**
 bi Fortin, Quebec Soc. Protect. Plants R. 30:192-200, 1947.
- HYLURGOPINUS RUFIPES - LOGS - EFFECT OF PHLOEM CONDITION**
 b Martin, J. Ec. Ent. 39:481-486, 1946.
- HYLURGOPINUS RUFIPES - POPULATIONS**
 Adrien Robert (Brother), Assoc. Can.-Franc. Avanc. Sci. Ann. 13:93, 1947. (Abs.)
- HYLURGOPINUS RUFIPES & DUTCH ELM DISEASE**
 Daviault, For. Québécoise 9:280, 1945.
 Daviault, Quebec Min. Lands & For. R. f. 1944/45:115, 1946.
 Drake et al., Iowa Dept. Agr. YB 47: 111, 1947.
 Hagmann, Cornell Univ. Abs. Theses f. 1945:133-135, 1946.
 Jones, Pest Control & Sanit. 2(3):17, 1947.
 Knutson, R. I. Dept. Agr. & Conserv. R. 12:39, 1947.
 McCallum, For. Chron. 2:206-208, 1946.
 Parker et al., N. Y. (C.) M. 276:9,29-30,36, 1947.
 Pomerleau, For. Québécoise 9:282, 1945.
 i Pomerleau, Quebec Min. Terres & For. R. Gén. Trav. Effectués sur la Mal. Hollandaise de l'Orme dans Prov. Quebec 1945:13,15-16; 1946: 2,12,18,21-23,25-28.
 bi Pomerleau, Can. J. Res. Sect. C 25: 102-104, 1947.
 Zappe, Conn. B. 488:323, 1945.
 Zentmyer et al., Conn. B. 498:9, 1946.
- HYLURGOPINUS RUFIPES & HUMIDITY**
 Becker, Mass. B. 428:43, 1945.
 b Martin, J. Ec. Ent. 39:481-486, 1946.
- HYLURGOPINUS RUFIPES & TEMPERATURE**
 Becker, Mass. B. 428:42, 1945; 436: 43, 1946.
- HYLURGOPS PINIFEX (Fitch)**
 Beal & Massey, Duke Univ. School For. B. 10:92-93, 1945.
- HYMENARCYS AEQUALIS (Say)**
 Esselbaugh, Bklyn. Ent. Soc. B. 42: 25-30, 1947.
- HYMENARCYS AEQUALIS - EGGS**
 i Esselbaugh, Ent. Soc. Amer. Ann. 39:676, 1946.
- HYMENIA FASCIALIS (Cram.), see HYMENIA RECURVALIS F.**
- HYMENIA PERSPECTALIS (Hbn.) (SPOTTED BEET WEBWORM)***
 Stearns, Del. B. 263:27, 1947.
- HYMENIA RECURVALIS (F.) (HAWAIIAN BEET WEBWORM)***
 Plank, P. R. (Mayaguez) R. f. 1944:27, 1945.
- HYMENIA RECURVALIS - DUSTS**
 Anderson & Brooks, Va. Ext. Veg. Grow. News 1(6):2-3, 1946.
 Bianchi, Hawaiian Ent. Soc. P. 13:6, 1947.
 Brooks & Anderson, J. Ec. Ent. 40: 220-222, 228, 1947.
 Gertler, USDA EPQ E-705:6-7, 1946; E-732:4, 1947.
 Holdaway et al., Hawaii R. f. 1942/44:66, 1945.

HYMENIA RECURVALIS - INSECTICIDES

- Bottger & Levin, USDA EPQ E-729, 23 p., 1947; E-738:1,3,6,8, 1947.
Mayer & Gahan, USDA EPQ E-646:4-9, 1946.
b Mayer et al., USDA EPQ E-709:2-16, 1946.
Swingle et al., USDA EPQ E-634, 23 p., 1945.

HYMENOPTERA

- Murrill, Guide to Fla. Anim.:71-77, 1945.

HYMENOPTERA - DERIVATION OF NAME

- Nabours, Ent. Soc. Amer. Ann. 38:457, 1945.

HYMENOPTERA - INSECTICIDES

- McIndoo, USDA EPQ E-713:119-123, 1947.

- Roark, USDA EPQ E-656:21-22, 1945.

HYMENOPTERA - INSECTICIDES - DDT

- Roark & McIndoo, USDA EPQ 687:58-61, 1946, 728:124-149, 1947.

HYMENOPTERA - LITERATURE - POETRY

- Twinn, Pests 15(7):28,30,32; (11):14, 16,18, 1947.

HYMENOPTERA - POLYMORPHISM

- b Flanders, Quart. Rev. Biol. 21:140-142, 1946.

- b Flanders, Science 103:555-556, 1946.

HYMENOPTERA - PREDATORS

- Moul, Ent. News 56:58, 1945.

HYMENOPTERA - SEX

- Flanders, Amer. Nat. 79:122-141, 1945.

- Flanders, Cal. Citrog. 30:267-268,275, 1945.

- Flanders, Pan-Pac. Ent. 22:35-36, 1946. (Abs.)

- b Flanders, Quart. Rev. Biol. 21:135-143, 1946.

HYMENOPTERA - STINGS

- Cameron, Parasites of Man ed. 2:166-167, 1946.

HYMENOPTERA - STRATIFICATION IN FORESTS

- Dowdy, Ecology 28:432-433,437-438, 1947.

HYMENOPTERA - THERAPEUTIC USE

- b Weiss, N. Y. Ent. Soc. J. 55:162-165, 1947.

HYMENOPTERA - THERAPEUTIC USE, see also APIS MELLIFERA - VENOM - THERAPEUTIC USE

HYPANARTIA PAULLUS (F.)

- i Martorell, P. R. Univ. J. Agr. 29: 485-486,488, 1945.

HYPERA BRUNNEIPENNIS (Boh.) (LEGUME WEEVIL)

- Lyle, J. Ec. Ent. 40:3, 1947.

- McDuffie, Cal. Dept. Agr. Sp. Pub. 209:27-28, 1945.

HYPERA MELES (F.)

- Schwardt et al., J. Ec. Ent. 40:364-365, 1947.

- Stirrett, Can. Ins. Pest Rev. 25:17, 1947.

- Thompson, Can. Ins. Pest Rev. 24:39, 1946.

HYPERA MELES - BEANS

- Thompson & Goble, Ent. Soc. Ont. R. 76:31-32, 1946.

HYPERA NIGRIROSTRIS (F.) (LESSER CLOVER LEAF WEEVIL)* (CLOVER BUD WEEVIL)

- Annand, USDA R. f. 1944/45:30.

- Armitage et al., Cal. Dept. Agr. B. 34:175, 1946.

- Davis, Ind. Acad. Sci. P. 56:149, 1947?

- Kelfer, Cal. Dept. Agr. B. 34:188, 1946.

- Rice et al., Del. B. 259:23, 1945.

- Stirrett, Can. Ins. Pest Rev. 25:17, 1947.

- Underhill & Bodenstein, Va. TB 97:11, 1946.

HYPERA NIGRIROSTRIS - BEANS

- Thompson & Goble, Ent. Soc. R. 76: 32, 1946.

HYPERA NIGRIROSTRIS - GENITALIA - MALE

- i Bruhn, Great Basin Nat. 8:17, 1947.

HYPERA POSTICA (Gyll.) (ALFALFA WEEVIL)*

- Hitchcock, Mont. Ext. Ser. A-63, 4 p., 1947.

- Kelfer, Cal. Dept. Agr. B. 33:253, 1945.

- Mills et al., Mont. B. 425:21-22, 1945, 442:12-13, 1947.

- Packard, Hoard's Dairym. 90:656, 1945.

- Snipes et al., Rocky Mountain Conf. Ent. R. 18:9-10, 1947.

HYPERA POSTICA - GENITALIA - MALE

- i Bruhn, Great Basin Nat. 8:18, 1947.

HYPERA POSTICA - INSECTICIDES

- Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:24.

HYPERA POSTICA - INSECTICIDES - DDT

- Annand, USDA EPQ R. f. 1946/47:8.

- Hare et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:83-84, 1947.

- Lieberman & Hare, USDA EPQ E-671: 4, 1946.

HYPERA POSTICA - QUARANTINE

- Schweis, Cal. Dept. Agr. Sp. Pub. 209: 9, 1945.

HYPERA POSTICA - SURVEYS

- Yapp, Kans. Ent. Comn. Bien. R. 20: 5, 1946.

HYPERA PUNCTATA (F.) (CLOVER LEAF WEEVIL)*

- Dean et al., Kans. Ent. Soc. J. 18:94, 1945.

- Lincoln & Miner, Ark. Ext. C. 437:19, 1945.

- Smith & Michelbacher, Pan-Pac. Ent. 21:118, 1945.

- Smith et al., Kans. Ent. Soc. J. 19:46, 1946; 20:50,58, 1947.

- Underhill & Bodenstein, Va. TB 97:10, 1946.

HYPERA PUNCTATA - INSECTICIDES

- Thompson, Oreg. C. Inform. 357, 2 p., 1945.

HYPERA PUNCTATA - INSECTICIDES - DDT

- Gunderson, J. Ec. Ent. 40:751, 1947.

- HYPERA PUNCTATA - INSECTICIDES -
DDT--Continued.
Potts et al., J. Ec. Ent. 38:497, 1945.
- HYPERA PUNCTATA - GENITALIA -
MALE
i Bruhn, Great Basin Nat. 8:18, 1947.
- HYPERASPIDUS FLAVOCEPHALUS
Blatch.
Marshall, Can. Ent. 77:177-178, 1945.
- HYPERASPIS sp.
Lejeune, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:49, 1946.
- HYPERASPIS APICALIS Weise
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:551, 1946.
- HYPERASPIS FASTODOPSA Casey 269,
H. FIMBRIOLATA Melsh. 264
Fautin, Ecol. Monog. 16: 1946.
- HYPERASPIS LATERALIS FLAMMULA
Nunenm.
Pletsch, Mont. B. 446:79, 1947.
- HYPERASPIS LATERALIS MONTANICA
Casey
Fautin, Ecol. Monog. 16:274, 1946.
- HYPERASPIS SIGNATA (Oliv.)
Baerg, Ark. B. 470:13, 1947.
- HYPERMALLUS VILLOSUM (F.), see
ELAPHIDION VILLOSUM (F.)
- HYPERPLATYS ASPERSA (Say), H.
MACULATA Hald.
i Knoll, Ohio Biol. Surv. B. 39:255,
1946.
- HYPERTELES LIVIDUS (Ashm.)
Lamiman & Smith, Cal. Ext. C. 103
rev.:69, 1947.
- HYPHANTRIA sp.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:56, 1945.
- HYPHANTRIA CUNEA (Drury) (FALL
WEBWORM)*
i Baerg & Lincoln, Ark. Ext. C. 448:
5-6, 1947.
Beckwith, N. J. Dept. Agr. C. 356:47,
1945.
Beckwith, USDA FB 1951 rev.:36,
1946.
Bissell & Firor, Ga. Ext. B. 501 rev..
20-21, 1947.
i Boyd, N. J. Dept. Agr. C. 355:39-40,
1945.
Conklin, N. H. B. 367:33, 1946.
i Curran, Nat. Hist. 54:332, 1945.
Farrar, Arbor. News 11:42, 1946.
Knutson, R. I. Dept. Agr. & Conserv.
R. 12:37, 1947.
i Lathrop, Maine Ext. B. 274 rev.:14-
15,18, 1945.
McDaniel, Flor. Rev. 98(2534):34,
1946.
McDaniel, Gladiolus 22:45-46, 1947.
i Phillips & Cole, Fla. B. 411 rev.:18-
21, 1947.
Smith et al., Kans. Ent. Soc. J. 20:51-
52,58, 1947.
Wadley, USDA Leaf 161 rev.:3, 1947.
i Westcott, Home Gard. 5(3):53-54,
1945.
- HYPHANTRIA CUNEA - CANADA
Lambert, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:19, 1945.
- HYPHANTRIA CUNEA - CANADA--
Continued.
Neary, N. S. Fruit Grow. Assoc. R.
82:35, 1945; 83:23, 1946; 84:114,
1947.
Ward, B. C. Dept. Agr. R. 41:W109,
1947.
- HYPHANTRIA CUNEA - INSECTICIDES
Bromley, J. Ec. Ent. 40:238-239,
1947.
Houser, Amer. Fruit Grow. 67(6):17,
1946.
Leaver, R. I. Dept. Agr. & Conserv.
R. 11:32, 1946.
b Mayer et al., USDA EPQ E-709 2-
16, 1946.
Phillips, Fla. R. f. 1946/47:71.
- HYPHANTRIA CUNEA - INSECTICIDES -
DDT
Craighead & Brown, USDA EPQ E-
649:6, 1945.
- HYPHANTRIA CUNEA - PARASITES
Coppel, Ent. Soc. Ont. R. 77:39, 1947.
- HYPHANTRIA TEXTOR Harr. (SPOT-
LESS FALL WEBWORM)
Atwood, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:33, 1945.
Bird & Mitchener, Can. Ins. Pest Rev.
24:71, 1946.
Bradley & McDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946
45, 1947.
Davault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:25, 1947.
Davault & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
24, 1946.
Hawboldt, N. S. Dept. Lands & For.
R. f. 1945/46:39, 1947.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1946:81, 1947.
McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
59, 1947.
Mathers, Can. Ins. Pest Rev. 24:122,
1946.
Patterson & Neary, Can. Ins. Pest
Rev. 24:15, 1946.
Peterson, Can. Ins. Pest Rev. 24:111,
1946.
Richmond et al., Can. Ins. Pest Rev.
25:46, 1947.
Richmond & McGuffin, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1944:48, 1945.
Severin, S. Dak. R. 60:17, 1947.
Watson, Can. Ins. Pest Rev. 24:65,
1946.
Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
29, 1946.
Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
38, 1947.
Wressell, Can. Ins. Pest Rev. 24:58,
1946.
- HYPOASPIS sp.
Knowlton, J. Ec. Ent. 40:755, 1947.
- HYPOCRYPHALUS MAGNIFERA (Stebb)
Wolfenbarger, Fla. Mango Forum P.
7:18-19, 1947.

HYPODERMA Latr.

- Anderson, Neb. Dept. Agr. & Insp.
Blen. R. f. 1945/47.24-25.
Anderson, Ida. Ext. B. 159:11-12, 1947.
(Repr.)
Connelly, Va. Ext. B. 113 rev..23,
1946.
Dean et al., Kans. Ent. Soc. J. 18:92,
1945.
Hutyrá et al., Sp. Path. & Ther. of the
Dis. of Dom. Anim. Eng. ed. 5,v.3.
715-723, 1946.
Jardine et al., USDA OES R. f.
1944/45:55-56, 1946.
Mills et al., Mont. B. 425:24, 1945.
Smith et al., Kans. Ent. Soc. J. 18:46,
1946; 20:50,58, 1947.
Tate & Whelan, Neb. R. 58:62, 1945.
HYPODERMA - CANADA
Beveridge, Saskatch. Dept. Agr. R. 41
94, 1946, 42 103, 1947.
Bishop, Prince Edward Isl. Dept. Agr.
Ann. R. f. 1944/45 43.
Duncan, Quebec Min. Agr. R. f.
1945/46:27-28, 1947.
Gardiner, Can. Min. Agr. R. f.
1945/46:17,67,81. f. 1946/47:98.
Munro et al., B. C. Dept. Agr. R. 41
W29,W109-W110,W118,W154,W171,
W175-W176, 1947.
Putnam, Alberta Dept. Agr. R. f. 1945
81, 1946.
Ward et al., B. C. Dept. Agr. R. 40
V80,V115-V116,V119,V125,V132,
V136-V137,V146,V157,V160-V161,
1946.
i Whitehead, MacDonald Col. J. 7(6)
10, 1947.
Wilson, Alberta Dept. Agr. R. f. 1944
24, 1945, f. 1945.21, 1946; f. 1946
23, 1947.
Ont. Dept. Agr., Ont. Agr. Rev. 2(7) 1,
1946.
HYPODERMA - CONTROL
Anderson, Skagit Co-op Dairym. 22(7)
20, 1945.
Annand, New Internatl. YB 1944.295,
1945.
Boyts, Natl. Livestock Loss Prev. Bd.
Livestock Sanit. Com. R. f. 1945:10-
11, 1946.
Cuff et al., Amer. Assoc. Ec. Ent.
Cotton Sts. Branch P. 19:60-67, 1945.
Davis, Ind. Ext. B. 105 rev.:7, 1945.
Kelly, Kans. Ext. Livestock Ins. Con-
trol in Kans.:4-9,21, 1946?
i Knowlton & Sorenson, Utah Ext. N.S.
C. 142.4 p., 1946.
i Lincoln, Ark. Ext. Leaf. 70,6 p.,
1946?
Menusan, Dairym. Price Rptr. 28(8):3,
1946.
i Parks, Ohio Ext. B. 229 rev.,8 p.,
1946.
i Peters & Deyoe, Raising Livestock:
275-278, 1946.
Rowell, East. Breed. 7(9):42-43, 1946.
Schwartz et al., U. S. Livestock Sanit.
Assoc. P. 50:96, 1947.
Searls, Hoard's Dairym. 90:769, 1945.
Searls, Milk Prod. 10(12):6, 1946.

HYPODERMA - CONTROL--Continued.

- i Shull, Krafts Prod. Ed. 3(2):14-15,
1945.
i Smith, Shoe & Leather Rptr. 241(2):
15-16, 1946.
Tate, Neb. St. Bd. Agr. R. f. 1945.486-
489.
Weaver et al., S. Dak. Ext. Leaf. 102:
3-4, 1946. (Repr.)
Wright, Can. Meat Packers Let. Can.
Livestock Prod. No. 2.1, 1946.
i Natl. Livestock Loss Prev. Bd.,
Cattle Grubs Must Go, 23 p., 1945.
USDA AWI-109, 4 p., 1945.
HYPODERMA - DAMAGE TO LEATHER
Lawrence-Lord, Hide & Leather &
Shoes 114(13):14,18; (19):15,32;
(21):14-15, 1947.
HYPODERMA - DUSTS
Fisher, Control of Some Ins. Affecting
Farm Dairying, Wis. Ext. Sp. C.:3,
Jan.1946.
Gunderson, Amer. Assoc. Econ. Ent.
N. Cent. Sts. Branch P. 25:49, 1946.
Lyle, Miss. Farm Res. 8(9) 7, 1945.
Lyle, Shorthorn World 29(19) 20, 1945.
Trullinger et al., USDA OES R. f.
1945/46 112-113, 1947.
HYPODERMA - ERADICATION
Lyle, J. Ec. Ent. 40 4,6, 1947.
i Smith, Amer. Cattle Prod. 28(1) 11-
13, 1946.
U. S. Cong. (80th Sess. 1) Senate Com.
Agr. & For. Erad. Cattle Grubs,
Hearings on S. 1249, June 12 & 13,
36 p., 1947.
**HYPODERMA - HOSTS - HYPERSENSI-
TIVITY**
Tableman, Vet. Med. 40.418, 1945.
HYPODERMA - INSECTICIDES
Annand, USDA EPQ R. f. 1943/44:22,
f. 1944/45 19.
Gentry, Vet. Med. 42:184-186, 1947.
Jones, Tex. Livestock J. 6(3):15, 1947.
Sandhouse, Cal. Dairym. 26(3):10-11,
1946.
Schwartz, USDA YB f. 1943/47.72-73.
Schwartz, U. S. Livestock Sanit.
Assoc. P. 49:73-75, 1946.
i Shull et al., Ida. Ext. B. 155:1-10,
1945.
i Smith, Aberdeen-Angus J. 28(2):72-
73, 1946.
i Smith, Colo. Ext. B. 389-A:31-33,
1946.
Smith et al., Amer. Assoc. Ec. Ent.
N. Cent. Sts. Branch P. 2:40-42,
1947.
Swanson, U. S. Livestock Sanit. Assoc.
P. 50:94-95, 1947.
HYPODERMA - INSECTICIDES - DDT
Gentry, Iowa Vet. 18(3):13-15, 1947.
HYPODERMA - LOSSES CAUSED BY
Bell & Dean, Kans. Blen. R. 13:47,
1946.
Parks, Ohio Ext. B. 229 rev.:4, 1946.
Putnam, Alberta Dept. Agr. R. f.
1946:86.
Sandhouse, Cal. Dairym. 26(3):10,
1946.
Tate, Neb. St. Bd. Agr. R. f. 1945:
486-487.

HYPODERMA - LOSSES CAUSED BY--
Continued.

Wright, Can. Meat Packers Let. Can. Livestock Prod. No. 2:1, 1946.
Natl. Livestock Loss Prev. Bd., Cattle Grubs Must Go:7-10, 1945.

HYPODERMA - SPRAYS

Fenton & Brett, Okla. Mimeo. C. 156: 3, 1946.
Howell et al., Rocky Mountain Conf. Ent. R. 18:4-5, 1947.
Kennedy et al., Ont. Dept. Agr. R. f. 1945/46:54,120-121, f. 1946/47:73-74,107.
Painter, Can. Cattle. 7:164-165, 1945.
Shull, Ida. Col. Agr. News Let. 31(1): 1-2, 1946.
Simms, USDA BAI R. f. 1946/47:53.
Thompson, Ont. Dept. Agr. R. f. 1945/46:120-121.
Wermelskirchen, in Davis et al., Livestock Enterprises rev.:137, 1946.

HYPODERMA - SPRAYS - DDT

Albaugh, West. Dairy J. 3(27):76, 1947.
Brett & Fenton, South. Dairy Prod. J. 40(1):62-63, 1946.
Kingscote, Ont. Dept. Agr. Ont. Vet. Col. R. f. 1946/47:36.

HYPODERMA - WASHES

Landon, B. C. Dept. Agr. R. 39.S141, 1944.
Miller, USDA BAI R. f. 1944/45:33-34.
Simms, USDA BAI R. f. 1945/46:45.

HYPODERMA BOVIS (Deg.) (NORTHERN CATTLE GRUB)*

Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.
Gregson et al., Can. Ins. Pest Rev. 25: 116-117, 1947.
Knapp & Lewis, For Sale, Want & Exch. B. 4(12):1,4, 1945.
Lofgren, S. Dak. R. 60:19, 1947.
MacEwan, Sci. & Pract. Can. Anim. Husb. rev.:255-256, 1945.
Manson et al., Can. Ins. Pest Rev. 24: 102, 1946.
bi Mills et al., Mont. B. 437,16 p., 1946; 442:17, 1947.

i Sorenson, Utah Agr. Expt. Sta. Farm & Home Sci. 6(4):11-12, 1945.

HYPODERMA BOVIS - CALIFORNIA

Douglas & Furman, J. Parasit. 33:282, 1947.

HYPODERMA BOVIS - INSECTICIDES

Gunderson, J. Ec. Ent. 38:398-399, 1945.
Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):67-68, 1947.
Matthysse, J. Ec. Ent. 38:442-446, 1945.

Schwartz, Amer. Vet. Med. Assoc. J. 106:332-333, 1945.

Telford, J. Ec. Ent. 40:928-930, 1947.

Titensor, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:66, 1947.

HYPODERMA BOVIS - OREGON

Lindquist & Roth, J. Ec. Ent. 40:930-931, 1947.

HYPODERMA BOVIS & MYIASIS

James, USDA Misc. Pub. 631:110-111, 1947.

HYPODERMA BOVIS & TEMPERATURE

Hill, Wyo. R. 54:24, 1946?

HYPODERMA DIANA Brauer & MYIASIS

i James, USDA Misc. Pub. 631:109-110, 1947.

HYPODERMA LINEATUM (De Vill.) (COMMON CATTLE GRUB)* (HEEL FLY)

Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.

Bruce, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:17, 1945.

Gregson et al., Can. Ins. Pest Rev. 25:116-117, 1947.

Gunderson, J. Ec. Ent. 38:398-399, 1945.

i Hixson, Okla. Ext. C. 387 rev. 4-10, 1946.

Knapp & Lewis, For Sale, Want & Exch. B. 4(12):1,4, 1945.

Lofgren, S. Dak. R. 60:19, 1947.

MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:255-256, 1945.

Manson et al., Can. Ins. Pest Rev. 24: 102, 1946.

bi Mills et al., Mont. B. 437,16 p., 1946; 442:17, 1947.

Munro, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:40, 1947.

Swanson, Fla. R. f. 1945/46:56.

HYPODERMA LINEATUM - CATS

Lager, Middlesex Vet. 5:62, 1946.

HYPODERMA LINEATUM - HEIFERS - AESOPHAGUS

Pigman, Vet. Med. 41:175, 1946.

HYPODERMA LINEATUM - INSECTICIDES

Annand, USDA EPQ R. f. 1946/47:20.

Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):67-68, 1947.

Matthysse, J. Ec. Ent. 38:442-446, 1945.

Schwartz, Amer. Vet. Med. Assoc. J. 106:332-333, 1945.

Swanson, Fla. R. f. 1946/47:60-61.

Telford, J. Ec. Ent. 40:928-930, 1947.

Titensor, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:66, 1947.

HYPODERMA LINEATUM - OREGON

Lindquist & Roth, J. Ec. Ent. 40:930-931, 1947.

HYPODERMA LINEATUM & HUMIDITY

Pfadt, Colo.-Wyo. Acad. Sci. J. 3(3/4): 47, 1946. (Abs.)

b Pfadt, J. Ec. Ent. 40:293-300, 1947.

HYPODERMA LINEATUM & MYIASIS

i James, USDA Misc. Pub. 631:111-112, 1947.

HYPODERMA LINEATUM & TEMPERATURE

Hill, Wyo. R. 54:24, 1946? 55:25, 1946?

Pfadt, Colo.-Wyo. Acad. Sci. J. 3(3/4): 47, 1946. (Abs.)

b Pfadt, J. Ec. Ent. 40:293-300, 1947.

- HYPODERMATIDAE & MYIASIS**
 bik James, USDA Misc. Pub. 631:105-112, 1947.
- HYPOGASTRURA** Bour., see **ACHORUTES** Templ.
- HYPOGASTRURIDAE**, see **ACHORUTIDAE**
- HYPOLITHUS NOCTURNUS** (Esch.)
 Arnason et al., Can. Ins. Pest Rev. 24: 82, 1946.
- HYPOMOLYX PICEUS** Deg. (BIG SPRUCE WEEVIL)
 Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 24, 1947.
 Daviault, Can. Ins. Pest Rev. 25:58, 1947.
 Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 23-24, 1946.
- HYPONOMEUTA TRIANGULARIS** Möschl.
 Martorell, P. R. Univ. J. Agr. 29:540-541, 1945.
- HYPOTEROMALUS TABACUM** (Fitch)
 Madden & Chamberlin, USDA TB 896 47, 1945.
- HYPOSOTER** sp.
 Jaynes & Marucci, J. Ec. Ent. 40 11, 1947.
- HYPOSOTER DISPARIS** (Vier.), see **PHOBOCAMPE DISPARIS** (Vier.)
- HYPOSOTER EXIGUAE** (Vier.)
 Fullaway, Hawaiian Ent. Soc. P. 13 2-4, 1947.
 Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12:466, 1946.
 Van Zwaluwenburg, Hawaiian Planters' Rec. 50:14-16, 1946.
 Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45:18, 1946.
- HYPOSOTER EXIGUAE** - PARASITES
 Swezey, Hawaiian Ent. Soc. P. 13 11, 1947.
- HYPOTHENEMUS ATOMUS** Hopk.
 Beal & Massey, Duke Univ. School For. B. 10:118, 1945.
- HYPOTHENEMUS ERUDITUS** Westw.
 Martorell, P. R. Univ. J. Agr. 29:469, 1945.
- HYPOTHENEMUS HISPIDULUS** (Lec.) (APPLE TWIG BEETLE)*
 Beal & Massey, Duke Univ. School For. B. 10:118-119, 1945.
- HYPOTHENEMUS PARVUS** Hopk.
 Martorell, P. R. Univ. J. Agr. 29:469, 1945.
- HYPOTHENEMUS PRUNI** Hopk. 119, H. ROBINA Hopk. 118, H. RUMSEYI Hopk. 117-118
 Beal & Massey, Duke Univ. School For. B. 10: 1945.
- HYPSICERA FEMORALIS** (Fourc.)
 Townes, Hawaiian Ent. Soc. P. 13:106, 1947.
- HYPSIPYLA GRANDELLA** (Zell.) (CEDAR SHOOT BORER)
 Martorell, P. R. Univ. J. Agr. 29:537-538, 1945.
- HYSSOPUS SANNINOIDEAE** (Gir.)
 Wallace, Conn. B. 488:389, 1945.
- HYSTERONEURA SETARIAE** (Thos.) (RUSTY PLUM APHID)
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Cañada de Azúcar (Havana), Cañada de Azúcar en Cuba:551, 1946.
- HYSTERONEURA SETARIAE & MOSAIC OF SUGAR CANE**
 Ingram et al., Sugar J. 9(11):23, 1947.
 Jensen, Hawaiian Ent. Soc. P. 12:563, 1946.
- HYSTEROPTERUM CORNUTUM** Melich.
 Fautin, Ecol. Monog. 16:269,273, 1946.
- HYSTEROPTERUM SEPULCHRALIS** Ball
 Romney, J. Ec. Ent. 39 671, 1946.
- HYSTRICHOPSYLLA TALPAE** (Curt.) - MOUTH PARTS
 i Dampf, Soc. Mex. Hist. Nat. Rev. 6: 48-49,54-55, 1945.
- HYSTRICHOPSYLLIDAE** - INSECTICIDES
 b Roark, USDA EPQ E-654.3, 1945.
- ICERYA MONTSERRATENSIS** Riley & How.
 i Martorell, P. R. Univ. J. Agr. 29 384-385, 1945.
- ICERYA MOTH**, see **HOLCOCERA ICERYAEELLA** (Riley)
- ICERYA PURCHASI** Mask. (COTTONY-CUSHION SCALE)*
 Berger, Fla. Grow. 54(1) 14-15, 1946.
 Flock, Ariz. St. Ent. R. f. 1944 18,20, 1945.
 i Martorell, P. R. Univ. J. Agr. 29 384-385, 1945.
- ICERYA PURCHASI** - INSECTICIDES - DDT
 DeBach, J. Ec. Ent. 39:696-697, 1946.
 DeBach, Cit. Leaves 27(8):11,32, 1947.
 Lewis, Cal. Citrog. 32:33, 1946.
 Moore, Cal. Citrog. 32:40, 1946.
 Moore, Cit. Leaves 26(11):10, 1946.
- ICERYA PURCHASI** - PREDATORS
 DeBach, J. Ec. Ent. 39:696-697,821, 1946.
 Smith, Cal. Citrog. 31 414, 1946.
- ICERYA PURCHASI** - SPERMATOGENESIS
 i Hughes-Schrader, J. Morph. 78(1) 44-83, 1946.
- ICERYINI** - SPERMATOGENESIS
 bi Hughes-Schrader, J. Morph. 78(1) 43-83, 1946.
- ICHNEUMON** sp.
 Peck & Bolton, Sci. Agr. 26:410-412, 1946.
- ICHNEUMON IRRITATOR** F.
 Wallace, Conn. B. 488:389, 1945.
- ICHNEUMONIDAE**
 i Smith, Nature Mag. 39:15, 1946.
 Townes, Amer. Ent. Soc. M. 11, Pt. 2: 479-925, 1945.
- ICHNEUMONOIDEA** - ALBERTA
 Strickland, Can. Ent. 78:36-46, 1946.
- ICHORONYSSUS DENTIPES** Strandtm. & Eads
 bni Strandtmann & Eads, J. Parasit. 33:51-56, 1947.
- ICHTHYURA INCLUSA** Hbn. (POPLAR TENT MAKER)*
 i Boyd, N. J. Dept. Agr. C. 355:41-42, 1945.

- IDECHTHIS CANESCENS (Grav.) -
CHEMORECEPTORS - OVIPOSITOR
bi Dethier, J. Expt. Zool. 106:199-207,
1947.
- IDIOBATES CASTANEUS (Knoch) -
DEATH-FEINTS
Weiss, N. Y. Ent. Soc. J. 55:275-276,
1947.
- IDIOCERUS Lewis
n Ball & Parker, Kans. Ent. Soc. J. 19:
73-82, 1946.
ni DeLong & Hershberger, Ohio J. Sci.
47:45-48, 1947.
- IDIODONUS Ball - MEXICO
nik DeLong, Ohio J. Sci. 46:13-30,
1946.
- IDIODONUS GEMINATUS (Van D.), see
COLLADONUS GEMINATUS (Van D.)
- IDIODONUS HEIDEMANNI (Ball) -
FEEDING - EFFECT ON PLANTS
i Severin, Hilgardia 17:221,226, 1947.
- IDIODONUS HEIDEMANNI & CALIFOR-
NIA ASTER YELLOWS
i Severin, Hilgardia 17:221, 1947.
- IDIODONUS KIRKALDYI (Ball), see COL-
LADONUS KIRKALDYI (Ball)
- IDIOPIDONIA PEDALIS (Lec.)
i Knoll, Ohio Biol. Surv. B. 39:153,
1946.
- IDONA MINUENDA (Ball)
Martorell, P. R. Univ. J. Agr. 29:372,
1945.
- IDONA SEXMACULATA (DeLong)
Martorell, P. R. Univ. J. Agr. 29:372,
1945.
- ILBURNIA IPOMOEICOLA (Kirk), see
NESOSYDNE IPOMOEICOLA Kirk.
- ILLINOIA PISI (Klth.), see MACRO-
SIPHUM PISI (Klth.)
- *IMBRICATED SNOUT BEETLE, see
EPICAERUS IMBRICATUS (Say)
- *IMPERIAL MOTH, see EACLES IM-
PERIALIS (Drury)
- IMPETIGO see SIMULIIDAE & IMPETIGO
- *IMPORTED CABBAGEWORM, see
PIERIS RAPAE (L.)
- *IMPORTED CURRANTWORM, see
NEMATUS RIBESII (Scop.)
- *IMPORTED FIRE ANT, see SOLENO-
PHUS SAEVISSIMA RICHTERI Forel
- *IMPORTED WILLOW LEAF BEETLE,
see PLAGIODERA VERSICOLORA
(Lalch.)
- INAREOLATA OBLITERATA (Cress.),
see HOROGES OBLITERATUS
(Cress.)
- INAREOLATA PUNCTORIA (Roman), see
HOROGES PUNCTORIUS (Roman)
- INCINERATOR BEETLE, see DERMES-
TES ATER Deg.
- INCURVARIA ACERIFOLIELLA Fitch,
see PARACLEMENSIA ACERI-
FOLIELLA (Fitch)
- *INDIAN-MEAL MOTH, see PLODIA
INTERPUNCTELLA (Hbn.)
- INDIGO INSECTS
b Frost, N. Y. Ent. Soc. J. 53:219-225,
1945; 54:16, 1946.
- INDIGOBUSH INSECTS, see AMORPHA
FRUTICOSA INSECTS
- INFRA-RED RADIATION - EFFECT ON
INSECTICIDES
b Daasch, Anal. Chem. 19:779-785,
1947.
- bi Downing, Indus. & Engin. Chem.
Anal. Ed. 18:461-467, 1946.
- INFRA-RED RADIATION - EFFECT ON
INSECTS
i Balzer & Cotton, USDA FB 1906 rev.:
10-11, 1947.
- Kaufmann & Gay, Anat. Rec. 96:530-
531, 1946. (Abs.)
- Kaufmann & Gay, Natl. Acad. Sci. P.
33:366-372, 1947.
- bi Kaufmann et al., Genetics 31 349-
367, 1946.
- i Miles & Beck, Sci. News Let. 52.
339, 1947.
- b Swanson & Hollaender, Natl. Acad.
Sci. P. 32:295-302, 1946.
- INGLISIA VITREA Ckll.
Martorell, P. R. Univ. J. Agr. 29:397,
1945.
- INOSTEMMA HORNII Ashm.
Reeher, USDA C. 732:1,7, 1945.
- INSECT MANNA
b Meyerhof, Isis (Cambridge, Mass.)
37:32-36, 1947.
- INSECT PEST SURVEYS
Alden, Ga. Dept. Ent. B. 90:13-14,
1947.
- Annand, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:35-38, 1946.
- Annand, USDA EPQ R. f. 1943/44:55-
56, f. 1944/45:29-34; f. 1945/46:
29-32, f. 1946/47:31-36.
- Annand, J. Ec. Ent. 40:464-466, 1947.
- i Bruce, J. Ec. Ent. 38 327-329, 1945.
- b Cole & Koepke, U. S. Pub. Health
Rpts. Sup. 202,71 p., 1947.
- Cooke, Conn. B. 512:25-28, 1946.
- Davis, Ind. Acad. Sci. P. 56:147-153,
1947?
- Davis, Wash. St. Hort. Assoc. P. 43:
39-43, 1947.
- Essig, J. Ec. Ent. 38:4-5, 1945.
- Killefer, Sci. Amer. 176:157-159,
1947.
- Leonard, N. Y. Ent. Soc. J. 55:215-
217, 1947.
- Michener, Amer. Mid. Nat. 37:330,
1947.
- Mulhern, N. J. Mosq. Exterm. Assoc.
P. 33:168-182, 1946; 34:169-180,
1947.
- Muma et al., Amer. Assoc. Ec. Ent.
N. Cent. Sts. Branch P. 2:69, 1947.
- b Osborn & Phillips, J. Ec. Ent. 39:
755-759, 1946.
- i Parks, Ohio Bimo. B. Farm & Home
Res. 32:168-171, 1947.
- Perham et al., Wash. St. Hort. Assoc.
P. 42:293-294, 1946.
- Popham, Cal. Citrog. 32:46,58, 1946.
- Potter, N. J. Mosq. Exterm. Assoc.
P. 34:194-195, 1947.
- bi Russell et al., Pract. Malar.:394-
403, 1946.
- Severin, S. Dak. R. 60:18, 1947.

INSECT PEST SURVEYS--Continued.

- Sherman, S. C. R. 57:66, 1945; 58:65, 1946.
Wakeland, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:85-86, 1946.
i White, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 5), 8 p.; (1946, No. 5), 9 p.
Yapp, Kans. Ent. Comn. Bien. R. 20 6, 1946.
i USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944, 18 p., 1945; 1945:22 p., 1946.
INSECT PEST SURVEYS - AERIAL
Evenden & Jost, USDA EPQ et al., Rpt. of Tussock Moth Control No. Ida. 1947:10-16.
Yuill, Ent. Soc. Wash. P. 49 96, 1947. (Abs.)
INSECT PEST SURVEYS - ARIZONA
Barrett, Ariz. St. Ent. R. f. 1944:7-9, 1945.
Flock, Ariz. St. Ent. R. f. 1944:13-22, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:15-28.
INSECT PEST SURVEYS - CALIFORNIA
Armitage, J. Ec. Ent. 40:865-866, 1947.
Armitage et al., Cal. Dept. Agr. B. 33: 229-239, 243-253, 1945. 35:193-198, 1946.
Lockwood, Cal. Dept. Agr. B. 35 199-203, 1947.
Steinweden, Cal. Dept. Agr. B. 33:243-248, 1945. 34 179-185, 1946.
Woodhams, Cal. Citrog. 31:155, 1946.
INSECT PEST SURVEYS - CALIFORNIA (LOS ANGELES CO.)
Ryan, Cal. Dept. Agr. B. 35 124-125, 1946.
INSECT PEST SURVEYS - CALIFORNIA (SAN BERNARDINO CO.)
Woodhams, Cal. Dept. Agr. B. 35:141-142, 1946.
INSECT PEST SURVEYS - CANADA
Davault et al., Quebec Min. Lands & For. R. f. 1943/44:92-98, 1945, f. 1944/45:113-122, 1946, f. 1945/46: 110-123, 1947.
Gardiner, Can. Min. Agr. R. f. 1944/45:67-68; f. 1945/46:82, f. 1946/47:87-88, 89.
Lambert, Quebec Min. Lands & For. R. f. 1943/44:92-93, 1945, f. 1944/45:116, 1946; f. 1945/46:110-114, 1947.
MacNay, Ent. Soc. Ont. R. 77:46-62, 1947.
MacNay et al., Can. Ins. Pest Rev. 25: 1-125, 1947.
Munro & Ward, B. C. Dept. Agr. R. 40:V18,V81, 1946; 41:W25, 1947.
Twinn, Ent. Soc. Ont. R. 75:45-49, 1945; 76:49-55, 1946.
Twinn et al., Can. Ins. Pest Rev. 23: 1-151, 1945; 24:1-152, 1946.
INSECT PEST SURVEYS - COLORADO
Gates, West. Colo. Hort. Soc. Trans. f. 1944:10-15, 1945.
Gates, Colo. Bur. Plant & Ins. Control R. f. 1945/46:33-34.

INSECT PEST SURVEYS - COTTON INSECTS

- Annard, USDA EPQ R. f. 1945/46:29-30.
INSECT PEST SURVEYS - DISTRICT OF COLUMBIA
Good, Mosq. News 6:76-77, 1946.
INSECT PEST SURVEYS - FUNDAMENTALS
Gaddis, USDA EPQ, Some of the Fund. Underlying Plant Pest Surv. in the Quar. & Control Field, 8 p., 1947.
INSECT PEST SURVEYS - MONTANA
Bare et al., Neb. R. 60:54, 1947.
Muma & Sooter, Neb. R. 60:54, 1947.
i Pletsch, Mont. B. 446:35-52, 1947.
INSECT PEST SURVEYS - OREGON
Brannon, Oreg. St. Hort. Soc. R. 37. 99, 1945.
Davis, Oreg. St. Hort. Soc. R. 38 26-29, 1946; 39 47-49, 1947.
McKennon, Oreg. St. Hort. Soc. R. 38. 25, 1946.
INSECT PEST SURVEYS - PORTS OF ENTRY
Annard, USDA EPQ R. f. 1943/44:55, f. 1944/45:29-30.
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1), 7 p.
INSECT PEST SURVEYS - POSTWAR
Gaines et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19 22-23, 1945.
INSECTARIES
i Peterson, Man. of Ent. Equip. & Methods ed. 5, Pt. 1-2-4-9, 1947.
INSECTARIES - PARASITE REARING
i Finney et al., Hilgardia 17 451-452, 1947.
INSECTICIDAL PLANTS
Bartlett, Chemurg. Digest 6:61, 1947.
b Bishopp, J. Ec. Ent. 39:451-452, 1946.
Clausen & Shepard, N. Y. (C.) R. 58 106, 1946.
b Hoskins & Craig, Ann. Rev. Biochem. 15:539-549, 1946.
Jardine et al., USDA OES R. f. 1944/45:63-64, 1946.
b McIndoo, USDA EPQ E-661, 286 p., 1945.
b Roark, USDA EPQ E-652, 126 p., E-654, 15 p., E-655, 63 p., 1945.
Tisdale, Can. Chem. & Process Indus. 29:74, 1945.
INSECTICIDAL PLANTS - AMORPHA FRUTICOSA
b1 Brett, J. Agr. Res. 73:81-96, 1946.
Brett, J. Ec. Ent. 39:810, 1946.
Brett & Hodnett, J. Ec. Ent. 40:593, 1947.
Jardine et al., USDA OES R. f. 1943/44:52, 1945.
INSECTICIDAL PLANTS - ANABASIS APHYLLA
b Roark, USDA EPQ E-636:3, 1945.
INSECTICIDAL PLANTS - CASTOR BEANS
b McIndoo, USDA EPQ E-666, 15 p., 1945.

INSECTICIDAL PLANTS - DERRIS

Cooper & Moore, P. R. (Mayaguez) R. f. 1944:7-8, 1945.

Jones, Assoc. Off. Agr. Chem. J. 28: 352-359, 1945.

Jones et al., P. R. (Mayaguez) R. f. 1944:5-7, 1945.

Jones et al., J. Ec. Ent. 39:281-283, 1946.

Moore, P. R. (Mayaguez) R. f. 1944: 4-5, 1945.

White et al., P. R. (Mayaguez) R. f. 1945:4-20, 1946.

INSECTICIDAL PLANTS - DERRIS ELIPTICA

bi Gunther & Turrell, J. Agr. Res. 71: 61-79, 1945.

i Moore, USDA FAR Agr. in the Amer. 5:10-12, 16, 18, 1945.

b White, Amer. Soc. Hort. Sci. P. 46: 370-374, 1945.

INSECTICIDAL PLANTS - DEVIL'S-SHOESTRING, *see* INSECTICIDAL PLANTS - TEPHROSIA VIRGINIANA

INSECTICIDAL PLANTS - DUBOISIA HOPWOODII

b Roark, USDA EPQ E-636.3, 1945.

INSECTICIDAL PLANTS - ERIGERON

McGovran et al., USDA EPQ E-736, 5 p., 1947.

INSECTICIDAL PLANTS - ERIGERON AFFINIS, misidentification, *see* HELIOPSIS LONGIPES

INSECTICIDAL PLANTS - EUGENIA HAITIENSIS

Annand, USDA EPQ R. f. 1945/46:12.

Jacobson & Haller, Amer. Chem. Soc. J. 69:709, 1947.

INSECTICIDAL PLANTS - HELIOPSIS LONGIPES

b Acree et al., J. Organ. Chem. 10: 236-242, 1945.

Annand, USDA EPQ R. f. 1943/44:27; f. 1944/45:19.

Haller, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:72, 1946.

Jacobson et al., J. Organ. Chem. 12: 731-732, 1947.

McGovran et al., USDA EPQ E-736, 5 p., 1947.

INSECTICIDAL PLANTS - HOP, *see* INSECTICIDAL PLANTS - HUMULUS LUPULUS

INSECTICIDAL PLANTS - HUMULUS LUPULUS

McGovran & Piquett, USDA EPQ E-682:9, 1946.

INSECTICIDAL PLANTS - INDIGOBUSH, *see* INSECTICIDAL PLANTS - AMORPHA FRUTICOSA

INSECTICIDAL PLANTS - JUSTICA GENDARUSSA

b Matthisse, N. Y. (G.) B. 832:39, 64, 1946.

INSECTICIDAL PLANTS - LONCHOCARPUS

Cooper & Moore, P. R. (Mayaguez) R. f. 1944:8-9, 1945.

i Gilly & Xolocotzi, Soc. Mex. Hist. Nat. Rev. 6:107-117, 1945.

INSECTICIDAL PLANTS - LONCHOCARPUS--Continued.

Jones, Assoc. Off. Agr. Chem. J. 28: 352-359, 1945.

Jones et al., J. Ec. Ent. 39:281-283, 1946.

White et al., P. R. (Mayaguez) R. f. 1945:4, 1946.

INSECTICIDAL PLANTS - LONCHOCARPUS NICOU

i Hermann, Wash. Acad. Sci. J. 37: 111-113, 1947.

INSECTICIDAL PLANTS - MAMEY, *see* INSECTICIDAL PLANTS - MAMMEA AMERICANA

INSECTICIDAL PLANTS - MAMMEA AMERICANA

Jones & Plank, Amer. Chem. Soc. J. 67:2266-2267, 1945.

Jones & Plank, P. R. (Mayaguez) R. f. 1945:20-22, 1946.

Plank, P. R. (Mayaguez) R. f. 1944: 15-16, 1945, f. 1945:23-24, 1946.

INSECTICIDAL PLANTS - NICOTIANA

b Roark, USDA EPQ E-636:3-4, 1945.

INSECTICIDAL PLANTS - NICOTIANA GLAUCA

Annand, USDA EPQ R. f. 1944/45:19; f. 1945/46:13.

INSECTICIDAL PLANTS - PACHYRHIZUS

Clausen & Hansberry, N. Y. (C.) R. 57:110, 1945.

Cobin, P. R. (Mayaguez) R. f. 1944: 14, 1945.

b Hansberry et al., J. Agr. Res. 74: 55-64, 1947.

INSECTICIDAL PLANTS - PACHYRHIZUS EROSUS

Annand, USDA EPQ R. f. 1943/44:26.

Bishopp, J. Ec. Ent. 39:452, 1946.

Dudley et al., USDA EPQ E-651:3-4, 1945.

Hansberry & Norton, N. Y. (C.) R. 57: 122, 1945.

Jardine et al., USDA OES R. f. 1943/44:52-53, 1945.

Jones, Assoc. Off. Agr. Chem. J. 29: 128-129, 1946.

Norton, N. Y. (G.) R. 63:20, 1945.

Norton, N. Y. (C.) R. 58:121-122, 1946.

Plank, P. R. (Mayaguez) R. f. 1944: 15-16, 1945.

INSECTICIDAL PLANTS - PACHYRHIZUS EROSUS - ANALYSIS

Norton & Hansberry, Amer. Chem. Soc. J. 67:1609-1614, 1945.

INSECTICIDAL PLANTS - PYRETHRUM

Annand, USDA EPQ R. f. 1945/46:12.

Drain & Odell, Tenn. R. 58:121, 1946.

Drain et al., Tenn. R. 57:82, 1945.

bi Gnadinger, Pyrethrum Flowers sup. to ed. 2 1936-1945:381-419, 1945.

Salter, USDA PISAE R. f. 1946/47:48.

i Yip, Soap & Sanit. Chem. 21:117, 119, 121, 1945.

INSECTICIDAL PLANTS - PYRETHRUM - AFRICA (KENYA)

i Jarrett, Agr. Chem. 1(8):27-29, 49, 1946.

**INSECTICIDAL PLANTS - PYRETH-
RUM - CINERINS**

Annand, USDA EPQ R. f. 1946/47:3-4.

**INSECTICIDAL PLANTS - PYRETH-
RUM - CONSTITUENTS**

b Gnadinger, Pyrethrum flowers sup.
to ed. 2 1936-1945:420-454, 1945.

b La Forge & Barthel, J. Organ.
Chem. 10 106-120, 222-227, 1945, 12:
198-202, 1947.

**INSECTICIDAL PLANTS - PYRETH-
RUM - PYRETHRIN CONTENT**

Carter et al., Soap & Sanit. Chem. 22
(4) 157, 1946.

**INSECTICIDAL PLANTS - ROTENONE-
BEARING**

Annand, USDA EPQ R. f. 1943/44:26,
f. 1945/46:12.

Carter et al., Soap & Sanit. Chem. 21
(11) 127, 1945.

bi Gunther & Turrell, J. Agr. Res. 71
61-79, 1945.

Jardine et al., USDA OES R. f.
1943/44:52-53, 1945.

Jones, P. R. (Mayaguez) R. f. 1944:10-
14, 1945.

Jones & Gersdorff, P. R. (Mayaguez)
R. f. 1944:9-10, 1945.

b McIndoo, USDA EPQ E-713, 201 p.,
1947.

Trullinger, USDA OES R. f. 1946/47
11-12.

b White, Amer. Soc. Hort. Soc. P. 46:
370-374, 1945.

**INSECTICIDAL PLANTS - ROTENONE-
BEARING, see also INSECTICIDAL
PLANTS - DERRIS, INSECTICI-
DAL PLANTS - LONCHOCARPUS,
INSECTICIDAL PLANTS - TE-
PHROSIA**

**INSECTICIDAL PLANTS - ROTENONE-
BEARING - ANALYSIS**

Jones, Assoc. Off. Agr. Chem. J. 28:
352-359, 1945.

INSECTICIDAL PLANTS - RYANIA

Annand, USDA EPQ R. f. 1945/46:12.

Cronk, Home Gard. (N. Y.) 5(5):57,
1945.

**INSECTICIDAL PLANTS - RYANIA SPE-
CIOSA**

Annand, USDA EPQ R. f. 1944/45:19;
f. 1946/47:9.

Carruth, N. Y. (G.) Farm Res. 11(1):
20, 1945.

Davis, Pests 14(6):14, 1946.

Gould, Ind. R. 59:65, 1946.

Jardine et al., USDA OES R. f. 1944/45
53, 1946.

b Pepper & Carruth, J. Ec. Ent. 38:59-
66, 1945.

INSECTICIDAL PLANTS - SABADILLA

Annand, USDA EPQ R. f. 1946/47:9.

Davis, Pests 14(6):12, 14, 1946.

b Ikawa et al., J. Biol. Chem. 159:517-
524, 1945.

Krieger, Agr. Chem. 1(4):19-20, 1946.

l Pinckard, Home Gard. So. 6:398-399,
1946.

**INSECTICIDAL PLANTS - SABADILLA
SEED**

Annand, USDA EPQ R. f. 1943/44:26.

**INSECTICIDAL PLANTS - SCHOENO-
CAULON**

Kriener, Agr. Chem. 1(4):19-20, 1946.

**INSECTICIDAL PLANTS - STEMONA
TUBEROSA**

b Matthyse, N. Y. (G.) B. 832:39, 64,
1946.

INSECTICIDAL PLANTS - TEPHROSIA

Jardine et al., USDA OES R. f.

1943/44:52, 1945.

**INSECTICIDAL PLANTS - TEPHROSIA
VIRGINIANA**

Flowers, South. Stockm. 5(9):28, 30,
1945.

Martin, N. J. R. 67:83, 1947?

b Matthyse, N. Y. (C.) B. 832:38, 66,
1946.

Russell & Little, Amer. Soc. Agron.
J. 38:646-650, 1946.

INSECTICIDAL PLANTS - TESTS

Annand, USDA EPQ R. f. 1945/46:12-
13.

b Hansberry & Clausen, J. Ec. Ent.
38:305-307, 1945.

b Hartzell, Boyce Thompson Inst.
Contrib. 15:21-34, 1947.

Plank, P. R. (Mayaguez) R. f. 1944:
15-16, 1945, f. 1945:22-24, 1946.

**INSECTICIDAL PLANTS - THREE-
WINGNUT, see TRIPTERYGIUM**

**INSECTICIDAL PLANTS - THUNDER
GOD VINE, see INSECTICIDAL**

**PLANTS - TRIPTERYGIUM
FORESTII**

**INSECTICIDAL PLANTS - TRIPTERYG-
IUM FORESTII**

Cheng, J. Ec. Ent. 38:491-492, 1945.

**INSECTICIDAL PLANTS - TRIPTERYG-
IUM WILFORDII**

Drain & Odell, Tenn. R. 59:100, 1947.

Dudley et al., USDA EPQ R-651:3,
1945.

**INSECTICIDAL PLANTS - YAM BEAN,
see PACHYRHIZUS**

INSECTICIDE ADJUVANTS

DeAtley, Natl. Farm Chemurg. Coun-
cil, Chemurg. Papers 606:7, 1946.

U. S. Pub. Health Serv. & Tenn. Val.
Authority, Malar. Control on Im-
pound. Water:208-209, 387-389, 1947.

**INSECTICIDE ADJUVANTS, see also
DUST ADJUVANTS; INSECTICIDE**

**SPREADERS & STICKERS; INSEC-
TICIDE SYNERGISTS & ACTIVA-
TORS; POISON BAIT ADJUVANTS;**

**SPRAY ADJUVANTS; DIPS - AD-
JUVANTS**

INSECTICIDE ADJUVANTS - DILUENTS

Howard et al., USDA Misc. Pub. 526
rev.:6, 1945.

Jardine et al., USDA OES R. f. 1944:
51, 1945.

**INSECTICIDE ADJUVANTS - GLYCER-
INE**

b Leffingwell & Lesser, Pests 14(11):
34, 36, 1946.

INSECTICIDE ADJUVANTS - SOLVENTS

Annand, USDA EPQ R. f. 1945/46:10.
Castonguay & Fern, Kans. Acad. Sci.
Trans. 49:434-435, 1946.

- INSECTICIDE ADJUVANTS - SOLVENTS**
 --Continued.
 Gunther, J. Chem. Educ. 22:240, 1945.
 Roark & McIndoo, USDA EPQ E-728:
 8-9, 1947.
- INSECTICIDE APPARATUS**
 Fisher, Amer. Assoc. Ec. Ent. N.
 Cent. Sts. Branch P. 2:20-21, 1947.
 Ingerson et al., Amer. Assoc. Ec.
 Ent. N. Cent. Sts. Branch P. 25:39-
 45, 1946.
 Osborn, Fragments of Entomol. Hist.
 Pt. 2:174-176, 1946.
 Simmons, J. Ec. Ent. 39:16, 1946.
 Simms, USDA BAI R. f. 1946/47:54.
 USDA EPQ et al., Cotton Ins. Control
 Conf. (Stoneville, Miss. Nov. 17-19)
 R.:14, 1947.
- INSECTICIDE APPARATUS, see also**
DUSTING APPARATUS, ENTOMOL-
OGICAL TECHNIQUE, FIELD
APPARATUS, FUMIGATING AP-
PARATUS, LABORATORY APPA-
RATUS; POISON BAIT APPARA-
TUS, SPRAYING APPARATUS
- INSECTICIDE APPARATUS - BLOWERS**
 Popham, USDA YB f. 1943/47:839-842.
- INSECTICIDE APPARATUS - CARE &**
REPAIR
 Howard et al., USDA Misc. Pub. 526
 rev.:50, 1945.
- INSECTICIDE APPARATUS - CONCEN-**
TRATES
 Paxton, Ohio St. Hort. Soc. P. 100:170-
 174, 1947.
- INSECTICIDE APPARATUS - DDT**
 Simmons et al., Mosq. News 7:140,
 143-144, 1947.
- INSECTICIDE APPARATUS - DIRECTO-**
RY
 Amer. Assoc. Ec. Ent. East. Branch,
 Entoma ed. 6:189-210, 1945; ed. 7.
 244-281, 1947.
- INSECTICIDE APPARATUS - FLAME**
CULTIVATOR
 Annand, USDA EPQ R. f. 1945/46:19.
- INSECTICIDE APPARATUS - NEW**
 i Palm, Agr. Chem. 1(3):14-18, 62-65,
 1946.
- INSECTICIDE APPARATUS - OILER**
 i Kemper, USDA FB 980 rev.:7-8,
 1947.
- INSECTICIDE FORMULAE**
 Bennett, Chem. Formulary v. 7:119-
 129, 1945.
 Hamilton, Shade Tree 20(5):5, 1947.
 Hiscox, Henley's Twentieth Cent. For-
 mulas:346-348, 418-425, 521-522, 602,
 1946.
 White & Doolittle, USDA Misc. Pub.
 605:28-29, 1946.
 Saskatchewan Univ., Guide to Farm
 Pract. in Saskatchewan:98-99, 1945.
- INSECTICIDE FORMULAE - QUANTITIES**
 Krone et al., Mich. Ext. B. 4 rev.:37-
 38, 1945.
- INSECTICIDE INJURY**
 Baker, USDA YB f. 1943/47:654.
 i Bartholomew, Cal. Agr. 1(8):1,4,
 1947.
 Bartholomew, Cit. Leaves 27(8):12,
 1947.
- INSECTICIDE INJURY--Continued.**
 Bottger & Levin, J. Ec. Ent. 39 541,
 1946.
 Fuller, South. Flor. 59(38):14,56,
 1946.
 Howard et al., USDA Misc. Pub. 526
 rev.:4-5, 1945.
 Kulash, J. Ec. Ent. 40:642-643, 1947.
- INSECTICIDE INJURY, see also DUST**
INJURY; FUMIGATION INJURY,
SPRAY INJURY
- INSECTICIDE INJURY - ARSENICAL**
 b Clements & Munson, Pac. Sci. 1
 151-171, 1947.
 Pepper, N. J. Ten-Ton Tomato Club
 R. f. 1945 23,26.
- INSECTICIDE INJURY - BENZENE**
HEXACHLORIDE
 Annand, USDA EPQ R. f. 1945/46 11.
 Dominick, Va. B. 406:11,17, 1947.
 Grayson & Poos, J. Ec. Ent. 40 254-
 256, 1947.
 Snapp, J. Ec. Ent. 40 384-385, 1947.
- INSECTICIDE INJURY - BENZENE**
HEXACHLORIDE, see also INSEC-
TICIDES - BENZENE HEXACHLO-
RIDE - EFFECT ON PLANTS
- INSECTICIDE INJURY - CRYOLITE**
 Martin, N. J. R. 66:90, 1946.
- INSECTICIDE INJURY - DDT**
 Dudley, USDA EPQ E-715.5-10, 1947.
 Fleming, USDA EPQ E-724 13-22,
 1947.
 Grayson & Poos, J. Ec. Ent. 40 254-
 256, 1947.
 Harman, J. Ec. Ent. 40:257, 1947.
 i Hervey & Schroeder, J. Ec. Ent. 39
 403-404, 1946.
 Salter, USDA PISAE R. f. 1945/46 31-
 32, f. 1946/47 13.
 Tanada et al., Hawaii R. f. 1944/46
 69-71, 1947.
 White, USDA EPQ E-642:8, 1945.
 Wilson, Ohio B. 673.75, 1947.
- INSECTICIDE INJURY - DDT, see also**
INSECTICIDES - DDT - EFFECT
ON PLANTS
- INSECTICIDE INJURY - DDT & FUNGI-**
CIDES
 Bonde & Snyder, Maine B. 449:264-
 269, 271, 273, 275, 343-346, 348, 350,
 352, 354, 1947.
- INSECTICIDE INJURY - ETHYLENE**
DICHLORIDE
 Smith & Veerhoff, J. Ec. Ent. 40:588,
 1947.
- INSECTICIDE INJURY - HEXAETHYL**
TETRAPHOSPHATE
 i Smith et al., Flor. Rev. 99(2569):33-
 35, 1947.
- INSECTICIDE INJURY - LEAD ARSE-**
NATE - EFFECT OF CRYOLITE
 bi Marcovitch, J. Indus. Hyg. & Toxi-
 col. 29:175-177, 1947.
- INSECTICIDE INJURY - PARADICHO-**
ROBENZENE
 Smith & Veerhoff, J. Ec. Ent. 40:588,
 1947.
- INSECTICIDE INJURY - PARATHION**
 O'Neill, Wash. St. Hort. Assoc. P. 43,
 16, 1947.

- INSECTICIDE INJURY - SELENIUM
Ball, Can. Flor. 41:367-368, 1946.
- INSECTICIDE INJURY - TOXAPHENE
Stearns et al., J. Ec. Ent. 10:79-80, 1947.
- INSECTICIDE INJURY TO CUCUMBERS - DDT - VARIETAL RESPONSE
i Hervey & Schroeder, J. Ec. Ent. 39 403-404, 1946.
- INSECTICIDE INJURY TO CUCURBITS
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32 79-83, 87, 1947.
- INSECTICIDE PAPER
Chamlin, Pests 15(5) 22, 1947.
- INSECTICIDE PAPER, see also TRAPS FOR INSECTS - FLY PAPER
- INSECTICIDE RESIDUE
Doner, Agr. Chem. 2(8).18, 1947.
Mote et al., Oreg. Ext. B. 676 3-5, 1947.
- INSECTICIDE RESIDUE, see also DUST RESIDUE, FUMIGATION RESIDUE, POISON BAIT RESIDUE, SPRAY RESIDUE
- INSECTICIDE RESIDUE - ARSENICAL
b Clements & Munson, Pac. Sci. 1: 151-171, 1947.
- INSECTICIDE RESIDUE - DDT
Annand, USDA EPQ R. f. 1944/45.14.
Bishopp, Food Field Rptr. 14(4) 50, 1946.
Blackburn & Weaver, Ohio St. Hort. Soc. P. 100.34-37, 41, 1947.
b Carter & Hubanks, Assoc. Off. Agr. Chem. J. 29 112-114, 1946.
Decker, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 64, 1946.
Decker, J. Ec. Ent. 39 559-562, 1946.
Decker et al., J. Ec. Ent. 40 399-400, 1947.
Doner, Soap & Sanit. Chem. 23(6).139, 141, 143, 193, 1947.
Houser, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.81, 1946.
Lininger et al., Pa. B. 488 16, 1947.
Nold, Better Fruit 40(6) 5, 1945.
Norton, N. Y. (C.) R. 58:122, 1946.
Poos et al., J. Ec. Ent. 40:901-905, 1947.
Robinson, Oreg. C. Inform. 412, 4 p., 1947.
- INSECTICIDE RESIDUE - DDT - ANALYSIS
Hoskins, Cal. C. 365.102-103, 1946.
Reiber & Stafford, Cal. C. 365:104-108, 1946.
- INSECTICIDE RESIDUE - DDT - FRUITS & VEGETABLES
Manalo et al., Canner 103(2):10-11, 22, 1946.
Manalo et al., Canning Trade 68(49). 9, 22, 1946.
Manalo et al., Mich. Quart. B. 28:272-280, 1946.
- INSECTICIDE RESIDUE - DDT - PEA VINE SILAGE
b Wilson et al., J. Ec. Ent. 39:801-806, 1946.
- INSECTICIDE RESIDUE - FLUORINE
Baker et al., Wash. B. 497:57-58, 1947.
- INSECTICIDE RESIDUE - PARATHION
O'Neill, Wash. St. Hort. Assoc. P. 43 16, 1947.
- INSECTICIDE RESIDUE - SNAP BEANS
Tobey & Plummer, Maine B. 442 217-218, 239, 1946.
- INSECTICIDE RESIDUE - SOIL
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1 11, 1947.
Bondy & Rainwater, S. C. R. 57.99-102, 1945.
Overholser, Pa. St. Hort. Assoc. P. 88 9-10, 1947.
Overley, Wash. B. 470.88, 1945.
- INSECTICIDE RESIDUE - SOIL - DDT
Marcovitch & Stanley, Tenn. R. 59'94, 1947.
Steiner et al., Ind. Hort. Soc. Trans. 85 45, 1946.
- INSECTICIDE RESIDUE - SOIL - EFFECT ON PLANTS
b Clements & Munson, Pac. Sci. 1 151-171, 1947.
- INSECTICIDE SPREADERS & STICKERS
Burrell et al., Mosq. News 7 11-13, 1947.
Rude & Parish, USDA EPQ E-695 4, 1946.
- INSECTICIDE SYNERGISTS & ACTIVATORS
Bishopp, J. Ec. Ent. 39.457, 1946.
Creighton, Natl. Shade Tree Conf. P. 23 115-116, 1947.
b Goodhue, Iowa St. Col. J. Sci. 19 257, 1945.
Haller, Indus. & Engin. Chem. Indus. Ed. 39.470-472, 1947.
b Hoskins & Craig, Ann. Rev. Biochem. 15 565-566, 1946.
b Knippling, Pests 15(2).12, 1947.
Krieger, Agr. Chem. 1(4) 20, 1946.
Langford, Arbor. News 12 36, 1947.
b Mayer et al., USDA EPQ E-709, 16 p., 1946.
Patton et al., N. Y. (C.) R. 59 123-124, 1947.
Rodda, Chem. Indus. 56:408, 1945.
Stafford, J. Ec. Ent. 39.501-502, 1946.
- INSECTICIDE SYNERGISTS & ACTIVATORS - DIPHENYL SULFIDE
Annand, USDA EPQ R. f. 1946/47 4.
- INSECTICIDE SYNERGISTS & ACTIVATORS - PHTHALONITRILE
Annand, USDA EPQ R. f. 1946/47 4.
Howard, USDA AIC R. f. 1946/47 38-39.
- INSECTICIDE SYNERGISTS & ACTIVATORS - TERPIN DIACETATE
Pierpont, J. Ec. Ent. 38:123-124, 1945.
- INSECTICIDE SYNERGISTS & ACTIVATORS - TESTS - METHODS
b Wadley, USDA EPQ ET-223, 7 p., 1945.
- INSECTICIDES
Annand, Southeast. Cotton Ins. Control Conf. R. P. 1.6-7, 1947.
Bennett, Chem. Specialties.266-276, 700-710, 1946.
Bourne, Pests 13(3).6, 8, 10, 12, 1945.
Boyd, N. J. Dept. Agr. C. 355-6-8, 1945.

- INSECTICIDES--Continued.
- Britton, in De La Mare, Gard. Guide ed. 7:412-413, 1947.
- Cameron, Parasites of Man ed. 2:167-171, 1946.
- DeAtley, Natl. Farm Chemurg. Council, Chemurg. Papers 606:1-7, 1946.
- Faloon, Amer. Rose Ann. f. 1945:155-156.
- Free, Gardening rev.:464-468, 1947.
- Gershenfeld, Bact. & All. Subjects: 403-418, 1945.
- Green, Control de Plagas 8:17,19,131-132, 1946; 9:123-125, 1947.
- Hockenyos, Pests 14(8):8,10, 1946.
- Howard et al., USDA Misc. Pub. 526 rev.:1-42, 1945.
- i Howland, Better Homes & Gard. 24 (7):106,109, 1946.
- b Isely, Methods of Ins. Control Pt. 2, ed. 4 rev.,184 p., 1947.
- Jardine et al., USDA OES R. f. 1944/45:56-59, 1946.
- i Killeffer, Sci. Amer. 176:157-158, 1947.
- bi McClintock & Fisher, Spray Chem. & Appl. Equip.:1-88,129-161,180-191, 1945.
- Mallis, Handb. of Pest Control:459-473, 1945.
- Martin, N. J. R. 67:40-41, 1947?
- Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev.:231,333-335,456, 513-516, Addenda:16-19,21, 1946.
- Navarro, Control de Plagas 8:115-116, 1946.
- Osborn, Fragments of Entomol. Hist. Pt. 2:168-173, 1946.
- Parker, USDA EPQ E-734.9-10, 1947.
- Platt, House Beautiful's Pract. Gard. No. 8:56-57, 1947.
- Quesada, Control de Plagas 9:74-77, 90-93,99-100, 1947.
- Sherwood & Bishop, W. Va. Ext. C. 325 rev.:46-56, 1945.
- Tissot, Cit. Indus. 28(6):3,8-9, 1947.
- Utter, Plants & Gard. 1:122-124, 1945.
- Vallance, Agr. Chem. 2(9):29-30, 1947.
- Westcott, Bug Book:10-34, 1946.
- White & Doolittle, USDA Misc. Pub. 605:24-26,28, 1946.
- Wis. Agr. Expt. Sta., Some Insectic. in Wis. in 1947,12 p., 1947. (Sp. C.)
- INSECTICIDES, see also AEROSOL BOMBS; AEROSOLS; DIPS; DUSTS; FUMIGANTS; INSECT-PROOFING COMPOUNDS; LARVICIDES; OVICIDES; REPELLENTS; SCABIES - PREPARATIONS; SOIL STERILIZATION; SPRAY MATERIALS; SPRAYS; WASHES
- INSECTICIDES - AATP, see INSECTICIDES - PARATHION
- INSECTICIDES - ADULTERATION & MISBRANDING
- McDonnell, Soap & Sanit. Chem. 21 (10):133,135,137,139, 1945.
- INSECTICIDES - AERIAL
- Batchelder, Amer. Assoc. Econ Ent. N. Cent. Sts. Branch P. 25:11-12, 1946.
- INSECTICIDES - AFFININ, see INSECTICIDES - N-ISOBUTYL-2,6-8-DECATRIENAMIDE
- INSECTICIDES - ALORCO, see INSECTICIDES - CRYOLITE (ALORCO)
- INSECTICIDES - AMERICAN CYANAMID 3422, see INSECTICIDES - PARATHION
- INSECTICIDES - p-AMINOAZOBENZENE HYDROCHLORIDE
- Stahl, J. Ec. Ent. 39:611, 1946.
- INSECTICIDES - AMMONIUM SALT OF DINITRO-O-CRESOL, see INSECTICIDES - DINITRO-O-CRESOL, AMMONIUM SALT
- INSECTICIDES - AMORPHA EXTRACTS
- Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:99, 1945.
- INSECTICIDES - AMORPHA EXTRACTS - TOXICITY TO INSECTS
- Brett, J. Agr. Res. 73:87-93,95-96, 1946.
- INSECTICIDES - ANABASINE
- Bishopp, J. Ec. Ent. 39:452, 1946.
- b Roark, USDA EPQ E-636,23 p., 1945.
- INSECTICIDES - ANALYSIS
- Annand, USDA EPQ R. f. 1943/44.28.
- Cox, Cal. Dept. Agr. B. 33:315-316, 1945.
- Donovan, Soap & Sanit. Chem. 22(6). 165,167,201, 1946.
- Graham, Assoc. Off. Agr. Chem. J. 28:571-575, 1945.
- Taylor, Fla. St. Chem. R. f. 1944/45 pt. 3,63 p.
- INSECTICIDES - ANTIDOTES
- DeBoth, Mod. Household Encyclop.. 230,232-234, 1946.
- Howard et al., USDA Misc. Pub. 526 rev.:51-52, 1945.
- McClintock & Fisher, Spray Chem. & Appl. Equip.:188-191, 1945.
- Munch, Pests 13(7):8,10, 1945.
- INSECTICIDES - ARSENATE OF LEAD, see INSECTICIDES - LEAD ARSENATE
- INSECTICIDES - ARSENATES
- Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:101, 1947.
- INSECTICIDES - ARSENIC - HAZARDS & SAFEGUARDS
- U. S. Army Med. Dept. Bul. 88:13-14, 1945.
- INSECTICIDES - ARSENIC - HISTORY
- Munro, J. Ec. Ent. 39:274, 1946.
- INSECTICIDES - ARSENIC - PLANT ABSORPTION
- i Nye, Utah Farm & Home Sci. 8(4): 15-17, 1947.
- INSECTICIDES - ARSENIC - SUPPLIES
- Rodda, Chem. Indus. 56:406-407, 1945.
- INSECTICIDES - ARSENIC - TOXICITY TO ANIMALS
- Maas, Amer. Vet. Med. Assoc. J. 110: 249-250, 1947.
- INSECTICIDES - ARSENIC - TOXICITY TO INSECTS - BEES
- Knowlton & Yao, Utah Mimeo. Ser. 340,3 p., 1947.
- INSECTICIDES - ARSENIC, WHITE, see INSECTICIDES - ARSENIC TRIOXIDE

INSECTICIDES - ARSENIC TRIOXIDE
Howard et al., USDA Misc. Pub. 526
rev. 5, 1945.

INSECTICIDES - ARSENICALS
Concannon, U. S. Bur. Foreign & Dom.
Com. Indus. R. Chem. & Allied
Prod., Mar. 1946:30.
Graham, B. C. Lumberm. 29(4) 64, 118,
1945.

INSECTICIDES - ARSENICALS, see also
INSECTICIDES - ARSENIC TRIOX-
IDE; INSECTICIDES - CALCIUM
ARSENATE; INSECTICIDES -
COPPER ARSENATE, INSECTI-
CIDES - COPPER HYDROARSE-
NATE, INSECTICIDES - IRON AR-
SENATE; INSECTICIDES - LEAD
ARSENATE; INSECTICIDES -
MAGNESIUM ARSENATE, INSEC-
TICIDES - PARIS GREEN; INSEC-
TICIDES - SODIUM ARSENITE,
INSECTICIDES - SODIUM METAR-
SENITE, INSECTICIDES - ZINC
ARSENITE

INSECTICIDES - ARSENICALS - TOXICI-
TY TO INSECTS

Annand, USDA EPQ R. f. 1945/46:16.
Munson & Yeager, J. Ec. Ent. 38:634-
642, 1945.

INSECTICIDES - ARSENICALS - TOXICI-
TY TO INSECTS - BEES

Bushby, U. S. Dept. Int. Bur. Reclam.
Reclam. Era 33:200, 205, 1947.

INSECTICIDES - ARSENICALS, ORGANIC
b Hsing, J. Ec. Ent. 40:885-895, 1947.

INSECTICIDES - ARSENICALS, ORGAN-
IC - TOXICITY TO INSECTS

b Hsing, J. Ec. Ent. 40:883-895, 1947.
Rueggeberg et al., Amer. Chem. Soc.
J. 68:1860-1862, 1946.

INSECTICIDES - ARYL ALKYL THIONO-
PHOSPHATE, see INSECTICIDES -
PARATHION

INSECTICIDES - AZOBENZENE

Bishopp, Agr. Chem. 1(6):22, 1946.
Cory, Amer. Nurserym. 85(7):9, 81,
1947.

Hixson & Muma, J. Ec. Ent. 40:596-
597, 1947.

Langford, Arbor. News 12:36, 1947.

McClellan, Flor. 109(15):14, Flor.
Rev. 101(2604):39, 1947.

Stanley, Tenn. St. Hort. Soc. P. 40:94,
1946.

INSECTICIDES - AZOBENZENE, see also
INSECTICIDES - SMOKES - AZO-
BENZENE

INSECTICIDES - BARIUM CARBONATE
Howard et al., USDA Misc. Pub. 526
rev. 5, 1945.

INSECTICIDES - BARIUM FLUORIDE
Quesada, Control de Plagas 9:76, 1947.

INSECTICIDES - BARIUM FLUOSILI-
CATE

Howard et al., USDA Misc. Pub. 526
rev. 5-6, 1945.

Price, Ky. Ext. C. 435:3, 5, 7, 1947.

INSECTICIDES - BENTONITE

Howard et al., USDA Misc. Pub. 526
rev. 6, 1945.

INSECTICIDES - BENZAMIDES, N-SUB-
STITUTED

b Gertler, USDA EPQ E-732, 12 p.,
1947.

INSECTICIDES - BENZENE - HAZ-
ARDS & SAFEGUARDS

Mfg. Chem. Assoc. U. S. Chem.
Safety Data Sheet SD-2, 16 p., 1946.

INSECTICIDES - BENZENE & DI-
PHENYL MIXTURES

Rebrassier et al., U. S. Livestock
Sanit. Assoc. P. 49 84-85, 1946.

Rude et al., USDA EPQ E-633, 2 p.,
Kans. Vet. Med. Assoc. B. 6(4) i.e.
3(7):3-4; Sheep & Goat Raiser 25
(7):26, 1945; Cal. Wool Grow. 22
(38):5, 1946.

Dow Chem. Co., Down to Earth 1(2):
17, 1945.

INSECTICIDES - BENZENE COM-
POUNDS

Hutson, Gladiolus 22:47-51, 1947.

INSECTICIDES - BENZENE HEXA-
CHLORIDE

Anderson, Neb. Dept. Agr. & Insp.
Blen. R. f. 1945/47:25.

Annand, USDA EPQ R. f. 1945/46:9,
1946/47:5-16, 18-20, 28.

Apple, Ill. Veg. Grow. B. 6(3):5, 1946,
7(2):5, 1947.

Baker, USDA YB f. 1943/47:653.
Bayer, N. C. R. 69:22-23, 1946.

Becnel et al., Assoc. South. Agr.
Workers P. 44, 121, 1947. (Abs.)

Becnel et al., La. R. f. 1945/46:52,
1947.

Bishopp, Canner 102(10):18, 1946.
Bishopp, Food Pack. 27:106, 1946.

Bromley, N. Y. Ent. Soc. J. 55:207-
208, 1947.

Chamlin, J. Chem. Educ. 23:283-284,
1946.

Chandler, Ill. Fruit Exch. News 11(8):
3, 1947.

Christie, Ont. Agr. Col. & Expt.
Farm R. 70:66, 1945.

Clark & Hoveland, Wis. B. 472:9-10,
14-15, 17, 19, 1947.

Cockerham et al., La. R. f. 1944/45.
126, 1946.

Compton, Can. Flor. 41:339, 1946.

Concannon, U. S. Bur. Foreign &
Dom. Com. Indus. R. Chem. & Al-
lied Prod., Mar. 1946:36.

Conklin, N. H. Hort. Soc. J. 10:60,
1947.

Conklin et al., N. H. B. 372:31, 1947.

Connaughton, USDA FS South. For.
Expt. Sta. R. 26:60-61, 1946; 27:65,
1947.

Cotton, USDA YB f. 1943/47:876.

Creighton, Fla. St. Hort. Soc. P. 60:
214, 1947.

Creighton, Natl. Shade Tree Conf. P.
23:111-112, 1947.

Davis, Pests 14(6):10, 12, 1946.

DeAtley, Natl. Farm Chemurg. Coun-
cil, Chemurg. Papers 606:4-5, 1946

DeAtley, Pests 15(1):34, 36, 1947.

INSECTICIDES - BENZENE HEXA- CHLORIDE --Continued.

- Dent, Farmacéutico 23(1):148, 1947.
DeOng, Drug & All. Indus. 33(7):12, 1947.
Doner, Agr. Chem. 2(8):20, 1947.
Dugas & Concienne, Assoc. South. Agr. Workers P. 44:123, 1947. (Abs.)
Eddy & Bushland, U. S. Navy BUMED News Let. 9(2):7-8, 1947.
Egloff, Chemurg. Digest 5:243, 1946.
Gaines et al., Assoc. South. Agr. Workers P. 44:125-126, 1947. (Abs.)
Gardiner, Can. Min. Agr. R. f. 1945/46:16, f. 1946/47:15-16,78, 81-87,94,96,98-99.
Gentry, Iowa Vet. 18(3):12-13, 1947.
Glasgow & Hervey, N. Y. (G.) R. 65:19-20, 1947.
Gould, Ind. R. 59 65, 1946.
Gould, Ind. Acad. Sci. P. 56:162, 1947?
Gray, Can. Food Packer 17(12):31, 1946.
Griffiths & Thompson, Cit. Indus. 28(8):3-4,18, 1947.
Griffiths et al., Fla. St. Hort. Soc. P. 60:81-86, 1947.
b Haller & Bowen, Agr. Chem. 2(1) 15-17, 1947.
Harms, Cal. C. 365:99-100, 1946.
Hill & Sooter, Neb. R. 60:50, 1947.
Hinman & Cowan, USDA EPQ E-722 9-14,19-21, 1947.
Hixson, Neb. Ext. C. 1507 rev..2-4, 1947.
Hixson et al., Neb. R. 60:52, 1947.
Hutson, Gladiolus 22 47-50, 1947.
Jacobs, Chem. & Engin. News 25:2713, 1947.
Jefferson, Natl. Shade Tree Conf. P. 23.381-382, 1947.
Johnson, Sci. Amer. 174.258-259, 1946.
Kelsheimer, Fla. R. f. 1945/46:112-113, f. 1946/47:126-127.
Knippling, USDA YB f. 1943/47:639-640.
b Knippling, Pests 15(2):12, 1947.
Knippling, Soap & Sanit. Chem. 23(7) 129,131, 1947.
Laake & Bruce, USDA YB f. 1943/47:672-673.
Lange, Agr. Chem. 2(9).23,68-69, 1947.
Lange, Cal. Agr. 1(12):1,3, 1947.
Langford, Arbor. News 12:35, 1947.
Lininger et al., Pa. B. 488:28-29,44, 1947.
McDaniel, Gladiolus Mag. 11(3):14-15, 1947.
Magie, N. Amer. Glad. Council B. No. 11:16, 1947.
Magie & Kelsheimer, Fla. R. f. 1945/46:118; f. 1946/47:130.
Marcovitch & Stanley, Tenn. R. 58:114,117, 1946; 59:92-93,95, 1947.
Martin, N. J. R. 66:89, 1946; 67:43, 1947?
i Maxwell, Chemurg. Digest 6:224-228, 1947.
Metcalf, Cal. Agr. 1(10):2, 1947.
Miller, Spreckels Sugar Beet Bul. 11:38, 1947.

INSECTICIDES - BENZENE HEXA- CHLORIDE --Continued.

- O'Kane et al., N. H. B. 367:31-32, 1946.
b Phillips, Fed. P. 5:294-295, 1946.
Porter, Amer. Fruit Grow. 67(1):19, 1946.
Portman, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:39-40, 1947.
Rainwater & Bondy, Assoc. South. Agr. Workers P. 44:130, 1947. (Abs.)
Rebrassier et al., U. S. Livestock Sanit. Assoc. P. 49:84, 1946.
Roberts, Lower Rio Grande Val. Cit. & Veg. Inst. P. 1:72, 1946.
Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 28,1 p., 1945, 50,3 p., 1946.
Schwardt, N. J. Dept. Health Pub. Health News 28:117, 1946.
Slate, Conn. R. f. 1945/46:7-10,41.
Sleesman & Wilson, Veg. Grow. Assoc. Amer. R. 37:185-186, 1945.
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31 185, 1946.
Smallman, Wallerstein Lab. Commun. 8:165-167, 1945.
Smith, Kans. St. Hort. Soc. Bien. R. 48:66, 1946.
Smith, Control de Plagas 9:103-104, 1947.
Smith & Boswell, Gladiolus Mag. 11(3) 10-13, 1947.
Snapp, Ind. Hort. Soc. Trans. 86 99-100,102-103, 1947.
Stanley, Tenn. St. Hort. Soc. P. 40:94, 1946.
Stetson, Food Packer 28(5).74, 1947.
Tate, Amer. Assoc. Cereal Chem. Trans. 4.40, 1946.
i Taylor et al., Chem. Indus. 60.418-420, 1947.
Thompson, Fla. R. f. 1945/46:156; f. 1946/47:155-157.
Tisdale, Internatl. Apple Assoc. P. 53:93-94, 1947.
Tisdale, Mich. St. Hort. Soc. R. 76:30, 1947.
Tissot, Fla. R. f. 1946/47:70.
Trullinger et al., USDA OES R. f. 1945/46:108,111,114-116, 1947.
Turner, Conn. Veg. Grow. Assoc. P. 35:58-59, 1947.
b Twinn, Sci. Agr. 27 99-100, 1947.
Wallace, Utah Gard., Aug. 1947:17.
Watson et al., Natl. Malar. Soc. J. 5:200-201, 1946.
Watts, S. C. R. 59:160-163, 1947.
Webster, Better Fruits 41(11):30, 1947.
Weed, Soap & Sanit. Chem. 23(1):115-116,155, 1947.
Weinman, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:77, 1947.
Weinman & Decker, Ill. St. Hort. Soc. Trans. 80:176-179, 1947.
Wilson & Sleesman, Veg. Grow. Assoc. Amer. R. 37:202,204, 1945.
Witman, Chem. Indus. 58:591, 1946.
Witman, Ohio Veg. & Potato Grow. Assoc. P. 31:316-317, 1946.

INSECTICIDES - BENZENE HEXA-CHLORIDE --Continued.

- Witman, Amer. Fruit Grow. 67(8):30, 1947.
 Wolfenbarger, Fla. R. f. 1946/47:247-250.
 Wolfenbarger, Fla. Ent. 29:37-44, 1947.
 Wolfenbarger, Fla. PB 639.3-6, 1947.
 Wolfenbarger, Fla. St. Hort. Soc. P. 60:167, 169-170, 1947.
 Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 33:84, 34:94-96, 1946.
 USDA EPQ Orlando, Fla., Lab. USDA Misc. Pub. 606:10, 1946.
 USDA EPQ, USDA Consum. Guide 13 (7):3, 1947.
 U. S. Pub. Health Serv., Pan. Amer. Union B. Ofic. Sanit. 26:775, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE, see also INSECTICIDES - DDT & BENZENE HEXA-CHLORIDE, INSECTICIDES - DDT vs. BENZENE HEXACHLORIDE, INSECTICIDES - OINTMENTS - BENZENE HEXACHLORIDE, INSECTICIDES - SMOKE - BENZENE HEXACHLORIDE
INSECTICIDES - BENZENE HEXA-CHLORIDE - ALKALINE DEGRADATION
 Gunther & Blinn, Amer. Chem. Soc. J. 69.1215-1216, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - ANALYSIS
 b Daasch, Anal. Chem. 19 779-785, 1947.
 b Haller, Agr. Chem. 2(9) 26-28, 73, 75, 77, 79, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - BIBLIOGRAPHY
 Busbey, USDA EPQ E-731, 22 p., 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - CHEMISTRY
 Annand, USDA EPQ R. f. 1946/47 3.
INSECTICIDES - BENZENE HEXA-CHLORIDE - DETERMINATION
 Wichmann, Assoc. Off. Agr. Chem. J. 30 453-454, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - EFFECT OF ODOR
 Annand, USDA EPQ R. f. 1946/47 5, 7, 13, 18.
 O' Kane et al., N. H. B. 367:31, 1946.
INSECTICIDES - BENZENE HEXA-CHLORIDE - EFFECT ON FLAVOR
 Annand, USDA EPQ R. f. 1946/47:11-12.
 Arnason et al., Can. Ent. 79.177-178, 1947.
 Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:12-13, 1947.
 Campbell, Hints to Potato Grow. 28(4): 3-4, 1947.
 Glendenning & Fulton, Sci. Agr. 28 550-551, 553, 1947.
 Greenwood, J. Ec. Ent. 40:727, 1947.
 Griffiths et al., Fla. St. Hort. Soc. P. 60:83, 1947.
 Hixson & Muma, Science 106:422-423, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - EFFECT ON FLAVOR --Continued.

- Newcomer, Wash. St. Hort. Assoc. P. 43.20-21, 1947.
 Okane, J. Ec. Ent. 40.134, 1947.
 Post et al., N. Dak. Bimo. B. 10:29-30, 1947.
 Snapp, Tenn. St. Hort. Soc. P. 41.29, 1947.
 Telford, J. Ec. Ent. 40:919-921, 1947.
 Wolfenbarger, Fla. R. f. 1946/47 250.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.1, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - EFFECT ON MITE POPULATIONS
 Ewing et al., J. Ec. Ent. 40:380, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - EFFECT ON PLANTS
 Annand, USDA EPQ R. f. 1946/47:5. /
 Roberts, J. Ec. Ent. 40:571-572, 1947.
 Wilson, Ohio B. 673 75, 1947.
 Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 32.80-81, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - EFFECT ON SEEDS
 Brooks & Anderson, J. Ec. Ent. 40 222-223, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - HAZARDS & SAFE-GUARDS
 Kyd, Okla. Ext. C. 465.2, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - ISOMERS
 Annand, USDA EPQ R. f. 1946, 47 4.
 Cotton, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 14-16, 1947.
 i Cristol, Amer. Chem. Soc. J. 69 338-342, 1947.
 b Daasch, Anal. Chem. 19 779-785, 1947.
 Dicke, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 16, 1947.
 Haller, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:13-14, 16, 1947.
 b Metcalf, J. Ec. Ent. 40:522-525, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - ISOMERS - SEPARATION
 b Ramsey & Patterson, Assoc. Off. Agr. Chem. J. 29.337-346, 1946.
INSECTICIDES - BENZENE HEXA-CHLORIDE - LABELS
 Lemmon, Agr. Chem. 2(6) 31, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - MARKETING
 Oil, Paint & Drug Rptr. 151(20):87, 1947.
INSECTICIDES - BENZENE HEXA-CHLORIDE - PREPARATION
 Sites, Amer. Soc. Hort. Sci. P. 47.213-214, 1946.
INSECTICIDES - BENZENE HEXA-CHLORIDE - RESIDUAL EFFECTS
 Annand, USDA EPQ R. f. 1945/46 10.
 Dominick, Va. B. 406-14-17, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - TESTS

Annam, USDA EPQ R. f. 1944/45:18; f. 1945/46:10-12.

b Arnason et al., Can. Ent. 79:174-180, 1947.

Bishop, Agr. Chem. 1(6):20-21, 1946.

Bishopp, J. Ec. Ent. 39:453-454, 1946.

Brett & Rhoades, J. Ec. Ent. 39:663-664, 1946.

Chapman et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:17-19, 1947.

Dustan et al., Sci. Agr. 26:106-121, 1946.

b Furman, J. Ec. Ent. 40:672-675, 1947.

b Gaines, J. Ec. Ent. 40:896-899, 1947.

Gardiner, Can. Min. Agr. R. f. 1945/46:68.

Grayson & Poos, J. Ec. Ent. 40:252-256, 1947.

Greenwood, J. Ec. Ent. 40:724-727, 1947.

Harms, Cal. Mosq. Control Assoc. P. 14:3-6, 1946.

Hixson & Muma, J. Ec. Ent. 40:596-597, 1947.

Knipling, Iowa St. Col. J. Sci. 22:47-49, 1947.

Kulash, J. Ec. Ent. 40:641-643, 1947.

Laug, T. Pharm. & Expt. Ther. 86:329, 1946.

b Linduska & Morton, Amer. J. Trop. Med. 27:771-777, 1947.

b McLeod, J. Ec. Ent. 39:631-637, 1946.

Roberts, J. Ec. Ent. 39:539, 1946.

Smith & Gouck, J. Ec. Ent. 40:790-795, 1947.

Snapp, J. Ec. Ent. 40:382-385, 1947.

Srivastava & Wilson, J. Ec. Ent. 40:569-570, 1947.

i Telford, J. Ec. Ent. 40:918-921, 1947; 928-930, 1947.

Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:88-89, 1947.

b Walton, J. Ec. Ent. 40:389-395, 1947.

Weinman & Decker, J. Ec. Ent. 40:84-90, 1947.

Weinman et al., J. Ec. Ent. 40:92-97, 1947.

Wilson et al., J. Ec. Ent. 40:101-103, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - TESTS, COMPARATIVE

Jachowski & Schultz, U. S. Navy BUMED News Let. 10(1):20-21, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - THERMAL DECOMPOSITION

b Gunther, J. Ec. Ent. 40:874-877, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - TOXICITY

Haller & Bowen, Agr. Chem. 2(1):17, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - TOXICITY TO ANIMALS

b Furman, J. Ec. Ent. 40:518-521, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - TOXICITY TO ANIMALS--Continued.

Hixson & Muma, Sci. News Let. 52:376, 1947.

Kirk, Vet. Med. 42:103, 1947.

Penrod, Fed. P. 6(1):178, 1947. (Abs.)

INSECTICIDES - BENZENE HEXA-CHLORIDE - TOXICITY TO FISH

Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE - TOXICITY TO INSECTS

Bottger & Levin, J. Ec. Ent. 39:539-541, 1946.

i Brooks & Anderson, J. Ec. Ent. 40:220-228, 1947.

b Chamols, J. Ec. Ent. 40:749-751, 1947.

b Haller, Indus. & Engin. Chem. Indus. Ed. 39:469-470, 1947.

b McGovran & Piquett, J. Ec. Ent. 38:718-719, 1945.

Proverbs & Morrison, Can. J. Res. Sect. D 25:25-26, 32, 44, 1947.

b Savit et al., Soc. Expt. Biol. & Med. P. 62:44-48, 1946.

INSECTICIDES - BENZENE HEXA-CHLORIDE - TOXICITY TO INSECTS - BEES

Annam, USDA EPQ R. f. 1945/46:27.

Eide, J. Ec. Ent. 40:53, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE & PINE OIL

Schwartz et al., U. S. Livestock Sanit. Assoc. R. 50:97-98, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE & PINE OIL & XYLENE

Kemper, USDA FB 980 rev.:5,7-9, 1947.

Kemper et al., N. Amer. Vet. 28:555-558, 672, 1947.

Simms, USDA BAI R. f. 1945/46:44.

INSECTICIDES - BENZENE HEXA-CHLORIDE & PYROPHYLITE (PYRAX)

Roberts, J. Ec. Ent. 40:571-572, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE & SULFUR

Becnel et al., Assoc. South. Agr. Workers P. 44:121, 1947. (Abs.)

INSECTICIDES - BENZENE HEXA-CHLORIDE vs. DDT

Manwaring, Cal. Med. 66:52-53, 1947.

Wilson et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:64, 1946.

INSECTICIDES - BENZENE HEXA-CHLORIDE (GAMMEXANE)

Hammond, Ent. Soc. Ont. R. 77:17, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE (GAMMEXANE) - TOXICITY

Chamlin, Pests 15(5):20, 1947.

INSECTICIDES - BENZENE HEXA-CHLORIDE (GAMTOX)

Woodside, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:22, 1946.

- INSECTICIDES - BENZENE HEXA-CHLORIDE MIXTURES
Kemper et al., N. Amer. Vet. 28:666-668, 672, 1947.
- INSECTICIDES - BENZYL BENZOATE
Andrade, Medicina Rev. Mex. 25 172-173, 1945.
Bishopp, J. Ec. Ent. 39:456, 1946.
Knippling, USDA YB f. 1943/47.634,641.
b Twinn, Sci. Agr. 27.101, 1947.
- INSECTICIDES - BENZYL BENZOATE, see also INSECTICIDES - NBIN FORMULA, INSECTICIDES - DDT & BENZYL BENZOATE
- INSECTICIDES - BENZYL BENZOATE - TOXICITY
b Graham & Kuizenga, J. Pharm. & Expt. Ther. 84 358-362, 1945.
- INSECTICIDES - BENZYL BENZOATE EMULSION
b Molner, Amer. J. Pub. Health 35 1302-1304, 1945.
- INSECTICIDES - BIBLIOGRAPHY
Mallis, Handb. of Pest Control 539-542, 1945.
- INSECTICIDES - BICHLORIDE OF MERCURY, see INSECTICIDES - MERCURIC CHLORIDE
- INSECTICIDES - 2,2-BIS(p-BROMOPHENYL)-1,1,1-TRICHLOROETHANE
Anderson, USDA R. Sec. f. 1947-146
Bishopp, J. Ec. Ent. 39 456, 1946.
b List & Payne Science 105 182-183, 1947.
Trullinger, USDA OES R. f. 1946/47 10.
- INSECTICIDES - 2,2-BIS(p-BROMOPHENYL)-1,1,1-TRICHLOROETHANE - EFFECT ON PLANTS
Fults & Payne, Torrey Bot. Club B. 74:112-114, 1947.
- INSECTICIDES - BIS(p-CHLORO-PHENOXY)METHANE
Jeppson, J. Ec. Ent. 39:813, 1946.
Jeppson, Cal. Agr. 1(8) 3, 1947.
Jeppson, Cal. Citrog. 32:331, 1947.
Jeppson, Cit. Leaves 27(5) 14-15, 1947.
Thompson & Griffiths, Fla. St. Hort Soc. P. 60 87, 1947.
- INSECTICIDES - BIS(p-CHLORO-PHENYL)ACETIC ACID - TOXICITY TO GOATS
Spicer et al., Vet. Med. 42:291-293, 1947.
- INSECTICIDES - 1,1-BIS(p-CHLORO-PHENYL)-2,2,2-FLUOROETHANE - TOXICITY TO ANIMALS
b Kirkwood & Phillips, J. Pharm. & Expt. Ther. 375-381, 1946.
- INSECTICIDES - 2,2-BIS(4-FLUORO-3,5-DINITROPHENYL)-1,1,1-TRICHLOROETHANE
Colorado Iris & Mendizábal G., Rev. Inst. Salub. y Enferm. Trop. Mex. 8: 63-68, 1947.
- INSECTICIDES - 2,2-BIS(p-FLUOROPHENYL) KETONE - PREPARATION
Colorado Iris & Mendizábal G., Rev. Inst. Salub. y Enferm. Trop. Mex. 8: 63-68, 1947.
- INSECTICIDES - 2,2-BIS-(p-FLUOROPHENYL)-1,1,1-TRICHLOROETHANE, see INSECTICIDES - DIFLUOR-DIPHENYL-TRICHLOROETHANE
- INSECTICIDES - 2,2-BIS-(p-TERT-BUTYLPHENYL)-1,1,1-TRICHLOROETHANE
Cristol et al., Amer. Chem. Soc. J. 68:913-914, 1946.
- INSECTICIDES - BISETHYL XANTHOGEN, see INSECTICIDES - K PREPARATION
- INSECTICIDES - BLACK LEAF 40, see INSECTICIDES - NICOTINE SULFATE
- INSECTICIDES - BLACK LEAF 155, see INSECTICIDES - NICOTINE BEN-TONITE
- INSECTICIDES - BLADAN, see INSECTICIDES - HEXAETHYL TETRA-PHOSPHATE
- INSECTICIDES - BORAX (POWDERED)
Reed, Milk Dealer 34(6) 110, 1945.
Reed, South. Dairy Prod. J. 37(3) 74, 1945.
- INSECTICIDES - BORDEAUX MIXTURE
Howard et al., USDA Misc. Pub. 526 rev.:6-8, 1945.
Krone et al., Mich. Ext. B. 4 rev. 36-37, 1945.
Sleesman et al., Ohio Veg. & Potato Grow. Assoc. P. 30.140,142-147, 1945.
- INSECTICIDES - BORDEAUX MIXTURE & CALCIUM ARSENATE
Sleesman et al., Ohio Veg. & Potato Grow. Assoc. P. 30 144-147, 1945.
- INSECTICIDES - CALCIUM ARSENATE
Baker et al., Wash. B. 497 41-43, 1947.
Becnel et al., Assoc. South. Agr. Workers P. 44.121, 1947. (Abs.)
Bohart, Hilgardia 17.295,300-301,303, 1947.
Bondy, Southeast. Cotton Ins. Control Conf. R. P. 1:11-12,16-17, 1947.
Floyd, Assoc. South. Agr. Workers P. 44:125, 1947. (Abs.)
Graham, B. C. Lumberm. 29(4) 118, 1945.
Hervey & Schroeder, J. Ec. Ent. 39 403-404, 1946.
Howard et al., USDA Misc. Pub. 526 rev.:8, 1945.
Jacobs, Chem. & Engin. News 25:2712, 1947.
Lehker, Ind. Ext. B. 239 rev.:9, 1947.
Mote et al., Oreg. Ext. B. 676 3, 1947.
Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30.134, 1945.
Pratt et al., N. Y. (C.) Ext. B. 696-32-33, 1946, rev.:32, 1947.
Quesada, Control de Plagas 9-76, 1947.
Watts, S. C. R. 59:159,163, 1947.
Wildon et al., Mich. Ext. B. 271:45, 1945.
Wilson & Sleesman, Veg. Grow. Assoc. Amer. R. 37.193-206, 1945.

- INSECTICIDES - CALCIUM ARSENATE, see also INSECTICIDES - BOR-DEAUX MIXTURE & CALCIUM ARSENATE; INSECTICIDES - COMPATIBILITY - BENZENE HEXACHLORIDE & CALCIUM ARSENATE
- INSECTICIDES - CALCIUM ARSENATE - ANALYSIS
Markwood et al., Indus. & Engin. Chem. Anal. Ed. 17:570-571, 1945.
- INSECTICIDES - CALCIUM ARSENATE - DOSAGES
Gaines, J. Ec. Ent. 38:300-304, 1945.
- INSECTICIDES - CALCIUM ARSENATE - EFFECT ON PLANTS
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:80-81, 1947.
- INSECTICIDES - CALCIUM ARSENATE - HAZARDS & SAFEGUARDS
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:3, 1947.
- INSECTICIDES - CALCIUM ARSENATE - MARKETING
Vernal, U. S. Dept. Com. Pt. 2,3(57). 1-2, 1945.
- INSECTICIDES - CALCIUM ARSENATE - TOXICITY TO INSECTS - BEES
Eide, J. Ec. Ent. 40:50,52, 1947.
- INSECTICIDES - CALCIUM ARSENATE & CALCIUM CARBONATE
Gaines, J. Ec. Ent. 38:304, 1945.
- INSECTICIDES - CALCIUM ARSENATE & CLAY
Gaines, J. Ec. Ent. 38:303-304, 1945.
- INSECTICIDES - CALCIUM ARSENATE & LIME
Gaines, J. Ec. Ent. 38:300-304, 1945.
Martin, N. J. R. 66:42, 1946.
Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:17-19, 22.
- INSECTICIDES - CALCIUM ARSENATE & MOLASSES
Annand, USDA EPQ R. f. 1944/45:22.
Bondy & Rainwater, S. C. R. 58:101-102, 1946.
Jones, S. C. Dept. Agr. YB f. 1944/45 65; f. 1945/46:67.
- INSECTICIDES - CALCIUM ARSENATE & NICOTINE
Annand, USDA EPQ R. f. 1944/45:21, f. 1945/46:12-13.
Beckel et al., Assoc. South. Agr. Workers P. 44:121, 1947. (Abs.)
- INSECTICIDES - CALCIUM ARSENATE & SULFUR
Gaines, J. Ec. Ent. 38:300-304, 1945.
- INSECTICIDES - CALCIUM CYANIDE
Howard et al., USDA Misc. Pub. 526 rev.:8-9, 1945.
- INSECTICIDES - CALCIUM CYANIDE & LINSEED OIL (RAW)
Petch, Can. Dept. Agr. Div. Ent. Processed Pub. 57:2-3, 1946.
- INSECTICIDES - CALCIUM SULFIDE
Quesada, Control de Plagas 9:90, 1947.
- INSECTICIDES - CALOMEL, see INSECTICIDES - MERCURIUS CHLORIDE
- INSECTICIDES - CAMPHENE, CHLORINATED
Annand, USDA EPQ R. f. 1946/47:4-10,13-14,17-21.
Gardiner, Can. Min. Agr. R. f. 1946/47:85.
Griffiths et al., Fla. St. Hort. Soc. P. 60:81-86, 1947.
Langford, Arbor. News 12:35, 1947.
Mimms & Zaumeyer, USDA FB 1996 40, 1947.
USDA EPQ, USDA Consum. Guide 13 (7):4, 1947.
- INSECTICIDES - CAMPHENE, CHLORINATED, see also INSECTICIDES - TOXAPHENE
- INSECTICIDES - CAMPHENE, CHLORINATED - ANALYSIS
Haller, Agr. Chem. 2(9):26-27,73, 1946.
- INSECTICIDES - CAMPHENE, CHLORINATED - DETERMINATION
Wichmann, Assoc. Off. Agr. Chem. J. 30 454-455, 1947.
- INSECTICIDES - CAMPHENE, CHLORINATED - HAZARDS & SAFEGUARDS
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:5, 1947.
- INSECTICIDES - CAMPHENE, CHLORINATED - LABELS
Lemmon, Agr. Chem. 2(6) 31, 1947.
- INSECTICIDES - CAMPHENE, CHLORINATED - TESTS
Annand, USDA EPQ R. f. 1945/46:13-14.
b Stearns, Soap & Sanit. Chem. 23(1) 117-119,141, 1947.
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:89-90, 1947.
- INSECTICIDES - CARBON DISULFIDE
Howard et al., USDA Misc. Pub. 526 rev.:9-10, 1945.
- INSECTICIDES - CHAULMOOGRA OIL
Gonzales Alvarez, Vet. Med. 42:414-417, 1947.
- INSECTICIDES - CHEMISTRY - RELATION TO TOXICITY
Frear & Seiferle, J. Ec. Ent. 40:736-741, 1947.
- INSECTICIDES - CHEMISTRY, COLLOID
b Nelson & Smith, Colloid Chem. 6 268-273, 1946.
- INSECTICIDES - CHLORDANE
Annand, USDA EPQ R. f. 1946/47:4,6-9,12,14,17-21.
Chandler, Ill. Fruit Exch. News 11(8) 3, 1947.
Cory, Amer. Nurseryman. 85(7):9, 1947.
Douglas et al., Rocky Mountain Conf. Ent. R. 18:11-12, 1947.
Franklin, Mass. B. 441:28, 1947.
Gould, Ind. Acad. Sci. P. 56:162, 1947?
Griffiths et al., Fla. St. Hort. Soc. P. 60:81-86, 1947.
Jefferson, Natl. Shade Tree Conf. P. 23:382, 1947.
Kearns, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:19, 1947.
Kelsheimer, Fla. St. Hort. Soc. P. 60. 123, 1947.

INSECTICIDES - CHLORDANE--Continued.

- Knipling, Soap & Sanit. Chem. 23(7) 127,129, 1947.
 Lange, Agr. Chem. 2(9):69, 1947.
 Lange, Cal. Agr. 1(12):3, 1947.
 Langford, Arbor. News 12:35, 1947.
 List & Hoerner, J. Ec. Ent. 40 138, 1947.
 McDaniel, Gladiolus Mag. 11(3) 15, 1947.
 b MacPherson, Can. J. Compar. Med. 11:110,112, 1947.
 Mail, Chem. Indus. 60:219-220, 1947.
 Metcalf, Cal. Agr. 1(10) 2, 1947.
 Mimms & Zaumeyer, USDA FB 1996 40, 1947.
 Price, Ky. Ext. C. 435 4,7, 1947.
 Schmitt, Pests 15(10):50,52, 1947.
 Stanley, Tenn. St. Hort. Soc. P. 40-94, 1946
 Trullinger et al., USDA OES R. f. 1945/46 114, 1947.
 b Twinn, Sci. Agr. 27 100, 1947.
 Watkins, N. Y. (C.) R. 58:116, 1946.
 Weinman, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 77, 1947.
 Weinman & Decker, Ill. St. Hort. Soc. Trans. 80:176-179, 1947.
 Wolfenbarger, Fla. St. Hort. Soc. P. 60 167,169, 1947.
 USDA EPQ, USDA Consum Guide 13 (7) 4, 1947.
INSECTICIDES - CHLORDANE - ANALYSIS
 Haller, Agr. Chem. 2(9):26-27,73, 1947.
INSECTICIDES - CHLORDANE - DETERMINATION
 Wichmann, Assoc. Off. Agr. Chem. J. 30 454, 1947.
INSECTICIDES - CHLORDANE - LABELS
 Lemmon, Agr. Chem. 2(6):31, 1947.
INSECTICIDES - CHLORDANE - TESTS
 Annand, USDA EPQ R. f. 1945/46 13.
 Bishopp, Agr. Chem. 1(6):22,39, 1946.
 b Gaines, J. Ec. Ent. 40:896-899, 1947.
 b Kearns et al., J. Ec. Ent. 38:661-668, 1945.
 b Kulash, J. Ec. Ent. 40:644,646,648-650, 1947; Erratum, 40:895, 1947.
 Telford, J. Ec. Ent. 40:928-930, 1947.
 Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:89, 1947.
 b Walton, J. Ec. Ent. 40:389-395, 1947.
 Weinman & Decker, J. Ec. Ent. 40:84-90, 1947.
INSECTICIDES - CHLORDANE (DOW-KLOR)
 i Plummer, Dow Diamond 10(4):1-3, 1947.
INSECTICIDES - CHLORDANE (OCTA-KLOR)
 Blackaller Valdes, Chapingo No. 18: 17-19, 1947.
 Compton, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:19, 1947.
 Hyman, Chemurgic Digest 6:93, 1947.

INSECTICIDES - CHLORDANE (OCTA-KLOR)--Continued.

- Hyman, Julius & Co., Tech. Sup. 1, 14 p., 2,15 p., 201,4 p., 202,4 p., 203,4 p., 204,4 p.; 205,4 p., 1947.
INSECTICIDES - CHLORDANE (VELSICOL 1068)
 Apple, Ill. Veg. Grow. B. 6(3):5, 1946.
 Brett & Rhoades, J. Ec. Ent. 39:663-664, 1946.
 Clark & Hoveland, Wis. B. 472 9-10, 17,19, 1947.
 Compton, Can. Flor. 41:339, 1946.
 Connaughton, USDA FS South. For. Expt. Sta. R. 26:60-61, 1946.
 Creighton, Fla. St. Hort. Soc. P. 60 213, 1947.
 Creighton, Natl. Shade Tree Conf. P. 23:106-110, 1947.
 Davis, Pests 14(6):12, 1946.
 DeAtley, Natl. Farm Chemurg. Council, Chemurg. Papers 606 5-6, 1946.
 DeAtley, Pests 15(1) 36, 1947.
 Decker, Natl. Butter & Cheese J. 38 (5):48, 1947.
 Dent, Farmacéutico 23(1):148,150, 1947.
 Eddy & Bushland, U. S. Navy BUMED News Let. 9(2):7-8, 1947.
 Egloff, Chemurg. Digest 5:243, 1946.
 Floyd, Assoc. South. Agr. Workers P. 44:125, 1947. (Abs.)
 Gardiner, Can. Min. Agr. R. f. 1946/47-85,99.
 Garman, Conn. Pom. Soc. R. 56:23-24, 1947.
 Gould, Ind. R. 59 65, 1946.
 Granovsky, Minn. Hort. 75 37, 1947.
 Harnden, Pests 15(3) 16,18, 1947.
 Hinman & Cowan, USDA EPQ E-722. 5-9,19-21, 1947.
 Hixson, Neb. Ext. C. 1507 rev.3-4, 1947.
 Kearns, Sci. News Let. 49:71, 1946.
 Knipling, USDA YB f. 1943/47:641-642
 b Knipling, Pests 15(2):10,12, 1947.
 Severin, S. Dak. R. 60:15-17, 1947.
 Smith, Control de Plagas 9:104, 1947.
 Stetson, Food Packer 28(5):74, 1947.
 Wallace, Utah Gard., Aug. 1947:17-19.
 Webster, Better Fruit 41(11):30, 1947.
 Weihing & Hoerner, Amer. Soc. Agron J. 39:346-348, 1947.
 Wingo et al., Mo. St. Hort. Soc. Hort. News 5(11):1-2, 1946.
 Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540:15, 1947.
 U. S. Pub. Health Serv. Pan Amer. Union B. Ofic. Sanit. 26:775, 1947.
INSECTICIDES - CHLORDANE (VELSICOL 1068), see also INSECTICIDES - DDT vs. CHLORDANE (VELSICOL 1068)
INSECTICIDES - CHLORDANE (VELSICOL 1068) - TOXICITY TO ANIMALS
 Ingle, J. Ec. Ent. 40 264-268, 1947.
INSECTICIDES - CHLORDANE (VELSICOL 1068) - TOXICITY TO FISH
 Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.

- INSECTICIDES - CHLORDANE (VELSICOL 1068) - TOXICITY TO INSECTS - BEES**
 Elide, J. Ec. Ent. 40:51,53-54, 1947.
- INSECTICIDES - CHLORDANE MIXTURES**
 Weinman et al., J. Ec. Ent. 40:91-97, 1947.
- INSECTICIDES - p-CHLORO- -DICHLO-ROACETOPHENONE - TOXICITY TO INSECTS**
 Proverbs & Morrison, Can. J. Res. Sect. D 25:25,31-32,43, 1947.
- INSECTICIDES - p-CHLORO- -TRI-CHLORACETOPHENONE - TOXICITY TO INSECTS**
 Proverbs & Morrison, Can. J. Res. Sect. D 25:25,31-32,42-43, 1947.
- INSECTICIDES - CHLOROMETHYL PHENYL SULFONE**
 Bishopp, J. Ec. Ent. 39:456, 1946.
- INSECTICIDES - CHLOROMETHYL p-CHLOROPHENYL SULFONE (LAUSETO-NEU)**
 Bishopp, J. Ec. Ent. 39:456, 1946.
 Dent, Farmacéutico 23(1):144, 1947.
 Knippling, USDA YB f. 1943/47:642.
- INSECTICIDES - CHLOROPHENOXATHIIN, *see* INSECTICIDES - SMEARS - CHLOROPHENOXATHIIN**
- INSECTICIDES - CLASSIFICATION**
 Frear et al., Science 104:177-178, 1946.
- INSECTICIDES - COAL TAR PRODUCTS**
 Marcovitch & Stanley, Tenn. R. 57:77-78, [1945].
- INSECTICIDES - COLD**
 Simmons, Pest Control & Sanit. 2(7): 25,27, 1947.
- INSECTICIDES - COLOR**
 Hermann, Soap & Sanit. Chem. 22(2): 137,139, 1946.
- INSECTICIDES - COLORADO 9, *see* INSECTICIDES - 2,2-BIS(p-BROMOPHENYL) 1,1,1-TRICHLOROETHANE**
- INSECTICIDES - COMMERCIAL PRODUCTS**
 Cathcart & Willis, N. J. Insp. Ser. 20, 11 p., 1945.
 1 Dent, Farmacéutico 23(1):82-83,144, 148,150, 1947.
 1 Jacobs, Chem. & Engin. News 25: 2712-2713, 1947.
 McDonald & Fraps, Tex. C. 108,15 p., 1945.
 McDonald & Fudge, Tex. C. 112,13 p., 1946; 118,11 p., 1947.
 Osorio, Control de Plagas 8 [i.e. 7]: 53-54, 1945.
 Randle et al., N. J. Insp. Ser. 25,11 p., 1947.
 Shaw et al., Wash. St. Dept. Agr. Ec. Poisons B. 6,3 p.; 7,6 p., 1945; 8, 3 p.; 9,6 p., 1946.
 Md. Univ. Control. Ser. 194,57 p., 1945; 198,76 p., 1946; 202,82 p., 1947.
- INSECTICIDES - COMPATIBILITY**
 Creighton, Natl. Shade Tree Conf. P. 23:108,113, 1947.
- INSECTICIDES - COMPATIBILITY - Continued.**
 Garman, Conn. Pom. Soc. R. 56:22-25, 1947.
 Newcomer, Wash. St. Hort. Assoc. P. 43:21-23, 1947.
 Sorenson et al., Utah Ext. N. S. C. 127 rev.:7, 1945.
 Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:51-52, 1947.
 Thompson, Ont. Crop Impr. Assoc. Potato Sect. Addresses & P. f. 1946: 69.
 Whitcomb, Natl. Shade Tree Conf. P. 22:138-143, 1946.
 Woglum, Cal. Fruit Grow. Exch. Pest Control C. Subject Ser. 3,8 p., 1945.
 Ind. Ext. Leaflet 269:2-3, 1945.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:3-5,7-8, 1947.
- INSECTICIDES - COMPATIBILITY - BENZENE HEXACHLORIDE & CALCIUM ARSENATE**
 Becnel et al., Assoc. South. Agr. Workers P. 44:121, 1947. (Abs.)
 Bondy & Rainwater, S. C. R. 59:110, 112-113, 1947.
 Ewing et al., Assoc. South. Agr. Workers P. 44.125, 1947. (Abs.)
 Ewing et al., J. Ec. Ent. 40:380-381, 1947.
 Rainwater & Bondy, Assoc. South. Agr. Workers P. 44:130, 1947. (Abs.)
 Rainwater & Bondy, J. Ec. Ent. 40:371,373, 1947.
- INSECTICIDES - COMPATIBILITY - BENZENE HEXACHLORIDE & COPPER ARSENATE (BASIC)**
 Rainwater & Bondy, Assoc. South. Agr. Workers P. 44:130, 1947. (Abs.)
- INSECTICIDES - COMPATIBILITY - BENZENE HEXACHLORIDE & FUNGICIDES**
 Connaughton, USDA FS South. For. Expt. Sta. R. 27:65, 1947.
- INSECTICIDES - COMPATIBILITY - BORDEAUX MIXTURE**
 Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:82.
- INSECTICIDES - COMPATIBILITY - CARBON TETRACHLORIDE MIXTURES**
 Patel, Cornell Univ. Abs. Theses f. 1945:148-151, 1946.
- INSECTICIDES - COMPATIBILITY - DDT**
 Brann, N. Y. St. Hort. Soc. P. 92:175, 1947.
- INSECTICIDES - COMPATIBILITY - DDT & BORDEAUX MIXTURE**
 Chapman & Allen, Wis. B. 469:38-39, 1946.
- INSECTICIDES - COMPATIBILITY - DDT & FUNGICIDES**
 Connaughton, USDA FS South. For. Expt. Sta. R. 27:65, 1947.
 Hanner, J. Ec. Ent. 40:574-575, 1947.
 Heuberger & Manns, Del. B. 263:41-42, 1947.
 Hough & Groves, Va. R. f. 1946/47:31.

INSECTICIDES - COMPATIBILITY - FUNGICIDES

Manns et al., Peninsula Hort. Soc. Trans. 60:85-89, 1947.
Powell, Ill. St. Hort. Soc. Trans. 80 122-130, 1947.

INSECTICIDES - COMPATIBILITY - LEAD ARSENATE & CRYOLITE

Marcovitch, Amer. Fruit Grow. 67(8). 24, 41, 1947.

INSECTICIDES - COMPATIBILITY - PARATHION

O'Neill, Wash. St. Hort. Assoc. P. 43 15, 1947.

INSECTICIDES - COMPATIBILITY - ROTENONE

Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 87, 1947.

INSECTICIDES - COMPATIBILITY - XANTHONE & FERMATE

Hough & Groves, Va. R. f. 1946/47 31.

INSECTICIDES - CONTACT

Mail, Chem. Indus. 60.219, 1947.

INSECTICIDES - CONTAINERS

Howland, Better Homes & Gard. 24 (7) 106, 109, 1946.

INSECTICIDES - COPPER - SUPPLIES

Rodda, Chem. Indus. 56.407, 1945.

INSECTICIDES - COPPER A COMPOUND

Sleesman et al., Amer. Potato J. 22 243-250, 1945.

INSECTICIDES - COPPER ARSENATE (BASIC)

Allen & Early, S. C. R. 59:121-122, 125, 1947.

Annand, USDA EPQ R. f. 1944/45 20-21.

Hoerner, West. Colo. Hort. Soc. Trans. f. 1945.103, 105-106, 1946.

Rainwater & Bondy, Assoc. South. Agr. Workers P. 44:130, 1947. (Abs.)

Trullinger et al., USDA OES R. f. 1945/46-106, 1947.

INSECTICIDES - COPPER ARSENATE (STANDARD)

Annand, USDA EPQ R. f. 1944/45-20.

INSECTICIDES - COPPER HYDROARSENATE - TOXICITY

Jardine et al., USDA OES R. f. 1944/45:57, 1946.

INSECTICIDES - COPPER HYDROARSENATE - ARSENITE - TOXICITY

Jardine et al., USDA OES R. f. 1944/45:57, 1946.

INSECTICIDES - COPPER OXYCHLORIDE-SULFATE

Sleesman et al., Amer. Potato J. 22: 243-250, 1945.

Sleesman et al., Ohio Veg. & Potato Grow. Assoc. P. 30:140-146, 1945.

INSECTICIDES - COPPER SULFATE

Concannon, U. S. Bur. Foreign & Dom. Com. Indus. R. Chem. & Allied Prod., Mar. 1946:30-31.

INSECTICIDES - CORROSIVE SUBIMATE, see INSECTICIDES - MERCURIC CHLORIDE

INSECTICIDES - COSTS

Allen, S. C. R. 58:111, 1946.

Bigger, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:22, 1947.

INSECTICIDES - COSTS--Continued.

Clark & Hoveland, Wis. B. 472:19, 1947.

Green, Control de Plagas 9.4, 1947.

Kuhlman & Mumford, Oreg. C. Inform. 395:2, 1946.

Roark & McIndoo, USDA EPQ E-728-29, 1947.

Rohrer, Agr. Chem. 1(1):26, 1946.

INSECTICIDES - COTTONSEED OIL, see INSECTICIDES - KEROSENE & COTTONSEED OIL, INSECTICIDES - PINE TAR & COTTON-SEED OIL

INSECTICIDES - CRYOLITE

Annand, USDA EPQ R. f. 1944/45.20.

Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:11-13, 1945.

Batchelor et al., Cal. C. 364:25, 1945.

Bissell & Dupree, Ga. B. 254:3, 1947.

Boyce & Ortega, Cal. Citrog. 32.319, 1947.

Boyce & Ortega, Cit. Leaves 27(4):7, 1947.

Brannon, J. Ec. Ent. 38.400, 408, 1945.

Brunton, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19.47-48, 1945.

Bruntton, Agr. Chem. 2(2):26-28, 64, 1947.

Conner & Kulash, N. C. Ext. C. 299.4, 6, 8, 1947.

Dent, Farmacéutico 23(1).148, 1947.

Doner, Agr. Chem. 2(8):19-20, 1947.

Dugas & Conciene, Assoc. South. Agr. Workers P. 44.123-124, 1947. (Abs.)

English, Ala. R. 54/55:28, 1946.

Enzie & Eyer, N. Mex. B. 342:30, 1947.

Floyd, Assoc. South. Agr. Workers P. 44.125, 1947. (Abs.)

Floyd, La. R. f. 1945/46.55-56, 1947.

Gardiner, Can. Min. Agr. R. f. 1945/46:69.

Garner, Prod. of Tob.:284, 1946.

Hoerner, West. Colo. Hort. Soc. Trans f. 1945 103, 105-106, 1946.

Holdaway, Hawaiian Acad. Sci. P. 17/18.25, 1945. (Abs.)

Howard et al., USDA Misc. Pub. 526 rev.:11, 1945.

Howland, Better Homes & Gard. 25(4): 136, 1946.

Jardine et al., USDA OES R. f. 1943/44 53, 1945.

Kelsheimer, Fla. Grow. 74(1):4, 1946.

Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:7, 1945.

Lincoln, Ark. Ext. C. 438-12-13, 1945.

Mimms & Zaumeyer, USDA FB 1996 38-39, 1947.

Mote et al., Oreg. Ext. B. 676.3, 1947.

Neiswander, Ohio B. 665:32, 1946.

Nettles et al., S. C. Ext. B. 109:26, 30, 35, 1947.

Pepper, N. J. C. 495:10, 11, 1945.

Pratt et al., N. Y. (C.) Ext. B. 696 rev.:33, 1947.

Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:101, 1947.

- INSECTICIDES - CRYOLITE--Continued.
Stanley & Marcovitch, Tenn. C. 97,
4 p., 1947.
Trullinger et al., USDA OES R. f.
1945/46:106,109, 1947.
Vorhies & Wehrle, Ariz. B. 203:13-14,
20,25, 1946.
Watts, S. C. R. 59:158-160,163, 1947.
Wilkinson, Conn. Veg. Grow. Assoc. P.
34:25, 1946.
Tob. Ins. Conf. Recom. Com. Recom.
Control Tob. Ins. f. 1948; Flue-
Cured Tob.:1-5; Cigar Tob.:1; Bur-
ley & Dark Fire-Cured Tob.:1,3,
1947.
Va. Ext. B. 97 rev.:43, 1947.
INSECTICIDES - CRYOLITE, see also
INSECTICIDES - LEAD ARSE-
NATE - DETOXICANTS - CRYO-
LITE
INSECTICIDES - CRYOLITE - COM-
PATIBILITY WITH FUNGICIDES
Weney & Rawlins, Control de Plagas
8.86-88, 1946.
INSECTICIDES - CRYOLITE - DETOXI-
CANT FOR LEAD ARSENATE
bi Marcovitch, J. Indus. Hyg. & Toxi-
col. 29:175-177, 1947.
INSECTICIDES - CRYOLITE - EFFECT
OF SUB-LETHAL DOSES
Wene, Ohio J. Sci. 47 117-118, 1947
INSECTICIDES - CRYOLITE - TOXICITY
TO ANIMALS
Brunton, Agr. Chem. 2(2) 27-28, 1947.
INSECTICIDES - CRYOLITE & DINITRO
COMPOUNDS
Boyce & Ortega, Cal. Citrog. 32:319,
1947.
INSECTICIDES - CRYOLITE & SULFUR
Price, Ky. Ext. C. 435 3, 1947.
INSECTICIDES - CRYOLITE & 2,4-D
Dugas & Conclienne, Assoc. South. Agr.
Workers P. 44 123, 1947. (Abs.)
INSECTICIDES - CRYOLITE (ALORCO)
Neiswander, Ohio Veg. & Potato Grow.
Assoc. P. 30:134-139, 1945.
INSECTICIDES - CRYOLITE (CRUDE)
Jardine et al., USDA OES R. f.
1943/44 53, 1945.
INSECTICIDES - CRYOLITE (KRYOCIDE)
Dominick, Va. B. 406.9-14,19, 1947.
Osorio, Control de Plagas 8 [i.e. 7].
63, 1945.
INSECTICIDES - CRYOLITE (KRYO-
CIDE) - EFFECT ON PLANTS
Wilson & Slesman, Ohio Veg. & Po-
tato Grow. Assoc. P. 32:80-81, 1947.
INSECTICIDES - CRYOLITE (SYN-
THETIC)
Carlson et al., Wash. B. 470:144-145,
1945.
INSECTICIDES - CRYOLITE (SYN-
THETIC) - TOXICITY TO IN-
SECTS - BEES
Eide, J. Ec. Ent. 40:50,52, 1947.
INSECTICIDES - CUBE
Baker et al., Wash. B. 497:41,47-51,
1947.
Huckett, J. Ec. Ent. 39:184-188, 1946.
Huckett, N. Y. (G.) R. 65:20, 1947.
Neiswander, Ohio Veg. & Potato Grow.
Assoc. P. 31:120, 1946.
INSECTICIDES - CUBE - TRANSLOCA-
TION IN PLANTS
Baker et al., Wash. B. 497.53-55,
1947.
INSECTICIDES - CUPREX
U. S. Army Med. Dept. Bul. 7:1050,
1947.
INSECTICIDES - CUPRIC DINICOTI-
NAMMINO FUMARATE DECA-
HYDRATE
Dills, Pa. R. 480:57, 1946.
INSECTICIDES - CYANIDE, see INSEC-
TICIDES - CALCIUM CYANIDE,
INSECTICIDES - SODIUM CYA-
NIDE
INSECTICIDES - CYANOOGAS, see INSEC-
TICIDES - CALCIUM CYANIDE
INSECTICIDES - DDD, see INSECTI-
CIDES - DICHLORO-DIPHENYL-
DICHLOROETHANE
INSECTICIDES - DDT
Adams, Flower Grow. 33 281, 1946.
Albaugh, West. Dairy J. 3(27) 19,76,
1947.
1 Albee, DuPont Mag. 40(4) 2-5,24,
1946.
Alicata, Hawaii R. f. 1944/46.99, 1947.
Allen, S. C. R. 58 108-113, 1946.
1 Allen & Early, S. C. R. 59 119-127,
1947.
1 Ames, Macdonald Col. J. 6(2) 4,18,
1945.
Anderson, USDA R. Sec. f. 1947 138-
139,141,146-147.
Annand, USDA EPQ R. f. 1943/44:2,4-
9,11-14,16-23,26-28,34. f. 1944/45
41; f. 1945/46 1-12. f. 1946/47.4-
23,27-28,33,35,38-39,43,45-46,49,57,
59,64.
Annand, New Internatl. YB 1944 294-
295, 1945.
Apple, Ill. Veg. Grow. B. 6(1):4-5,
(2) 3-4,9, 1946, 7(2):4-5, 1947.
Back, USDA Leaf. 147 rev.:6-7, 1946.
Baker, USDA YB f. 1943/47:651-653.
Balch & Reeks, N. B. Dept. Lands &
Mines R. 108:110, 1945; 109:125,
1946; 110:65, 1947.
Barrus & Leiby, N. Y. (C.) Ext. B.
518, rev.:15, 1945.
Baver, N. C. R. 69:2-23,73, 1946.
Becnal et al., La. R. f. 1945/46,52,
1947.
Benjamin, Agr. Chem. 1(7):31-32,62,
1946.
Bice, Hawaii Ext. B. 86 rev.:2-3, 1947.
Bigger, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:21-22, 1947.
Binkley, Colo. Farm Bul. 7(1):14,1945.
Bird, West. Can. Soc. Hort. P. 3:15-
16, 1947.
b Blshopp, N. Y. Acad. Med. B. 21:
561-580, 1945.
Blshopp, Sci. News Let. 48:165, 1945.
Blshopp, Soap & Sanit. Chem. 21:109-
111, 1945.
Blshopp, Amer. J. Pub. Health 35:373-
378, 1945; 36:593-606, 1946.
Blshopp, Canner 102(10):13-14,18,
1946.
Blshopp, Engin. News-Rec. 136,p.868,
1946.

INSECTICIDES - DDT--Continued.

- Bishopp, Food Pack. 27.103-104, 106, 1946.
 b Bishopp, Pests 14(8).14,16,18,20,22, 24,28, 1946.
 Bishopp, USDA Leaf. 152 rev.2,4, 1946.
 Bishopp, Dairy Farm. Digest 9 179, 1947.
 Bishopp & Stage, N. J. Mosq. Exterm. Assoc. P. 34 24-28, 1947.
 Bishopp et al., USDA EPQ E-454.3-4, 1946.
 Bissell & Dupree, Ga. B. 254 3, 1947.
 b Blackaller, Fitófilo 4 257-262, 1945.
 Blasberg, Vt. Ext. C. 109 rev. 29-30, 1946.
 Blauvelt, N. Y. (C.) Ext. Facts for Flor. Sept.1945 1.
 Blauvelt, N. Y. St. Flower Grow. B. 2 4-5, 1945.
 Blauvelt, South. Flor. 58(31) 38, 1945.
 Borden, Cal. C. 365 72-76, 1946.
 Bourne, Mass. Ext. Fruit Notes Sept. 28, 1945 3
 Bourne, Mass. Ext. Com. Veg. Grow. Apr. 5, 1946 7-8.
 Bourne, Mass. B. 436 38-39, 1946, 441 35-37, 1947.
 Bowser, Mich. Quart. B. 28 194-200, 1946.
 Boyce, Cal. Avocado Soc. YB f 1946 84-85.
 Boyce, Cal. Citrog. 31 184-185, 1946
 Boyce & Ewart, Cit. Leaves 26(3) 7, 1946.
 Boyd, Prev. Med. ed. 7 275, 1945.
 Brann, N. Y. St. Hort. Soc. P. 92 172-179, 1947.
 Braucher, Diamond Walnut News 28(2) 13, 1946.
 Breakey, Wash. B. 470.124, 1945
 Brett & Fenton, South. Dairy Prod. J. 40(1) 62-63, 1946.
 Bromley, Horticulture 23 132, 1945, 24 61, 1946.
 Bromley, Wis. Hort. 36 191, 1946.
 Bromley, N. Y. Ent. Soc. J. 55 207-208, 1947.
 Bronson et al., Maine B. 442.136-138, 183-186, 1946.
 Bruce, West. Colo. Hort. Soc. Trans. f. 1946.145,147, 1947.
 Bullock, Pract. Farm. f. So. ed. 2 504-508, 1946.
 Burgess, Ariz. R. 57 45, 1947.
 Bush, U. S. Off. Sci. Res. & Develop. Science...Rpt. to Pres. 46-47, 1945.
 i Carruth, N. Y. (G.) Farm Res. 13(3) 8-9, 1947.
 Cartwright, S. C. R. 57-60, 1945.
 Chabot, Flower Grow. 34:42, 1947.
 Chambers, Wis. Hort. 35:148, 1945; 36:148-149, 1946; 37:238-239, 1947.
 Chambers, Wis. Conserv. Bul. 40(6). 14-15, 1946.
 Chandler, Ill. Fruit Exch. News 11(8). 3, 1947.
 Chapman, Rur. N. Y. 104:128-129, 1945.
 Childs et al., Oreg. Ext. B. 664:9, 1946.

INSECTICIDES - DDT--Continued.

- Christie, Ont. Agr. Col. & Expt. Farm R. 70:65-66, 1945.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.14,18-20,22,27,32,34,37,46,49-50,56,59-60,71,75,77-78,88-89, 1947.
 Clapp, U. S. TVA R. 12:55, 1945. 13. 20, 1946.
 Clark & Hoveland, Wis. B. 466.2-5,17, 19-21,56-57, 1945. 472.8-10,14.16-19,23-24,36-37,58-59, 1947.
 Cockerham et al., La. R. f. 1944/45: 125-126, 1946, 1945/46 112-113, 1947.
 Colton, Natl. Geog. Mag. 88.408-410, 1945.
 Compton, Can. Flor. 41 339, 1946.
 Compton, Flor. Rev. 97(2520):37, 1946
 Concannon, U. S. Bur. Foreign & Dom. Com. Indus. R. Chem. & Allied Prod. Mar.1946 34-35.
 Conklin, N. H. Hort. Soc. J. 8:84-85, 1945, 9 48-51, 1946, 10 59-60, 1947.
 Connaughton, USDA FS South. For. Expt. Sta. R. 26 61, 1946, 27 25-26, 62-65, 1947.
 Conner, N. C. Ext. C. 291,11 p., 1946, 291 rev.,11 p., 1947.
 Corway & Fluke, Cheese Rptr. 69(52) 3, 1945.
 Cooper, Ky. R. 58 48, 1946. 59 36-37, 45,47,54, 1947.
 Cory, Md. Agr. Soc. R. 30 174-175, 1946.
 Corv, Amer. Nurserym. 85(7) 9, 1947.
 Cowser et al., Miss. Farm Res. 8(12) 1-2, 1945.
 Cox, Cal. Dept. Agr. B. 33 317, 1945.
 b Creighton, Fla. St. Hort. Soc. P. 58. 145-156, 1945.
 b Creighton, Cit. Indus. 27(1) 5-9,16-17, 1946.
 Creighton, Natl. Shade Tree Conf. P. 23.110-111, 1947.
 b Cruz Monclova, D.D.T. Insectic., 95 p., 1946.
 i Curran, Nat. Hist. 54 401-405,432, 1945.
 Curran, Pop. Sci. Monthly 148(2) 71-74, 1946.
 Daggy, Minn. Farm & Home Sci. 3(3) 6-7,10, 1946.
 i Daggy, Minn. Hort. 74.67-68, 1946
 i Daggy et al., Minn. Ext. B. 252,16 p., 1946.
 Darrah, Northeast. Poultrym. 44(9) 17-18, 1945.
 Daviault, For. Québécoise 9:14-15,191, 1945.
 Davis, Grain & Feed J. Consol. 94 233, 1945.
 Davis, Pests 13(1).14, 1945. 14(6).10, 1946.
 Dean, Hoosier Hort. 29.90-92, 1947.
 Dean, N. Y. (G.) Farm Res. 13(2) 2, 1947.
 Dean, N. Y. St. Hort. Soc. P. 92.180-184, 1947.
 Dean & Chapman, N. Y. (G.) B. 716 36, 39, 1946.
 DeAtley, Natl. Farm Chemurg. Council, Chemurg. Papers 606:2-4, 1946.

INSECTICIDES - DDT--Continued.

- DeAtley, Pests 15(1):32,34,36, 1947.
 Decker, Ill. Hort. 34(4):7-8, 1945.
 Decker, Golfdom 20(3):22,65, 1946.
 Decker, Agr. Chem. 2(7):20,22,24, 1947.
 Decker, Natl. Butter & Cheese J. 38 (5):45-46,48, 1947.
 Decker & Weinman, Ill. Ext. C. 603, 8 p., 1946.
 i DeLong, Horticulture 25:478-479, 1947.
 Denlinger, Complete Dachshund:170-173, 1947.
 DeOng, Drug & All. Indus. 33(7):12, 1947.
 Dewey, N. Y. St. Hort. Soc. P. 91:77-82, 1946.
 Dimock & Westerfield, Blood-Horse 45-917,941, 1946.
 Ditman, Food Packer 27(7):70,72, 1946.
 Doehlert, Amer. Cranb. Grow. Assoc. Ann. Mtg. P. 75:22-23, 1945.
 Dominick, Va. B. 406:6-14,17-19, 1947.
 Doner, Agr. Chem. 2(8):18, 1947.
 Dorman, Miss. R. 58:24, 1946?
 Douglass et al., Rocky Mountain Conf. Ent. R. 18:11-12, 1947.
 Dove, USDA EPQ E-873,14 p., 1945.
 Dove, Pests 13(2):13-14, 1945; 14(2). 8-12,14, 1946.
 Drake, Iowa Dept. Agr. 47:150-157, 1947.
 Drake et al., Iowa R. f. 1946/47 pt. 1. 200-201.
 i Ducas, House Beautiful 87(12) 122-124, 1945.
 Dugas & Conciene, Assoc. South. Agr. Workers P. 44:123-124, 1947. (Abs.)
 Dunbar, U. S. Food & Drug Adm. Ann. R. f. 1944/45:6.
 Duncan, Quebec Min. Agr. R. f. 1945/46:29, 1947.
 Dunham, Hygeia 23:903, 1945.
 Durham, Pests 14(7):38, 1946.
 Dustan, Can. Dept. Agr. Div. Ent. Processed Pub. 41,4 p.; 47,3 p., 1946; 69:2,5, 1947.
 Ebeling, Cit. Leaves 25(11):11, 1945.
 Ebeling, Cal. Cit. Expt. Sta. News Let. 23,3 p., 1945; 27,4 p., 1946.
 Ebeling, Cal. Avocado Soc. YB f. 1946: 87.
 Ebeling, Cal. Ext. C. 43 rev.:49,52, 1947.
 Egloff, Chemurg. Digest 5:243, 1946.
 England, Hawaii Farm & Home 8(7): 24, 1945.
 English, Ala. R. 54/55:28, 1946.
 Enzie & Eyer, N. Mex. B. 342:30, 1947.
 Essig, Pests 13(4):8,10, 1945.
 Essig, Cal. Hort. Soc. J. 7:408-413, 1946.
 Essig, Golden Gard. 11:307,315-316, 1946.
 Ewart, Cal. Cit. Expt. Sta. News Let. 28,3 p.; 29,1 p., 1946.
 Ewart, Cit. Leaves 26(7):26-28, 1946.
 Ewart & DeBach, Cal. Cit. Expt. Sta. News Let. 30,4 p.; Cit. Leaves 27(3): 8,35, 1947.

INSECTICIDES - DDT--Continued.

- Fairchild & Fairchild, Cats:122-123, 1947.
 Farrar, Arbor. News 11:43-44, 1946.
 Farrar & Decker, Flor. Rev. 9(2500): 43, 1945.
 Farrington, Free Amer. 9(3):13, 1945.
 Feiner, Internatl. Confect. 55(9):52, 54, 1945.
 Feiner & Resnick, Ladies' Home J. 63(6):176-177, 1946.
 Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:99, 1945.
 Fenton et al., Okla. Mimeo. C. 147, 8 p., 1945.
 Ferguson, Coronet 18(5):32-36, 1945.
 i Fishbein, Hygeia 23:740-741, 1945.
 Fisher, Baker's Helper 86(1069):48-49; (1071):52,55, 1946.
 Fisher, Creamery J. 57(5):16,35, 1946.
 i Fisher, Food Packer 27(2):49-50,56, 1946.
 Fisher & Fluke, Wis. Ext. DDT, Its Present Uses & Limitations, 8 p., Oct. 1945. (Spec. C.)
 Fleming, USDA EPQ E-724,22 p., 1947.
 Fletcher, Ward's Nat. Sci. B. 20.32, 1946.
 Floyd, Assoc. South. Agr. Workers P. 44.125, 1947. (Abs.)
 Floyd, La. R. f. 1945/46:55-56, 1947.
 Fosdick, Rockefeller Found. R. f. 1945:59.
 Fouracre, Md. Agr. Soc. R. 30:171-173, 1946.
 Franklin, Mass. B. 436:29, 1946; 441. 28, 1947.
 Franks, Arch. Dermat. & Syphilology 53:481-482, 1946.
 Frazier & Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944. 9-11, 1945.
 i Frear, Pa. B. 475 sup. 1. inside cover-1, 1946.
 Freeborn, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944.3-4, 1945.
 Freeborn, Nulaid News 23(7):24, 1945.
 French, Gard. Gossip 21(6):7, 1946.
 i Friend, Yale Sci. Mag. 20(3):12-13, 16,18, 1945.
 Fulton, N. C. Res. & Farm. 5 (Prog. R. 1):11-12, 1946.
 Galdston, Surv. Graphic 34(6):293-294, 1945.
 Gambrell, N. Y. (G.) Farm Res. 12 (2):20, 1946.
 Gardiner, Can. Min. Agr. R. f. 1944/45:55-56,59-61; f. 1945/46: 16-17,28,42,46,65-71,73,77,81-83, 121-122,157,178-181; f. 1946/47: 15-16,79-87,90-91,93-94,96,98-99, 309.
 Gardner, Mich. R. 58 in Mich. St. Bd. Agr. R. 84:221, 1946; 59 in Mich. St. Bd. Agr. R. 85:266-287, 1947.
 Gentry, Iowa Vet. 18(3):12-15, 1947.
 b Getting, New Eng. J. Med. 232:376-378, 1945.
 Glasgow & Harvey, N. Y. (G.) R. 65: 19-20, 1947.

INSECTICIDES - DDT--Continued.

- b Goodhue, Iowa St. Col. J. Sci. 19. 255-256, 1945.
 Goodrich, N. Y. St. Hort. Soc. P. 92 42-45, 1947.
 Gordon & Knies, Amer. J. Med. Sci. 213 367-371, 374-375, 1947.
 b Gould, Soap & Sanit. Chem. 21:114-115, 121, 1945.
 Gould, Ind. R. 59 18,64-65, 1946, 60 69-70, 1947.
 Gould, Ind. Acad. Sci. P. 56 162, 1947?
 Graham, B. C. Lumberm. 29(4):120, 1945.
 Graham, North. Nut Grow. Assoc. R. 36 101-102, 1946.
 Graham et al., Md. Ext. B. 105 4-5, 26, 1945.
 i Granovsky, Minn. Farm & Home Sci. 2(2) 8-10, 1945.
 Granovsky, S. Dak. St. Hort. Soc. R. 42 116-118, 1945.
 Granovsky, Minn. Hort. 73 52-53, 55, 1945, 75-75, 1947.
 Gray, Cal. Med. 65 61-63, 1946.
 Green, N. Amer. Vet. 26 412-413, 1945.
 Green, Colo. R. 59 10-12, 1946.
 Green, Control de Plagas [Habana] 8 55-56, 84, 86, 152, 1946, 9, 35-36, 1947.
 Greenwood, Conn. B. 488.346-347, 1945.
 Grove, Iowa B. P-85.824-826, 1947.
 Gunderson, Iowa St. Hort. Soc. Trans. 80 11-17, 1945.
 Gunderson, Iowa Dept. Agr. YB 46 297-300, 1946.
 Gunderson, Iowa Ext. Pam. 110,4 p., 1946.
 Gunderson & Elder, Hoard's Dairym. 92:745, 1947.
 Guyton, Vet. Med. 41 197-198, 1946.
 Hadfield, Food. Mater. & Equip. 5(12): 15, 18, 1945.
 Hadley, USDA EPQ E-727 3, 1947.
 i Hale, Ind. St. Bd. Health Mo. B. 48 131-132, 146, 1945.
 i Hall, Amer. Forests 52 152-155, 186-188, 1946.
 Haller, Sci. News Let. 49 275-276, 1946.
 Hambidge, Harper's Mag. 190.265-267, 1945; Sci. YB 1946 186-191.
 b Hansens, Sewage Works J. 19:513-517, 1947.
 Harnden, Pests 15(3):16, 18, 1947.
 Harris, Iowa Vet. 16(6):10-11, 1945.
 Harris, Norden News 19(5):4-5, 1945.
 Haseman, Mo. B. 510:32-34, 1947.
 i Haseman et al., Mo. C. 309,7 p., 1946.
 Haviland, Md. B. A37:112, 1945.
 Hawkins et al., Maine B. 449:294-298, 1947.
 Henderson, USDA YB f. 1943/47:643-647.
 i Henderson, Amer. Fruit Grow. 66 (2):11,33, 1946.
 Henderson, USDA EPQ E-681,4 p., 1946.

INSECTICIDES - DDT--Continued.

- Henderson, Milk Plant Month. 36(3). 55-56,60, 1947.
 Henney, Colo. R. 58.17-18, 1945.
 Herms, Cal. C. 365:98-100, 1946.
 Herrick, Natl. Fur News 19(10):18,52-53, 1947.
 Heuberger & Stearns, Phytopathology 37.9, 1947. (Abs.)
 Hill, Neb. R. 58:52-55, 1945.
 b Hill, Neb. Res. B. 138,14 p., 1945.
 Hill, Neb. Ext. C. 1540,3 p., 1946.
 Hill, Iowa St. Col. J. Sci. 22 41, 1947.
 Hill & Sooter, Neb. R. 60.50-51, 1947.
 Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:61,64.
 Hitchcock, Mont. Ext. Ser. A-63-3,4, 1947.
 Hixson, Okla. Ext. C. 387 rev., 15, 1946.
 i Hixson & Stiles, Okla. Ext. C. 418, 8 p., 1945.
 Hoerner, West. Colo. Hort. Soc. Trans. f. 1944.58, 1945, f. 1945 103,105-106, 1946.
 b Holdaway, Hawaiian Ent. Soc. P. 12 301-308, 1945.
 Holdaway, Hawaiian Acad. Sci. P. 21. 12, 1946. (Abs.)
 Holdaway, Plantation Health 10(1) 20-26, 1946.
 Holdaway & Nishida, Hawaii R. f. 1944/46 59-61,68-69, 1947.
 Holdaway et al., Hawaii R. f. 1942/44. 69-75, 1945, f. 1944/46 61-64, 1947.
 b Hoskins & Craig, Ann. Rev. Biochem. 15 552-564, 1946.
 i Hovey, East. States Coop. 22(2):11-13, 1946.
 Howard, Better Homes & Gard. 25(9): 219, 1947.
 Howard, Rhodora 49:286-288, 1947.
 Howard & Brooks, Cal. Ext. C. 117 rev. 34-35, 1947.
 Howard et al., USDA Misc. Pub. 526 rev. 53, 1945.
 Hubbard, N. Y. St. Hort. Soc. P. 91 209-212, 1946.
 Hockett, N. Y. (G.) R. 65 20, 1947.
 Hudson, Contact (Ga. Veg. Grow. Assoc.) 11(4):3-4, 1945.
 i Husman et al., USDA EPQ ET-228, 17 p., 1947.
 Huston, Mich. Potato Grow. Exch. 26 (7):1-2, 1946.
 Hutson, Mich. For. & Park Assoc. Ann. Mtg. 20:14-20, 1946.
 Hutson, Mich. St. Hort. Soc. R. 75 58-61, 1946.
 Hutson, Gladiolus 22:47,49, 1947.
 Hutson et al., Mich. St. Hort. Soc. R. 75:19-29, 1946.
 Imes et al., USDA FB 909 rev.:6,9, 1947.
 Ingram, Sugar Bul. 24(5):36, 1945.
 Ingram et al., Sugar J. 9(11):11, 1947.
 Jacobs, Baker's Digest 20(2):33-35, 1946.
 Jacobs, Chem. & Engin. News 25: 2713, 1947.

INSECTICIDES - DDT--Continued.

- Jardine et al., USDA OES R. f. 1943/44:51, 1945, f. 1944/45:51-52, 1946.
- Jarrett, N. C. St. Bd. Health, Health B. 60(10).11-12, 1945.
- Jefferson, Natl. Shade Tree Conf. P. 23.380, 1947.
- Jeneman, Soap & Sanit. Chem. 21:123, 125,127,149, 1945, 22(1).121,123, 1946.
- Johns, Printers' Ink 211(4) 19-20,96, 99, 1945.
- Johnson, Miss. Doctor 22:268-271, 1945.
- Johnson, Sci. Amer. 174.258-259, 1946.
- Jones, Oreg. St. Hort. Soc. R. 38.9-10, 1946.
- Jones et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.20-24, 1946.
- Kaspar, Fla. Grow. 53(9) 7,10, 1945.
- Kelsheimer, Fla. R. f. 1944/45 119-120, f. 1945/46:112-113, f. 1946/47 118,123,126-127.
- Kelsheimer, Fla. PB 631,4 p., 1947.
- Kelsheimer, Fla. St. Hort. Soc. P. 60 121-123, 1947.
- Kendall, Good Housekeeping House-keeping Book:346-348,350-351,354-357,360,363, 1947.
- Kent, Pop. Mech. Mag. 85(5) 97-103, 1946.
- Kernan, Amer. For. 51 111-112,143, 1945.
- Killeffer, Sci. Amer. 173 286, 1945.
- King, Mich. Hort. Soc. Hort. News 11 100, 1945.
- King, Begonian 13.188, 1946.
- King, Mich. Ext. Folder F-93,4 p., 1946.
- King, Poult. Handb. for South. Sts. ed. 2:93, 1947.
- King, Tex. Ext. B. 151:4-16, 1947.
- Kingscote, Black Fox Mag. 30(6) 20, 46, 1946.
- Kingscote, Fur Trade J. Can. 24(1) 16,54, 1946.
- Kingscote, Ont. Dept. Agr. Ont. Vet. Col. R. f. 1946/47:35-37.
- Kiplinger, Ohio Flor. Assoc. Month. B. 198.3-4, 1946.
- Kirk, Mil. Rev. 25(7).5, 1945.
- Klenzade Prod. Ind., South. Dairy Prod. J. 39(3):46, 1946.
- Knippling, J. Ec. Ent. 38:205-207, 1945.
- Knippling, USDA YB f. 1943/47:633-642.
- Knutson, R. I. Dept. Agr. & Conserv. R. 12:32-33,36-40, 1947.
- Krebs, Science 103:459-460, 1946.
- Kuntz & Chapman, Wis. B. 469:27-28, 1946.
- Kyd, Okla. Ext. C. 454,8 p., 1947.
- Laake, Kans. St. Bd. Agr. R. 65(272): 87-92, 1946.
- Laake & Bruce, USDA YB f. 1943/47: 670-672.
- Lang, N. J. Dept. Health Pub. Health News 28:112-113, 1946.
- Lange, Spreckels Sugar Beet Bul. 9: 23, 1945; 11:1-5, 1947.

INSECTICIDES - DDT--Continued.

- Lange, Cal. C. 365.39-45, 1946.
- Lange, West. Grow. & Ship. 17(3) 18, 32, 1946.
- Lange, Agr. Chem. 2(9).69, 1947.
- Lange, Cal. Agr. 1(12):3, 1947.
- Lange & Thwaits, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 14-17, 1945.
- Langford, Arbor. News 12.33-35, 1947.
- Lathrop et al., Maine Ext. B. 353 9, 11-12, 1947.
- Lauger & Muller, Sci. News Let. 48 147, 1945.
- Laurie, South. Flor. 59(17).22-23, 1946.
- Leary et al., DDT & the Ins. Prob., 176 p., 1946.
- Leete, Pan Amer. Union B. Ofic. Sanit 26.512-513, 1947.
- Lehker, Ind. Ext. B. 239 rev. 4,6-9, 15, 1947.
- Lejeune, Ent. Soc. Manitoba P. 1 35, 1945.
- Lemmon, Cal. Dept. Agr. B. 34 260-262, 1946.
- Levi, Making Pigeons Pay 234-235, 1946.
- Lininger et al., Pa. B. 488 28-29,44-45, 1947.
- Longworth, Camping Mag. 19(4) 17-19 (6):15-16,27, 1947.
- Lowry & Fraim, Amer. Iris Soc. B. 105 65-66, 1947.
- Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107) 62-70, 1947.
- Lyle, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19 72-73, 1945. (Abs.)
- Lyle, Miss. Farm Res. 8(4) 1-2. (8): 2, (9).1,8, 1945.
- McCart, N. Mex. Stockm. 10(10) 50, 1945.
- McDaniel, Mich. Hort. Soc. Hort. News 11.110, 1945.
- McDaniel, Tenn. Hort. Oct. 15, 1945 1-2.
- McDaniel, Mich. Gard. 12(5) 6, 1946.
- McDaniel, Gladiolus Mag. 11(3).14, 1947.
- MacDonald, Conn. Ext. Conn. Home-maker, Oct. 14, 1946:26.
- McDowell, Tex. R. 58:27,54, 1946.
- McFarland, Human Factors in Air Transport Design:188-191,205-206, 1946.
- MacPherson, Can. J. Compar. Med. 11:108-110,112, 1947.
- Madden et al., Mosq. News 6:7-11, 1946.
- Magie, N. Amer. Glad. Council B. No. 11:16, 1947.
- Magie & Kelsheimer, Fla. R. f. 1945/46:118, f. 1946/47.130.
- Magie & Kelsheimer, Control de Plagas 9:102-103, 1947.
- Magie & Kelsheimer, Fla. PB 634.2-4, 1947.
- Mail, Chem. Indus. 60:219, 1947.
- Maloney, Cheese Rptr. 70(34).10, 1946.

INSECTICIDES - DDT--Continued.

- Manson, Can. Dept. Agr. Div. Ent.
Processed Pub. 35 rev. 2, 1946.
Marcovitch & Stanley, Tenn. R. 58
110-111, 113-114, 1946.
Markwood & Arrington, U. S. Dept.
Com. Indus. Ref. Serv. Pt. 2,3(44) 1-3,
1945.
Marshall, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25 75, 1946.
Marshall & Ullo, U. S. War Dept. TB
Med. 138 7, 1945.
Marshall & Ullo, War Med. 7(1) 42,
1945.
Martin, N. J. R. 66 37,88, 1946, 67
31,43,55,61, 1947?
Mattoon, For. Leaves 35(6) 2-3, 1945.
Maxwell, Cal. Mosq. Control Assoc.
P. 14 20-23, 1946.
Maxwell, Can. Dept. Agr. Div. Ent.
Processed Pub. 66 2-4, 1947.
Melency, Amer. J. Trop. Med. 25(1)
64, 1945.
Meredith, Amer. Drug. 113(5) 90-91,
182, 196, 1946.
Merrill, Mich. St. Hort. Soc. R. 75
125-126, 1946.
Michelbacher, Mod. Packaging 20(5)
144-145, 170, 1947.
b Milks, Pract. Vet. Pharm. Mater.
Med. & Ther. ed. 5 rev., Addenda
16-19, 1946.
Miller, Reader's Digest 47(283) 84-86,
1945.
i Miller, Washcoegg 23(6):10,35, 1945.
b Miller, N. Y. St. J. Med. 47 1594,
1947.
Milliman, Better Fruit 41(8) 7,36-37,
1947.
Mills, Fla. Nat. 21,14-16, 1947.
Milne, South. Flor. 60(25) 56, 1947.
Mitchener, Manitoba Dept. Agr. & Im-
migr. Pub. 198:4, 1945, 213 3,6,9,
1947.
Mocine, Amer. Mill. 74(1) 137, 1946.
Mohler, Agr. Chem. 2(3):16,65, 1947.
Moise, Amer. Egg & Poul. Rev. 7(12)
16,18, 1946.
Moore, Cal. Citrog. 32,40, 1946.
Morofsky & Muncie, Amer. Potato J.
24 162-166, 1947.
Morrison, Macdonald Col. J. 6(4):4-5,
29, 1945.
Mote, Oreg. C. Inform. 388.2; 389,
5 p., 1946.
Mote et al., Oreg. St. Hort. Soc. R. 37:
9-19, 1945.
Muma, Neb. Ext. C. 1534,3 p., 1945,
1534 rev.,8 p., 1946; 1548:4, 1947.
Muncie & Morofsky, Mich. Ext. Folder
22 rev.,4 p., 1946.
Munro, Amer. Assoc. Ec. Ent. N. Cent.
Sts. Branch P. 2:36, 1947.
i Munro et al., N. Dak. Bimo. B. 7(5):
21-23, 1945.
Murrell, Can. J. Pub. Health 37:160-
162, 1946.
Neely et al., Amer. Potato J. 23:135-
150, 1946.
Neiswander, Veg. Grow. Assoc. Amer.
R. 37:118-122,266,268-276,278,280,
282, 1945.

INSECTICIDES - DDT--Continued.

- Neiswander, Ohio Veg. & Potato Grow.
Assoc. P. 30 135-137, 1945, 31,120-
121,266,268-280, 1946.
Neiswander, Ohio B. 665,32, 1946,
673 46-47, 1947.
Nettles, S. C. Ext. C. 284,15 p., 1946.
Newcomer, Wash. St. Hort. Assoc.
Proc. 41 51-53, 1945.
Norris, U. S. Navy Hosp. Corps.
Quart. 18(4) 2-3, 1945.
Norton, Orchid Digest 9 374-375,
1945.
Olson, Pest Control & Sanit. 1(11) 24,
1946.
Olson & Dahms, J. Parasit. 32 57-60,
1946.
O'Neill, Better Fruit 40(8):16, 1946
i Ornduff, Amer. Hereford J. 36(7)
16-17,68-70, 1945.
Osburn & Stahler, Cit. Indus. 27(6) 3,
7,11, 1946.
Osorio, Control de Plagas 8 [i.e. 7]
83, 1945.
Overley, Wash. B. 470 87, 1945.
Palm, N. Y. St. Hort. Soc. P. 90 30-
32, 1945, 91 63-69, 1946.
i Palm, N. Y. (G.) Farm Res. 12(2)
5-6, 1946.
Parish, Sheep & Goat Raiser 26(2):16-
17,26, 1945.
Parker, Kans. Bien. R. 13,64,66, 1946.
Parks, Veg. Grow. Assoc. Amer. R.
37:116-117,127-131, 1945.
Parks, Contact(Ga. Veg. Grow.
Assoc.) 12(1) 2,7, 1946.
Parks, Ohio Veg. & Potato Grow.
Assoc. P. 31 116-117,127-131, 1946.
Parks, Ohio Milk Prod. 10(2) 5, 1947.
i Parks, South. Seeds. 10(1):12,57,
1947.
Parks, Sun-up 2(3) 15, 1947.
Parks & King, Ohio Ext. B. 76 rev.
52-53, 1947.
Parran, U. S. Pub. Health Serv. Ann.
R. 73 [i.e. 74] f. 1944/45 58,72,92-
96.
Pass, Can. Flor. 41 149-150, 1946.
Patrick et al., Assoc. Off. Seed Anal.
P. 37:166-169, 1947.
Patterson, Oreg. Dept. Agr. B. 148:
13-14, 1945.
Payne, Colo. Farm B. 7(5) 5, 1945.
Pederson, Internatl. Assoc. Ice
Cream Mfrs. R. P. 42 Prod. & Lab.
Council 2:10-11, 1946.
Pemberton, Hawaiian Sugar Planters'
Assoc. P. 66,Expt. Sta. R. f. 1945/46:
26, 1947.
Persing, Cal. Citrog. 30,144, 1945.
b Peterson & Palmer, Continental
Can Co. Res. Dept. B. 7,24 p., 1945.
b Phillips, Fed. P. 5,293-294,297, 1946.
Phillips, Gard. Gossip 22(6) 14-15,
1947.
Phillips, N. Y. St. Hort. Soc. P. 92:81-
83, 1947.
Pigg, Ky. Dept. Agr. Ky. Mktg. B. 3(2):
3-5, 1946.
Polivka, Ohio B. 673:77, 1947.
Polivka, Ohio Bimo. B. Farm & Home
Res. 32:107-110, 1947.

INSECTICIDES - DDT--Continued.

- Porter, Amer. Fruit Grower 65(3):14, 33-34, 1945.
 Pratt et al., N. Y. (C.) Ext. B. 696:33-34, 1946; rev.:32-33, 1947.
 Price, Ky. Ext. C. 435:3-7; 438,8 p., 1947.
 Pyenson, Flower Grow. 33:180-181, 200, 1946.
 Pyenson, N. Y. Bot. Gard. J. 47:120-122, 1946.
 Quackenbush, Horticulture 25:306, 1947.
 Quesada, Control de Plagas 9:91-93, 1947.
 Rainwater & Bondy, Assoc. South. Agr. Workers P. 44:130, 1947. (Abs.)
 b Randolph, Tex. Acad. Sci. P. & Trans. 29:47-53, 1946.
 Rasmussen et al., Mich. Ext. B. 154 rev.:23, 1945.
 Rawlins et al., N. Y. (C.) R. 58:120, 1946; 59:120, 1947.
 Rebrassier et al., U. S. Livestock Sanit. Assoc. P. 49:83-84, 1946.
 Reed, Milk Dealer 34(6):110, 1945.
 Reed, South. Dairy Prof. J. 37(2):75, 1945.
 i Reed et al., J. Ec. Ent. 40:289-293, 1947.
 Richards & Conklin, N. H. B. 372.42, 1947.
 Richardson, Pests 15(9):22,24, 1947.
 Roark & McIndoo, USDA EPQ E-728: 29, 1947.
 Robertson, B. C. Dept. Agr. R. 40 V49-V51,V54,V73-V74,V78-V79, V125, 1946.
 Robertson et al., B. C. Dept. Agr. R. 41:W72-W76,W101-W103,W105-W106, W108-W110, 1947.
 Rogers, Better Goatkeeping 1:238, 1946.
 Rohlf, Amer. Drug, 111(4):68-69,158, 1945.
 Rohwer, Agr. Chem. 1(1):24-27,65, 1946.
 Rohwer, Soap & Sanit. Chem. 23(6): 136,193, 1947.
 Romney & Hills, West. Grow. & Ship. 16(10):27, 1945.
 Ross, Can. Hort. Grow. Ed. 68:33-34, 1945.
 Ross, Can. Dept. Agr. Div. Ent. Proc-essed Pub. 37,5 p., 1946.
 i Ross, Can. Grow. 70(4):18-20, 1947.
 Ruehe, Milk Plant Month. 36(1):82, 1947.
 Ruffin, Ala. Ext. Negro Farm. 6(9):2, 1945.
 Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:101, 1947.
 Ruprecht, Fla. R. f. 1946/47:142-143.
 Russell, Fla. R. f. 1945/46:124-125.
 Ryan, Home Gard. (N. Y.) 8(6):58-60, 1946.
 Ryan, N. Amer. Glad. Council B., June 1946:6.
 Ryan, Flor. Rev. 99(2570):36, 1947.
 Ryan, Maine Glad. Soc. Glad. Book f. 1947:30-31.

INSECTICIDES - DDT--Continued.

- Salter, USDA PISAE R. f. 1944/45:15-16,18; f. 1946/47:70.
 Sanders & Tissot, Fla. R. 57:60,66, 1946?
 Sapero, Amer. Med. Assoc. J. 132: 625-626, 1946.
 Scaramuzza, Assoc. Tec. Azuc. Cuba. B. Ofic. 4:454-455, 1946.
 Schmitt, Pests 15(10):50, 1947.
 Schread, Conn. B. 505:9-10,20, 1947.
 Schroeder & Hervey, N. Y. (G.) R. 65: 44-45, 1947.
 Schwardt, Amer. Milk Rev. 7:424, 1945.
 Schwardt, Natl. Butter & Cheese J. 37(4):70,72, Ice Cream Rev. 29(9): 110-112, 1946.
 Schwardt, N. J. Dept. Health Pub. Health News 28:114-117, 1946.
 Scott & Scott, Chrysanthemums for Pleasure:16,18,28, 1947.
 Searls, Can. Dairy & Ice Cream J. 24(11):48-50, 1945.
 Searls, Cheese Rptr. 60(34):7,21-22, 24, 1945.
 Searls, Kraftsm. Prod. Ed. 3(6):16-17, 1945.
 Searls, Dairy World 25(10):40-41, 1947.
 Searls & Weed, Agr. Chem. 1(7):37, 65, 1946.
 Seiden, Poult. Handb.:105-106, 1947.
 Severin, S. Dak. R. 59:15-16, 1946.
 Shands et al., Maine B. 449:284-287, 291-293,364, 1947.
 Shepard, Pests 14(11):20,22, 1946.
 Shull & Rudeen, Ida. Ext. C. 93,2 p., 1946.
 Shull et al., Ida. B. 268:39-40, 1946.
 Simmons, Mil. Surg. 96:124-125, 1945.
 i Simmons, Sat. Even. Post 217(28): 18-19,85-86, 1945.
 Simmons, Natl. Malar. Soc. J. 5:157-160, 1946.
 bi Simmons, Adv. Int. Med. 2:238,241-250,253-260, 1947.
 Simmons & Arnold, Pests 14(4):20,22, 1946.
 Simms, USDA BAI R. f. 1945/46:43-45.
 Simpson et al., Maine Ext. C. 221:8 p, 1946.
 Simpson et al., Maine Ext. B. 361, 10 p., 1947.
 Slate, Conn. R. f. 1944/45:14-15,18-20,22; f. 1945/46:8-11,14.
 Slate, Conn. B. 484:60-32, 1945.
 Slesman, Ohio B. 665:31, 1946.
 Slesman, Ohio Blom. B. 31:39-40, 1946.
 Smallman, Wallerstein Lab. Commun. 8:165-167, 1945.
 Smallman, Can. Grain J. 1(7):9-10, 1946.
 Smillie, Pub. Health Adm. in U. S. ed. 3:254-255, 1947.
 Smith, Va. R. f. 1946/47:53.
 Smith, Maine Glad. Soc. Glad. Book f. 1947:26-28.

INSECTICIDES - DDT--Continued.

- Smith, South. Dairy Prod. J. 41(1):80-81,88, 1947.
 Smith & Underhill, Amer. Rose Ann. f. 1947:128-130.
 Snapp, Ind. Hort. Soc. Trans. 86.98-100,103, 1947.
 Snyder, Amer. J. Pharm. 118(1)-21-22, 1946.
 Stafford, Cal. Olive Indus. News 2(1) 3, 1947.
 Stafford & Frazier, Cal. C. 365 66-70, 1946.
 Stage, USDA EPQ E-680.3-4, 1946.
 Stage & Irons, USDA YB f. 1943/47 835-837.
 Stage & Knippling, Reunion Interamer. del Tifo Pub. Ofic. 1 277-285, 1947.
 Stahnke & Roney, Ariz. Ext. C. 132-13-14, 1947.
 i Standen, Life 21(2) 47-48,50,52,54, 1946.
 Stanley, Tenn. Ext. Pub. 293 rev.,16 p., 1947.
 Stanley & Marcovitch, Tenn. C. 97 3-4, 1947.
 Stebbins et al., Mich. St. Hort. Soc. R. 75 122-124, 1946.
 b Stenborg, U. S. Pub. Health Rpts. 62 669-681, 1947.
 Stewart, Cal. Mosq. Control Assoc. P. 14,6-8,65, 1946.
 Still, Ohio St. Hort. Soc. P. 79 80-83, 1946.
 Stillson, Amer. Waterworks Assoc. J. 38 625,629, 1946.
 Strickland, West. Can. Soc. Hort. P. 2 49-50, 1945.
 Strickland, in Alberta Univ. Faculty Agr. B. 46 62, 1946.
 Stuckey, Ga. R. 58.83-84, 1946.
 Sweet, Ohio Veg. & Potato Grow. Assoc. P. 32 93, 1947.
 Sweetman & Bourne, Mass. Ext. Sp. C. 136.4 p., 1947.
 Taggart, Cornell Vet. 36 159-169, 1946.
 Taggart, La. Ins. Pest Control Serv. Leaf. 36 rev.,6 p., 1946.
 Taggart & Osmun, Pub. Works 77(11) 29-30, 1947.
 b Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19.21-22,24-26,28,30,32-36, 1946.
 Talbert, Gen. Hort.:177-178, 1946.
 Talmage, Conn. Veg. Grow. Assoc. P. 34.83, 1946.
 Tate, Amer. Potato J. 22:15, 1945.
 Tate, Neb. St. Bd. Agr. R. f. 1945.431-433.
 Tate, Amer. Assoc. Cereal Chem. Trans. 4:37, 1946.
 Tate & Hill, Neb. Ext. C. 1529:4, 1945.
 Tate et al., Neb. R. 58:59-60, 1945.
 i Tauber, Farm Sci. Rptr. 6(3):11-13, 1945.
 i Teale, Nature Mag. 38:120-124,162; W. Va. Conserv. 9(7):9,20-22; Wis. Conserv. B. 10(9):15-18, 1945.
 Thompson, Oreg. St. Hort. Soc. R. 37: 105-107, 1945; 38:90-91, 1946.
 Thompson, Can. Dairy & Ice Cream J. 25(5):28-29, 1946.

INSECTICIDES - DDT--Continued.

- Thompson, Ont. Crop Impr. Assoc. Potato Sect. Addresses & P. f. 1946. 67-70.
 Thompson, Ont. Dept. Agr. B. 449:9, 1947.
 Thompson, Oreg. C. Inform. 410.3, 1947.
 Thomssen, Agr. Chem. 2(8).35, 1947.
 Thone, Sci. News Let. 48.157, 1945.
 Tisdale, Internatl. Apple Assoc. P. 53.91-93, 1947.
 Tisdale, Mich. St. Hort. Soc. R. 76 28-30, 1947.
 Tissot, South. Flor. 58(31) 11, 1945.
 i Tissot, Fla. Grow. 55 [i.e. 54] (8):5, 12,14-15, 1946.
 Tissot, Fla. R. f. 1946/47 70.
 Tissot, Cit. Indus. 28(1)-3,16,20,22, 1947.
 i Tissot, Coastal Cattle. 13(5) 12-14, 1947.
 Tissot, Fla. PB 630.4 p., 1947.
 Trullinger et al., USDA OES R. f. 1945/46 33,104-117, 1947.
 Tulloch, Bklyn. Ent. Soc. B. 41:162-163, 1946.
 b Turner, Chron. Bot. 9 92-93, 1945.
 Turner, Conn. C. 164:5-6, 1947.
 Turner, Conn. Veg. Grow. Assoc. P. 35.57-60, 1947.
 Tussing, Veg. Grow. Assoc. Amer. R. 37:208-213, 1945.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 25.8 p., 1945, 33 6-7, 1945.
 Twinn, Pests 13(5) 16, (9):6,8, 1945.
 b Twinn, Sci. Agr. 27.97-99, 1947.
 Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38,8 p., 39, 3 p., 1946.
 Van Kleeck, Conn. Health B. 59 231-237, 1945.
 Vollrath, Hawaii Ext. B. 31 rev. 37-38,47, 1947.
 b Vollrath, Hawaii Ext. C. 220,6 p., 1947.
 Wadley, USDA Leaf. 161 rev.,4, 1947.
 Walberg, Canad. Hort. Grow. Ed. 69 58, 1946.
 Walker, Va. Ext. News 27(5).3, 1945.
 Wallace, Cal. Dept. Agr. B. 35 191, 1947.
 Wallace, Utah Gard., Aug. 1947 17.
 Walton et al., Okla. Mimeo. C. M-158, 6 p., 1946.
 Walton et al., Western Livestock 31 (9).38-39, 1946.
 Warrick, Water & Sewage Works 93: 329-331, 1946.
 Watson, Fla. PB 619:1-2, 1946.
 Watts, S. C. R. 59:158-163, 1947.
 Weaver et al., S. Dak. Ext. Leaf. 102, 8 p., 1946. (Repr.)
 Webster, Better Homes & Gard. 24(9): 146-149, 1946.
 West, Sewage Works J. 19.76-81, 1947.
 Westcott, Sun-up 1(9):24, 1947.
 Wheeler, N. Y. St. Hort. Soc. P. 92: 74-80, 1947.
 Whitcomb, Mass. Ext. Fruit Notes, Aug. 31, 1945:3-4.

INSECTICIDES - DDT--Continued.

- Whitcomb, Mass. Ext. Fruit News
Apr. 30, 1946.2-3.
Whitcomb & Garland, Mass. B. 441:39,
1947.
Whitcomb et al., Mass. Ext. Sp. C. 135
rev.,4 p., 1947.
White, USDA YB f. 1943/47.667-669.
White, Amer. Nurseryman. 81(6):11,31,
1945.
Wildrick, Chem. Anal. 34(3):51,71-72,
1945.
Williams, in Amer. Iris Soc., The Iris:
126-127, 1947.
Wilmot, Civil Engin. 16 60-61, 1946.
Wilson, Ohio Veg. & Potato Grow.
Assoc. P. 31:144, 1946.
Wing, Better Fruit 40(6):3,6,11, 1945.
Winternitz, in Weaver, Sci. Speak:88-
92, 1947.
i Witman, Chem. Indus. 58 590-591,
1946.
Witman, Dairy World 24(2).52-53,
1946.
Witman, Ohio Veg. & Potato Grow.
Assoc. P. 31.314-316, 1946.
Witman, Amer. Fruit Grow. 67(8).30,
1947.
Wolfenbarger, Fla. Ent. 29 37-44,
1947.
Wolfenbarger, Fla. St. Hort. Soc. P.
60:167-169, 1947.
Woodbury, Gard. Club Amer. B. Ser.
10(8):97-100, 1946.
Woodman, Amer. Restaurant Mag. 29
(12) 91-93, 1945.
Woodside, Cumberland-Shenandoah
Fruit Workers' Conf. P. 23 [22],
1946.
Wright, Farm. Defender 4(9).8-9,13,
1945.
i Wright, Down to Earth 3(1) 2-4, 1947.
Wylie & Wilson, Fla. R. f. 1945/46:
170-172.
i Zimmerman & Lavine, DDT - Killer
of Killers, 180 p., 1946.
Amer. Assoc. Ec. Ent., Ent. News 56
38-39, 1945.
Army Med. Libr. Hist. Div., U. S.
Army Med. Dept. Bul. 7:610-612,
1947.
Baker Chem. Co., DDT,115 p., 1945.
Conn. Agr. Expt. Sta., Conn. Veg.
Grow. Assoc. P. 32.21-22, 1945, 33-
83-84, 1946?, 34.95-96, 1946.
i Fortune 33(1):148-149,168,170,172,
174,176, 1946; Sci. YB f. 1947:169-
175.
i Geigy Co., Inc., Glass Packer 25-
796-797,817, 1946.
i Geigy Co., Inc., Pest Control & Sanit.
1(9) 11, 1946, 2(1):11,13,15, 1947.
Mich. Ext. B. 271:47-48, 1945.
i Newsweek Club Bur., DDT & Your
Community,14 p., 1946.
Ohio Flor. Assoc. Month. B. 210:2-3,
1947.
U. S. Army & U. S. Public Health
Serv., J. Ec. Ent. 38:284, 1945.
U. S. Army Med. Dept. Bul. 7:992,
1947.

INSECTICIDES - DDT--Continued.

- U. S. Army Med. Dept. Bul. 85 38,
86.15, 89:8-9,16-17, 1945.
USDA EPQ, Cattleman 32(5).24-26,28,
30,32,34,36, Westerner 8(9):9,70-
72,74,76, Cal. Citrogr. 30:377,388-
390, 1945.
USDA EPQ, Feedstuffs 18(15).40-41,
1946.
USDA EPQ, USDA Consum. Guide 13
(7).4-5, 1947.
USDA EPQ & Natl. Pest Control
Assoc., Pests 13(10).10,12, 1945.
i USDA EPQ & U. S. Pub. Health
Serv., DDT for Control of House-
hold Pests,15 p., 1947.
bi USDA EPQ Orlando, Fla. Lab.,
USDA Misc. Pub. 606,71 p., 1946.
U. S. Pub. Health Serv., Off. Sanit.
Pan Amer. B. 26:772-774, 1947
bi U. S. Pub. Health Serv. & Tenn.
Val. Authority, Malar. Control on
Impound. Water:151-155,159,163-
185,203-222,385-386,411, 1947.
i U. S. War Dept. TB Med 194(PB-
2436).32 p., 1945.
U. S. War Dept. TM 5-632(PB-2435):
21-22,26,50,81-83, 1945.
Va. Ext. B. 97 rev.:41-44, 1947.
INSECTICIDES - DDT, see also INSEC-
TICIDE RESIDUE - DDT; INSEC-
TICIDES - LEAD ARSENATE vs.
DDT, INSECTICIDES - NBIN
FORMULA, INSECTICIDES -
SMEARS - DDT, INSECTICIDES -
SMOKES - DDT, INSECTICIDES &
DERMATITIS - DDT
INSECTICIDES - DDT - AGRICULTUR-
AL USES
b Cox, Agr. Chem. 2(1).22-25, 2(2)
29,31,33,35,62-64, 1947.
Decker, J. Ec. Ent. 39:557-562, 1946.
INSECTICIDES - DDT - ANALYSIS
Bishop, Amer. J. Pub. Health 36.
597-598, 1946.
Chaikin, Indus. & Engin. Chem. Anal.
Ed. 18 272-273, 1946.
b Cristol et al., Indus. & Engin. Chem.
Anal. Ed. 17:470-472, 1945.
b Fleck, Assoc. Off. Agr. Chem. J.
28:585-589, 1945; 30:319-324, 1947.
b Ginsberg, J. Ec. Ent. 39:174-177,
1946.
b Gunther, Indus. & Engin. Chem.
Anal. Ed. 17:149-150, 1945.
Haller, Agr. Chem. 2(9):26-28,73,77,
1947.
Haller et al., Amer. Chem. Soc. J.
67:1591-1602, 1945.
Hoskins, Cal. C. 365:102-103, 1946.
Reiber & Stafford, Cal. C. 365:104-
108, 1946.
b Soloway et al., Blue Book ed. 18:
215,217-218,221, 1946.
Assoc. Off. Agr. Chem. J. 30:64-66,
1947.
b Hosp. Corps. Quart. 18(10):45-48,
1945.
INSECTICIDES - DDT - ANTIDOTES
Cox, Agr. Chem. 2(2):63, 1947.
Davison, Pests 13(11):22, 1945.

INSECTICIDES - DDT - ANTIDOTES--
Continued.

Philips et al., J. Pharm. & Expt. Ther. 86:217-218, 1946.

Taggart, Cornell Vet. 36 166-167, 1946.

Vaz et al., Science 101 434-436, 1945.

U. S. War Dept. TB Med 194(PB-2436): 4, 1945.

INSECTICIDES - DDT - BIBLIOGRAPHY
Roark, USDA EPQ E-660,27 p., 674, 28 p., 1945.

INSECTICIDES - DDT - BIKINI
Thone, Sci. News Let. 50 3, 1946.

INSECTICIDES - DDT - CEILING
STREAMERS

Dove, USDA EPQ E-673 8, 1945.

Lindquist et al., J. Ec. Ent. 38 259-260, 1945.

INSECTICIDES - DDT - CHEMISTRY
Annand, USDA EPQ R. f. 1944/45.17-18, f. 1945.46.10.

b Hishopp, N. Y. Acad. Med. B. 21 567-569, 1945.

bi Cristol & Haller, Chem. & Engin. News 23 2070-2075, 1945.

Cristol et al., Amer. Chem. Soc. J 69 510-515, 1947.

Fleck, Ent. Soc. Wash. P. 48 47-48, 1946. (Abs.)

Fleck et al., Amer. Chem. Soc. J 67 1419-1420, 1945.

Flenner, Amer. Chem. Soc. Jour. 68 2399, 1946

b Gunther, J. Chem. Educ. 22 238-242, 1945.

Haller & Busbey, USDA YR f.1943 47 616-622.

b Leary et al., DDT & the Ins. Prob 28-33, 1946.

b Picard, Essential Struct. Features of DDT., 7 p., 1947. (Abs.)

Roark & McIndoo, USDA EPQ E-728 5-8, 1947.

Walton, Amer. Chem. Soc. J. 69 1544-1545, 1947.

U. S. War Dept. TB Med 194(PB-2436) 1, 1945.

INSECTICIDES - DDT - CLOTHING
bi Jones et al., J. Ec. Ent. 38 217-223, 1945.

INSECTICIDES - DDT - COMPATIBILITY
Chisholm, USDA EPQ E-643 6-7, 1945.

Creighton, Cit. Indus. 26(12) 7, 1945.

Dewey, N. Y. St. Hort. Soc. P. 91-80, 1946.

Fleck & Haller, Indus. & Engin. Chem. Indus. Ed. 37:403-405, 1945.

Rohwer, Agr. Chem. 1(1) 26, 1946.

Geigy Co., Inc., N. Y., Compatibility Chart, 1 p., 1946.

INSECTICIDES - DDT - COMPATIBILITY
WITH FUNGICIDES

Gyrisko et al., J. Ec. Ent. 38:172-173, 1945.

Heuberger, Peninsula Hort. Soc. Trans. 59:36-38, 1946.

Hurt, Va. Fruit 34:119-122, 1946.

List & Edmundson, Amer. Potato J. 23:348-352, 1946.

INSECTICIDES - DDT - CRYSTAL-LOGOGRAPHY

Andrews et al., U. S. Pub. Health Rpts. 61 455, 1946.

Clark & Cagle, Science 101 465-466, 1945.

Fankuchen et al., Science 103 25, 1946.

Gooden, Amer. Chem. Soc. J. 67(9) 1616-1617, 1945.

INSECTICIDES - DDT - DECOMPOSITION

b Cutkomp, J. Ec. Ent. 40 444-445, 1947.

b Gunther, J. Ec. Ent. 40 874-877, 1947.

b Gunther & Tow, Science 104 203-204, 1946.

b Wichmann et al. Assoc. Off. Agr. Chem. J. 29 218-233, 1946.

INSECTICIDES - DDT - DEFINITION
Roark & McIndoo, USDA EPQ E-728 5, 1947.

INSECTICIDES - DDT - DEMONSTRATIONS

Schafer, Ind. St. Bd. Health Mo. B 48 206-207, 224, 1945.

INSECTICIDES - DDT - DEPOSITS
b Gunther, Indus. & Engin. Chem.

Anal. Ed. 17 149-150, 1945

Hoskins, Cal. C 365 102-103, 1946.

Reiber & Stafford, Cal. C 365 104-108, 1946.

INSECTICIDES - DDT - DETERMINATION

Baier et al., Science 104 376-377, 1946.

b Carter, Assoc. Off. Agr. Chem. J. 30 456-463, 1947

b Carter & Hubanks, Assoc. Off. Agr. Chem. J. 29 112-114, 1946.

b Claborn, Assoc. Off. Agr. Chem. J 29 330-337, 1946.

b Cristol et al., Indus. & Engin. Chem. Anal. Ed. 17 470-472 1945. 18 339, 1946.

Donavan, Soap & Sanit. Chem. 22(6) 165,167,201, 1946.

Fiero, Soap & Sanit. Chem. 23(10) 147, 149,151, 1947.

Haller, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 65-67, 1946.

b Hutson et al., Mich. Quart. R. 29 283-285, 1947.

b La Clair, Indus. & Engin. Chem. Anal. Ed. 18 763-766, 1946.

b Laug, J. Pharm. & Expt. Ther. 86 324-335, 1946.

b Ofner & Calvery, J. Pharm. & Expt. Ther. 85 363-370, 1945.

b Schechter et al., Agr. Chem. 1(6) 27, 46, 1946.

b Schechter et al., Anal. Chem. 19 51-53, 1947.

Stiff & Castillo, Science 101 440-443, 1945.

Tressler, Assoc. Off. Agr. Chem. J. 30:140-144, 1947.

Wichmann, Assoc. Off. Agr. Chem. J. 30:452-453,455, 1947.

- INSECTICIDES - DDT - DETERMINATION--Continued.
 b Wichmann et al., Assoc. Off. Agr. Chem. J. 29:188-218, 1946.
 U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:411, 1947.
- INSECTICIDES - DDT - DETERMINATION - COLORIMETRIC
 b Clifford, Assoc. Off. Agr. Chem. J. 30:337-349, 1947.
 Irreverre & Sharpless, Science 102: 304-305, 1945.
 bi Mann, USDA EPQ ET-243, 4 p., 1947.
 bi Schechter et al., Indus. & Engin. Chem. Anal. Ed. 17:704-709, 1945.
- INSECTICIDES - DDT - DETERMINATION - MICROSCOPICAL METHOD
 i McCrone et al., Indus. & Engin. Chem. Anal. Ed. 18:578-582, 1946.
- INSECTICIDES - DDT - DETERMINATION - SPECTROPHOTOMETRIC
 Herriott, Science 104:228-230, 1946.
- INSECTICIDES - DDT - DOSAGE
 Annand, USDA EPQ R. f. 1944/45.15.
 Hixson & Stiles, Okla. Ext. C. 413:7-8, 1945.
 Nagel, Can. Dept. Agr. Div. Ent. For. Ins. Invest. Bimo. Prog. R. 2(1):5-6, 1946.
- INSECTICIDES - DDT - DOSAGE & MORTALITY
 Fay et al., U. S. Pub. Health Rpts. Sup. 186:25-29, 1945.
 Tarzwell & Sterli, U. S. Pub. Health Rpts. Sup. 186:40-47, 1945.
- INSECTICIDES - DDT - EFFECT OF ALKALIS
 Payne, Colo. Farm. B. 7(5):5, 1945.
- INSECTICIDES - DDT - EFFECT OF DAYLIGHT
 b Chisholm & Koblitsky, Agr. Chem. 2(9):35,37, 1947.
 Wichmann et al., Assoc. Off. Agr. Chem. J. 29:225-228, 1946.
- INSECTICIDES - DDT - EFFECT OF IRRADIATION
 Annand, USDA EPQ R. f. 1945/46:10.
- INSECTICIDES - DDT - EFFECT OF SUNLIGHT
 Annand, USDA EPQ R. f. 1945/46.10.
 Payne, Colo. Farm. B. 7(5):5, 1945.
- INSECTICIDES - DDT - EFFECT OF TEMPERATURE
 Castonguay & Ferm, Kans. Acad. Sci. Trans. 49:172-173, 1946.
 b Chisholm & Koblitsky, Agr. Chem. 2(9):35,37, 1947.
 Lindquist, et al., J. Ec. Ent. 38:261-264, 1945.
 Wichmann et al., Assoc. Off. Agr. Chem. J. 29:228-231, 1946.
- INSECTICIDES - DDT - EFFECT OF ULTRAVIOLET LIGHT
 Annand, USDA EPQ R. f. 1945/46:10.
 Wichmann et al., Assoc. Off. Agr. Chem. J. 29:219-225, 1946.
- INSECTICIDES - DDT - EFFECT OF WEATHER
 Madden et al., J. Ec. Ent. 39:465-466, 1946.
- INSECTICIDES - DDT - EFFECT OF WEATHER--Continued.
 Yust, J. Ec. Ent. 40:764,767, 1947.
- INSECTICIDES - DDT - EFFECT OF WIND
 Payne, Colo. Farm. B. 7(5):5, 1945.
- INSECTICIDES - DDT - EFFECT ON APHID POPULATIONS
 Annand, USDA EPQ R. f. 1944/45.17.
 Boyce, Diamond Walnut News 28(3): 13, 1946.
 Hervey & Schroeder, J. Ec. Ent. 39: 404, 1946.
 Sun & Shepard, J. Ec. Ent. 40:713-714, 1947.
- INSECTICIDES - DDT - EFFECT ON AQUATIC LIFE
 Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33.13,18,22, 1946.
- INSECTICIDES - DDT - EFFECT ON BALANCE OF NATURE
 Brescia et al., Ent. News 57 180-183, 1946.
 Strickland, Ent. News 56.85-88, 1945.
 Wigglesworth, Atlantic Month. 176(6): 107-113, 1945.
- INSECTICIDES - DDT - EFFECT ON BENEFICIAL INSECTS
 Blackburn & Peterson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77, 1946.
 Blackburn & Weaver, Ohio St. Hort. Soc. P. 100:35,38-41, 1947.
 Boyce, Quebec Soc. Protect. Plants R. 30:96, 1947.
 DeBach, Cit. Leaves 27(8):11,32, 1947.
 b DeBach, J. Ec. Ent. 40:598-599, 1947.
 DeBach & Fleschner, Cal. Agr. 1(13): 3, 1947.
 Lewis, Cal. Citrog. 32:33, 1946.
 Moore, Cit. Leaves 26(11):10, 1946.
 Washburn, N. J. Mosq. Exterm. Assoc. P. 34:68, 1947.
- INSECTICIDES - DDT - EFFECT ON CITRUS FRUITS
 Boyce, Cal. Citrog. 31:185, 1946.
- INSECTICIDES - DDT - EFFECT ON CONTAINERS
 Peterson & Palmer, Continental Can Co. Res. Dept. B. 7:21, 1945.
- INSECTICIDES - DDT - EFFECT ON EARTHWORM POPULATIONS
 i Baker, J. Ec. Ent. 39.404-405, 1946.
- INSECTICIDES - DDT - EFFECT ON FOREST INSECT POPULATIONS
 b Brues, Harvard Univ. Harvard For. Papers 1(1):1-18, 1947.
- INSECTICIDES - DDT - EFFECT ON FUNGI
 Roark & McIndoo, USDA EPQ E-728: 20, 1947.
- INSECTICIDES - DDT - EFFECT ON LEAF ROLLER POPULATIONS
 Annand, USDA EPQ R. f. 1946/47:10.
- INSECTICIDES - DDT - EFFECT ON MICRO-ORGANISMS
 Gardiner, Can. Min. Agr. R. f. 1945/46:28.

INSECTICIDES - DDT - EFFECT ON MITE POPULATIONS

- Borden, Oreg. St. Hort. Soc. R. 37:22, 1945.
 Boyce, Cal. Avocado Soc. YB f. 1946 85.
 Brannon et al., Wash. St. Hort. Assoc. P. 43:8-11, 1947.
 Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 78, 1946.
 Chandler, Ill. St. Hort. Soc. Trans. 79 128, 1946.
 Childs, Amer. Fruit Grow. 66(2) 30, 40, 1946.
 Cutright, Amer. Fruit Grow. 66(2) 24, 1946.
 Cutright & Sutton, J. Ec. Ent. 40:557-561, 1947.
 DeBach, J. Ec. Ent. 40:598-599, 1947.
 Dewey, N. Y. St. Hort. Soc. P. 92 49-53, 1947.
 Driggers, N. J. Agr. 29(4) 4, 1947.
 Ebeling, Cit. Leaves 25(5) 10,18, 1945.
 Ewing et al., J. Ec. Ent. 40 380, 1947.
 Gardiner, Can. Min. Agr. R. f. 1945/46 16.
 Harman, N. Y. (G.) Farm Res. 12(2) 3, 1946.
 Hough, Peninsula Hort. Soc. Trans. 59 20, 1946.
 Hough et al., J. Ec. Ent. 38 424-425, 1945.
 Hutson et al., Mich. St. Hort. Soc. R. 75 20-22,26,38, 1946.
 Jeppson, Cal. Citrog. 31 126, 1946.
 List, West. Colo. Hort. Soc. Trans. f. 1946:140, 1947.
 Neiswander, Down to Earth, 2(3).15, 1946.
 Parencia et al., J. Ec. Ent. 39:334-335, 1946.
 Pickett, N. S. Fruit Grow. Assoc. R. 84 77,79, 1947.
 Plummer, East. Fruit Grow. 9(6).6,10, 40, 1946.
 Rice & Stearns, Peninsula Hort. Soc. Trans. 59:26,28-29, 1946.
 Slate, Conn. R. f. 1944/45.20.
 Zappe, Conn. B. 488 421, 1945.

INSECTICIDES - DDT - EFFECT ON PLANTS

- Annand, USDA EPQ R. f. 1944/45.12. f. 1946/47 5.
 i Appelman & Sears, Amer. Soc. Agron J. 38:545-550, 1946.
 Armand, Can. Food Indus. 18(9).27, 1947.
 Bishopp, Amer. J. Pub. Health 36:594-595; Pests 14(8):14.16, 1946.
 Broyer, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944-31, 1945.
 Clark & Hoveland, Wis. B. 472:4,8, 1947.
 Creighton, Cit. Indus. 26(12):7, 1945.
 Cullinan, Agr. Chem. 2(5):18-20, 1947.
 Daggy, Minn. Hort. 74:67, 1946.
 b Dudley, USDA EPQ E-715,10 p., 1947.
 Fleming, USDA EPQ E-724:13-22; 737,20 p., 1947.
 i Fults & Payne, Torrey Bot. Club B. 74:112-114, 1947.

INSECTICIDES - DDT - EFFECT ON PLANTS--Continued.

- Hawkins et al., Maine B. 449:295-298, 1947.
 Hill, Neb. Res. B. 138:13, 1945.
 Hovey, East. States Coop 22(2):12, 1946.
 Kelsheimer, Fla. B. 434:9-11,15-17, 1947.
 Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 31 274-275, 1946.
 Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46 26, 1947.
 Peterson & Palmer, Continental Can Co. Res. Dept. B. 7.19-20, 1945.
 Roark & McIndoo, USDA EPQ E-728 17-20, 1947.
 Tanada et al., Hawaii R. f. 1944/46 69-73, 1947.
 White, USDA EPQ E-692 13-17, 1946.
 i Wilson & Slesman, Ohio Bimo. B. Farm & Home Res. 32 58-62, 1947.
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32 79-83, 1947.
 Young, USDA EPQ E-662 13, 1945.
 U. S. War Dept. TB Med 194(PB-2436): 29, 1945.

INSECTICIDES - DDT - EFFECT ON PLANTS, see also INSECTICIDE INJURY - DDT

INSECTICIDES - DDT - EFFECT ON POLLEN

- Eckert, J. Ec. Ent. 38.371, 1945.
 INSECTICIDES - DDT - EFFECT ON
SEED GERMINATION
 Brooks & Anderson, J. Ec. Ent. 40 222-223, 1947.

INSECTICIDES - DDT - EFFECT ON SOIL MICRO-ORGANISMS Wilson & Choudhri, J. Ec. Ent. 39. 537-538, 1946.

INSECTICIDES - DDT - EFFECT ON YEAST FERMENTATION Timonin, Sci. Agr. 26 122-129, 1946.

INSECTICIDES - DDT - EFFECT ON YIELD

- Bonde & Snyder, Amer. Potato J. 23 418, 1946.
 Chapman & Allen, Wis. Hort. 37:231, 1947.
 Clark & Hoveland, Wis. B. 472 18-19, 1947.
 Hawkins et al., Maine B. 449:297-298, 1947.
 Linn, Ill. Veg. Grow. B. 7(2).10-14, 1947.
 Munro et al., N. Dak. Bimo. B. 9.109-110, 1947.
 i Rawlins, N. Y. (G.) Farm Res. 13(1). 1, 1947.

INSECTICIDES - DDT - FORMULAE Holdaway, Hawaii Farm & Home 9(1). 14-15, 1946.

- U. S. Army Med. Dept. Bul. 86.13-14, 1945.

INSECTICIDES - DDT - FORMULA- TIONS

- Chisholm, USDA EPQ E-643,7 p., 1945.
 Ginsburg, Mosq. News 6:29-31, 1946.

INSECTICIDES - DDT - FORMULATIONS--Continued.

- Jones et al., J. Ec. Ent. 38:207-210, 1945.
 Roark & McIndoo, USDA EPQ E-728. 10-12, 1947.
 Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 64,5 p., 1947.
 Ross, Can. Grow. 70(4).19-20, 1947.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:2-4.
 USDA EPQ E-714,9 p., 1947.
 INSECTICIDES - DDT - FORMULATIONS - TESTS
 Vickers, Ent. Soc. Ont. R. 77.19-20, 1947.
 INSECTICIDES - DDT - FURNITURE POLISH
 Lindquist et al., J. Ec. Ent. 38.260, 1945.
 INSECTICIDES - DDT - GREASES
 Matthysse, J. Ec. Ent. 39:65, 1946.
 INSECTICIDES - DDT - HAZARDS & SAFEGUARDS
 Boyce, Cal. Cit. Expt. Sta. News Let. 24,2 p., 1945.
 Burton, U. S. Navy BUMED News Let. 7(4):15, 1946.
 Carrick, West. Paint Rev. 32(3).26A, 1946.
 Cox, Pests 13(7).10,12-13, 1945.
 Curran, Nat. Hist. 54 432, 1945.
 Curran, Pop. Sci. Monthly 148(2) 74, 1946.
 Daggy et al., Minn. Ext. B. 252.16, 1946.
 Decker & Weinman, Ill. Ext. C. 603. 3-4, 1946.
 i Dent, Farmacéutico 23(6) 40-41, 92, 1947.
 Feiner & Resnick, Ladies' Home J. 63(6).177, 1946.
 Fisher, Creamery J. 57(5).16, 1946.
 Fisher & Fluke, Wis. Ext. Sp. C., Oct. 1945:4.
 Gray, Cal. Med. 65.62-63, 1946.
 Guyton, Vet. Med. 41 198, 1946.
 Henderson, N. J. Mosq. Exterm. Assoc. P. 32:79-80, 1945.
 Henderson, Soap & Sanit. Chem. 22 (11):143, 1946.
 Henderson, USDA EPQ E-681.3-4; 701:7-8, 1946.
 Heuberger, House & Gard. 89(1):86, 1946.
 Holdaway, Plantation Health 10(1):23-26, 1946.
 Hoskins, Pest Control & Sanit. 1(2). 23, 1946.
 Imes et al., USDA FB 909 rev.:8,10, 1947.
 Jacobs, Baker's Digest 20(2):34, 1946.
 Jenkins & Christian, Ind. Pharm. 27: 355, 1945.
 Johnson, Food Mater. & Equip. 5(10) 5, Macaroni J. 27(7):22, 1945.
 Johnson, Miss. Doctor 22:270, 1945.
 Johnson & Quackenbush, Flower Grow. 34:517, 1947.
 Jones, Better Homes & Gard. 24(3): 10,101, 1945.
 Kelsheimer, Fla. PB 631.4, 1947.

INSECTICIDES - DDT - HAZARDS & SAFEGUARDS--Continued.

- Kent, Pop. Mech. Mag. 85(5):99,102-103, 1946.
 i Margolius, Collier's 116(20) 27,57, 1945.
 b Mills, Fla. Nat. 19:57-63, 1946.
 Mote, Oreg. C. Inform. 389.2-3, 1946.
 Parker, Food Indus. 18 334, 1946.
 Price, Ky. Ext. C. 438:8, 1947.
 Randolph, Tex. Acad. Sci. P. & Trans. 29 49, 1946.
 Reed, Amer. Pharm. Assoc. J. Pract. Pharm. Ed. 6.324-325, 1945.
 Reeves et al., Cal. Mosq. Control Assoc. P. 14 67-69, 1946.
 Rentschler, Natl. Petrol. News 38(7) 24, 1946.
 Robinson, Oreg. C. Inform. 381.4 p., 1946.
 Searls, Can. Dairy & Ice Cream J. 24(11) 50, 1945.
 Simmons, Adv. Int. Med. 2.247-248, 1947.
 Simpson et al., Maine Ext. C. 221 6, 1946.
 Simpson et al., Maine Ext. B. 361 8, 1947.
 Smith, Kans. St. Hort. Soc. Ben. R. 48.64, 1946.
 Stage, USDA EPQ E-675.5-6, 1945, 680:2, 1946.
 Stanley, Tenn. Ext. Pub. 293 rev. 6-7, 1947.
 Starker, Pac. Northw. Co-op. 11(4):3, 1947.
 Sweetman, Mass. Ext. Sp. C. 139 4, 1947.
 Tissot, Fla. PB 630.4, 1947.
 Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38 1, 1946.
 Van Kleeck, Conn. Health R. 59:236-237, 1945.
 Warrick, Water & Sewage Works 93: 331, 1946.
 Wean, Pests 13(11).10,12, 1945.
 West, Sewage Works J. 19 80, 1947.
 i White, N. C. St. Bd. Health, Health B. 60(10):9, 1945.
 Natl. Safety Council, Cal. Citrog. 31. 382-383, 1946.
 i Natl. Safety Council, Natl. Safety Rev. 4(2):5-6, 1946.
 USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests. 2, 1947.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:7, 1947.
 U. S. War Dept. TB Med 194(PB-2436): 2-4, 1945.
 U. S. War Dept. TM 5-632 (PB-2435). 123, 1945.
 INSECTICIDES - DDT - HISTORY
 Carrick, West. Paint Rev. 32(3):26A, 1946.
 Müller, Pests 13(10).23, 1945.
 Müller, Pest Control & Sanit. 1(8):14, 1946.
 b Roark, Agr. Chem. 1(3):21-23,57-61; (4):29-32, 1946.

INSECTICIDES - DDT - HISTORY--Continued.

- Roeder, Wis. Country Mag. 39(5):28, 1946.
Geigy Co., Inc., Pest Control & Sanit. 1(8):15-16, 18, 1946.
INSECTICIDES - DDT - HOSPITAL USE
i Dove, DDT Insect Control to Open New Era in Hosp. Sanit., 3 p., 1945. (Repr. from Hosp. Mangt. Aug. 1945.)
INSECTICIDES - DDT - INFRARED ABSORPTION
i Andrews et al., U. S. Pub. Health Rpts. 61 451-453, 1946.
INSECTICIDES - DDT - INSECT COLLECTIONS
Fletcher, Pests 15(3):22, 1947.
INSECTICIDES - DDT - LABELS
Bishopp, Amer. J. Pub. Health 36:597, Pests 14(8) 18, 1946.
Carrick, West. Paint Rev. 32(3) 30A, 1946.
Cox, Pests 13(7):12, 1945.
Fisher & Fluke, Wis. Ext. DDT Its Present Uses & Limitations. 3-4, Oct. 1945. (Spec. C.)
Hutson, Mich. For. & Park Assoc. Ann. Mtg. 20:16, 1946.
Jenkins & Christian, Ind. Pharm. 27. 351-356, 1945.
Lemmon, Cal. Dept. Agr. B. 34 262-264, 1946.
Lemmon, Agr. Chem. 2(6) 29, 1947.
Reed, Amer. Pharm. Assoc. J. Pract. Pharm. Ed. 6:322-325, 1945.
Reed, J. Ec. Ent. 38 416, 1945.
Reed, Soap & Sanit. Chem. 21(5) 135. (9) 124A-124C, 124E-124F. 1945, 22 (1) 119, 137, 1946.
Smith, J. Ec. Ent. 39:270-271, 1946.
Wean, Pests 13(11) 9-10, 12, 1945.
USDA Prod. & Mktg. Adm. Mktg. Activities 8(10):8-11, 1945.
U. S. Prod. & Mktg. Adm., Oil, Paint & Drug Rptr. 148(11):3, 61, 1945.
INSECTICIDES - DDT - LEGISLATION
Bailey, Agriview 5(3):1, 1946.
Reed, Soap & Sanit. Chem. 22(1):119, 137, 139, 1946.
INSECTICIDES - DDT - LIMITATIONS
Daggy, Minn. Hort. 74:68, 1946.
Ross, Pests 13(8):6, 8, 10, 1945.
INSECTICIDES - DDT - LITERATURE
Fulton, Cal. Citrog. 31:127, 1946.
Roark & McIndoo, USDA EPQ 687, 73 p., 1946; E-728, 164 p., 1947.
INSECTICIDES - DDT - MANUFACTURERS
Feiner, Food Indus. 17:1447, 1945.
i Pennsylvania Salt Mfg. Co., Chem. Ind. 61:60-61, 1947.
INSECTICIDES - DDT - MARKETING
Bishopp, Amer. J. Pub. Health 36:597, 1946.
Reed, Oil, Paint & Drug Rptr. 148(11). 3, 41, 1945.
Smith, J. Ec. Ent. 39:270-271, 1946.
INSECTICIDES - DDT - OINTMENTS.
see **INSECTICIDES - OINTMENTS - DDT**

INSECTICIDES - DDT - PAINT

- Campbell & West, Sci. News Let. 47:25, 1945.
Carrick, Paint, Oil & Chem. Rev. 108 (21/22):104-105, Amer. Paint J. 30 (5-A) 12, 14-15; Oil, Paint & Drug Rptr. 148(19):44-45, 1945.
Carrick, West. Paint Rev. 32(3) 26A, 28A, 30A, 1946.
Hanawalt, M. S. C. Vet. 5:166, 1945.
Laake, Kans. St. Bd. Agr. R. 65(272):91, 1946.
Lindquist et al., J. Ec. Ent. 38:258-259, 1945.
Marchand, Science 104:74-75, 1946.
Marshall, Paint, Oil & Chem. Rev. 108(18) 30, 1945.
Medbery, Fruit Prod. J. & Amer. Food Mfr. 25 115, 118, Natl. Bottlers' Gaz. 64:76, 1945.
Stuckey, Ga. R. 58:82, 1946.
i Westgate & Bolton, Natl. Paint Varnish & Lacquer Assoc. Sci. Sect. C. 715 26-33, 1946.
INSECTICIDES - DDT - PANEL DISCUSSION
Cory et al., Peninsula Hort. Soc. Trans. 59 18-41, 1946.
INSECTICIDES - DDT - PATENTS
Roark & McIndoo, USDA EPQ E-728 29-30, 1947.
INSECTICIDES - DDT - "PER CENT DDT"
Ditman et al., J. Ec. Ent. 39 204, 1946.
INSECTICIDES - DDT - PHYSICAL PROPERTIES
bi Andrews et al., U. S. Pub. Health Rpts. 61 450-456, 1946.
Carrick, West. Paint Rev. 32(3) 26A, 1946.
Fleck & Preston, Soap & Sanit. Chem. 21(5):111, 113, 1945.
U. S. War Dept. TB Med 194(PB-2436):1-2, 1945.
INSECTICIDES - DDT - PLASTERED SURFACES
Lindquist et al., J. Ec. Ent. 38:259, 1945.
INSECTICIDES - DDT - PREPARATION
Balles, J. Chem. Educ. 22:122, 1945.
b Cook et al., Indus. & Engin. Chem. Indus. Ed. 39:868-870, 1947.
bi Eastwood et al., Can. J. Res. Sect. B 25:509-524, 1947.
bi Mosher et al., Indus. & Engin. Chem. Indus. Ed. 38:916-923, 1946.
Simons et al., Amer. Chem. Soc. J. 68:1613-1615, 1946.
b Sumerford, Amer. Pharm. Assoc. J. Sci. Ed. 36:127-128, 1947.
INSECTICIDES - DDT - PRIORITIES
Roark & McIndoo, USDA EPQ E-728: 27-29, 1947.
INSECTICIDES - DDT - PRODUCTION
b Castonguay & Ferm, Kans. Acad. Sci. Trans. 49:167-174, 433-435, 1946.
Darling, J. Chem. Educ. 22:170, 1945.

INSECTICIDES - DDT - PRODUCTION--
Continued.

- i Duffie, Indus. & Power-53(4):86-87, 1947.
- i Neil et al., Can. Chem. & Process Indus. 30(8):77-80, 1946.
- Roark & McIndoo, USDA EPQ E-728. 26, 1947.
- b Rueggeberg & Torrains, Indus. & Engin. Chem. Indus. Ed. 38:211-214, 1946.

INSECTICIDES - DDT - PUBLIC HEALTH USE

- b Hanson, Pests 14(8):10,12,14, 1946.
- White, N. C. St. Bd. Health, Health B. 60(10):4-9, 1945.

INSECTICIDES - DDT - RELATED COMPOUNDS

- Barré & Dubreuil, Assoc. Can.-Franç. Avanc. Sci. Ann. 13:76, 1947. (Abs.)
- Bishopp, Agr. Chem. 1(6):39-40, 1946.
- Chase, Sci. News Let. 50:152, 1946.
- Creighton, Natl. Shade Tree Conf. P. 23:111, 1947.
- Johnson, Sci. Amer. 174:258, 1946.
- Kirkwood & Dacey, Can. J. Res. Sect. B. 24:69-72, 1946.
- Martin, N. J. R. 66:89, 1946.
- b Odum & Sumerford, Science 104:480-482, 1946.
- Odum & Summerford, Sci. News Let. 49:216, 1946.
- b Prill et al., Boyce Thompson Inst. Contrib. 14:341-353, 1946.

INSECTICIDES - DDT - RELATED COMPOUNDS, see also INSECTICIDES - 2,2-BIS(p-BROMOPHENYL)-1,1,1-TRICHLOROETHANE; INSECTICIDES - 1,1-(BIS-CHLOROPHENYL)-2,2,2-FLUOROETHANE, 2,2-BIS(p-TERTBUTYLPHENYL)-1,1,1-TRICHLOROETHANE; INSECTICIDES - CHLOROMETHYL-p-CHLOROPHENYLSULFONE (LAU-SETO-NEU); INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE; INSECTICIDES - DIFLUOR-DIPHENYL-TRICHLOROETHANE; INSECTICIDES - METHOXYCHLOR

INSECTICIDES - DDT - RELATED COMPOUNDS - CHEMISTRY

- b Cristol, Amer. Chem. Soc. J. 67: 1494-1498, 1945.

INSECTICIDES - DDT - RELATED COMPOUNDS - PHYSICAL PROPERTIES

- bi Andrews et al., U. S. Pub. Health Rpts. 61:450-456, 1946.

INSECTICIDES - DDT - RELATED COMPOUNDS - PREPARATION

- b Sumerford, Amer. Pharm. Assoc. J. Sci. Ed. 36:127-128, 1947.

INSECTICIDES - DDT - RELATED COMPOUNDS - TOXICITY

- b Oettingen & Sharpless, J. Pharm. & Expt. Ther. 88:400-413, Dec. 1946.
- b Prill et al., Science 101:464-465, 1945.
- Smith et al., Fed. P. Pt. 2, 5(1):203-204, 1946. (Abs.)

INSECTICIDES - DDT - RELATED COMPOUNDS - TOXICITY TO ANIMALS

- i Lillie et al., Arch. Path. 43:127-142, 1947.
- b Oettingen & Sharpless, J. Pharm. & Expt. Ther. 88:400-413, 1946.
- b Smith et al., J. Pharm. & Expt. Ther. 88:359-365, 1946.

INSECTICIDES - DDT - RELATED COMPOUNDS - TOXICITY TO FISH

- Ginsburg, Science 105:233-234, 1947.

INSECTICIDES - DDT - RELATED COMPOUNDS - TOXICITY TO INSECTS

- b Haller, Indus. & Engin. Chem. Indus. Ed. 39:468-469, 1947.

- b Proverbs & Morrison, Can. J. Res. Sect. D 25 22-24, 27-44, 1947.

INSECTICIDES - DDT - RELATED COMPOUNDS - X-RAY STUDY

- Schneider & Fankuchen, Amer. Chem. Soc. J. 68:2669-2670, 1946.

INSECTICIDES - DDT - RESEARCH

- Annand, USDA EPQ R. f. 1946/47.1-21.

- Lambert, Sci. News Let. 51:230, 1947.

- b Roark, Agr. Chem. 1(3) 21-23, 57-61, (4):29-32, 1946.

INSECTICIDES - DDT - RESIDUAL EFFECTS

- Brett & Fenton, J. Ec. Ent. 39:397-398, 1946.

- Dominick, Va. B. 406:14-17, 1947.

- Fenton, Amer. Hereford J. 36(23) 12-13, 1946.

- Frazier & Stafford, J. Ec. Ent. 40. 493-494, 1947.

- Gaddis & Goodhue, J. Ec. Ent. 40. 242-244, 1947.

- b Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:9-23, 1946.

- Glasgow, Mosq. News 7:27, 1947.

- Hanson, Pests 14(8):10,12,14, 1946.

- b Kartman, Amer. J. Trop. Med. 26: 841-848, 1946.

- Kartman & Silveira, J. Ec. Ent. 39: 356-359, 1946.

- Matthysse, J. Ec. Ent. 39:62-65, 1946.

- Nettles, S. C. Ext. C. 284:6, 1946.

- Rawlins, Amer. Potato J. 23:142-143, 1946.

- Simmons, U. S. Pub. Health Rpts.

- Sup. 186:8-18, 1945.

- Trapido, J. Ec. Ent. 40:472-475, 1947.

- Wilson, Food Packer 27(4):63-64, 1946.

- Yates & Gjullen, Mosq. News 7:6, 1947.

- Young, USDA EPQ E-662:10-12, 1945.

- U. S. War Dept. TB Med 194(PB-2436):2, 1945.

INSECTICIDES - DDT - SCREENS

- Trapido, J. Ec. Ent. 40:473-475, 1947.

INSECTICIDES - DDT - SOAP

- Sci. News Let. 49:56, 1946.

INSECTICIDES - DDT - SOLVENTS

- Annand, USDA EPQ R. f. 1945/46:10.

- Castonguay & Ferm, Kans. Acad. Sci. Trans. 49:434-435, 1946.

- Gunther, J. Chem. Educ. 22:240, 1945.

INSECTICIDES - DDT - SOLVENTS--
Continued.

- Roark & McIndoo, USDA EPQ E-728·
8-9, 1947.
- INSECTICIDES - DDT - SPECIFICA-
TIONS (FEDERAL)
Agr. Chem. 2(8) 50,53, 1947.
Soap & Sanit. Chem. 23(8) 137,139,
1947.
- INSECTICIDES - DDT - STABILITY
Fleck & Haller, Amer. Chem. Soc. J.
68.142-143, 1946.
- INSECTICIDES - DDT - STATUS
Creighton, Cit. Indus. 26(12) 5-7,22,
1945.
- INSECTICIDES - DDT - SUPPLIES
Rodda, Chem. Indus. 56 409, 1945.
Rohwer, Agr. Chem. 1(1) 25, 1946.
- INSECTICIDES - DDT - SURFACES,
CALCIMINED
Lindquist et al., J. Ec. Ent. 38.259,
1945.
- INSECTICIDES - DDT - SYMPOSIUM
Ebeling et al., Cal. Citrog. 31 113,
126-127, 1946.
- INSECTICIDES - DDT - TERMINOLOGY
Manufacturing Chem. Assoc. U S.,
DDT Comm. Definition of Terms
for DDT, 1 p., July 10, 1945.
Manufacturing Chem. Assoc. U. S.,
DDT Comm. J. Ec. Ent. 38 516, 1945.
- INSECTICIDES - DDT - TESTS
i Anderson, J. Ec. Ent. 40 31-33, 1947.
Anderson & Brooks, J. Ec. Ent. 40
200-205, 1947.
Annand, USDA EPQ R. f. 1943/44.27,
f. 1944/45 8-18.
b Arnason et al., Can. Ent. 79 174-180,
1947.
Baker & Porter, USDA EPQ E-637,
9 p., 1945.
Batchelder & Questel, USDA EPQ E-
659, 11 p., 1945.
Bigger et al., J. Ec. Ent. 40 401-407,
1947.
Bishopp, Agr. Chem. 1(6) 39, 1946.
Bishopp, Canner 102(10) 14,18, 1946.
Bishopp, J. Ec. Ent. 39 454-455, 1946.
Bourne & Whitcomb, Mass. B. 428 34-
35, 1945; 436:34-37, 1946.
Brandes & Swisher, N. Dak. Bimo. B.
8(3):33-39, 1946.
Bruce, J. Ec. Ent. 39:662-663, 1946.
i Bruce & Blakeslee, J. Ec. Ent. 39.
367-374, 1946.
Buck & Keister, Anat. Rec. 94:375,
1946. (Abs.)
Carruth, N. Y. (G.) R. 63:27, 1945.
Chandler et al., Ill. St. Hort. Soc.
Trans. 79.387-389, 1946.
Clapp, U. S. TVA R. f. 1944/45:55.
Cockerham et al., USDA EPQ E-691,
7 p., 1946.
Cotton et al., USDA EPQ E-641,7 p.,
1945.
Cox, Blue Anchor 22(2):18, 1945.
Craighead & Brown, USDA EPQ E-649,
7 p., 1945.
Davis, J. Ec. Ent. 39:59-60, 1946.
b Dean, J. Ec. Ent. 40:183-189, 1947.
DeBach, J. Ec. Ent. 39:695-697, 1946.

INSECTICIDES - DDT - TESTS--Contin-
ued.

- Decker, Ill. St. Hort. Soc. Trans. 78:
354-359, 1945.
Decker et al., J. Ec. Ent. 40:395-400,
1947.
Dews & Morrill, J. Ec. Ent. 39:349-
355, 1946.
Douglass et al., Ida. B. 269 31-32,
1947.
Fenton, Amer. Hereford J. 36(23) 12-
13, 1946.
Filmer & Smith, J. Ec. Ent. 39:309-
313, 1946.
b Fletcher et al., J. Ec. Ent. 40:594-
596, 1947.
Frazier & Stafford, J. Ec. Ent. 40
487-495, 1947.
Fulton, N. C. Res. & Farm (Prog. R.
1) 5.11-12, 1946.
Gaines & Dean, J. Ec. Ent. 40.454,
1947.
Gould, Ind. R. 58.54,56-57, 1945.
Grayson & Poos, J. Ec. Ent. 40:252-
256, 1947.
Gyrisko, et al., J. Ec. Ent. 38:169-
173, 1945.
Harman, N. Y. (G.) R. 64.31-32, 1946.
Haviland, J. Ec. Ent. 40 417-418,
1947.
Herms, Cal. Mosq. Control Assoc. P.
14.3-6, 1946.
b Hixson & Muma, J. Ec. Ent. 40 596-
598, 1947.
Holdaway & Nishida, Hawaiian Acad.
Sci. P. 21.7-8, 1945. (Abs.)
Jenkins, Mo. St. Hort. Soc. Hort.
News 5(5).3, 1945.
Jensen & Holdaway, J. Ec. Ent. 39
283-286, 1946.
Jeppson & Borden, in Cal. Agr. Expt.
Sta., Invest with DDT in Cal. 1944
11-12, 1945.
Jones, J. Ec. Ent. 38:122, 1945.
Jones, Oreg. Dept. Agr. B. 148.12-13,
1945.
Kay, Gard. Club Amer. B. Ser. 10(4).
18-23, 1946.
b Kulash, J. Ec. Ent. 38:609-610,
1945; 40:651-654,851, 1947.
i Lindquist et al., J. Ec. Ent. 38.541-
544, 1945.
Lindquist et al., Kans. Ent. Soc. J. 19:
13-15, 1946.
List, Colo. Farm B. 7(5).4-5,14-15,
1945.
List, J. Ec. Ent. 40:108-111, 1947.
Loftin, USDA EPQ E-657,6 p., 1945.
b McKelvey et al., J. Ec. Ent. 40:477-
479, 1947.
McLeod, J. Ec. Ent. 39:632-637, 1946.
b Madden et al., J. Ec. Ent. 38:265-
271, 1945.
Marcovitch & Stanley, Tenn. R. 59.
91-94, 1947.
Medler & Scholl, J. Ec. Ent. 40:579-
581, 1947.
b Metcalf, J. Ec. Ent. 40.522-525,
1947.
Metcalf et al., U. S. Pub. Health Rpts.
60:753-774, 1945.

INSECTICIDES - DDT - TESTS--Continued.

- Morrison, J. Ec. Ent. 38:410, 1945.
 Munro & Hoyman, N. Dak. Bimo. B. 8(3):25-30, 1946.
 Osburn & Stahler, USDA EPQ E-683, 3 p., 1946.
 Packard, USDA EPQ E-640, 9 p., 1945.
 Parker, USDA EPQ E-653, 7 p., 1945.
 Pepper, Pa. B. 475 sup. 1:1-2, 1946.
 b Plummer & Shaw, J. Ec. Ent. 40. 483-486, 1947.
 Questel, USDA EPQ E-671, 7 p., 1945.
 Roberts, J. Ec. Ent. 40:571-572, 1947.
 Rockwood & Reeher, USDA EPQ E-650, 8 p., 1945.
 bi Romney et al., USDA EPQ E-672, 16 p., 1945.
 b Scholl & Medler, J. Ec. Ent. 40:447-448, 1947.
 Shaw & Bourne, J. Ec. Ent. 39:544, 1946.
 Simmons, U. S. Pub. Health Rpts. Sup. 186:3-20, 1945.
 Simmons, J. Ec. Ent. 39:15-17, 1946.
 Smith, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944 7-8, 1945.
 Smith, Kans. St. Hort. Soc. Bien. R. 48:63-67, 1945.
 Smith & Gouck, J. Ec. Ent. 38:553-555, 1945.
 i Snapp, J. Ec. Ent. 39:41-43, 1946.
 Stahl, J. Ec. Ent. 39:611, 1946.
 Stearns et al., J. Ec. Ent. 40:80-83, 1947.
 Steinweden, Cal. Dept. Agr. B. 34:178-180, 1946.
 Telford, J. Ec. Ent. 38:700-703, 1945.
 Telford & Harwood, J. Ec. Ent. 38:399, 1945.
 Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:87-88, 1947.
 Tobias & Kollros, Anat. Rec. 94:421, 1946. (Abs.)
 Tobias et al., Anat. Rec. 94:375-376, 1946. (Abs.)
 b Walton, J. Ec. Ent. 40:389-395, 1947.
 Watson, Fla. R. f. 1944/45:66.
 Weinman et al., J. Ec. Ent. 40:92-97, 1947.
 White, USDA EPQ E-642, 8 p., 1945, 692, 17 p., 1946.
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:199-208, 1946.
 Wilson et al., J. Ec. Ent. 40:101-103, 1947.
 Young, USDA EPQ E-662, 14 p., 1945.
 bi Yust, J. Ec. Ent. 40:762-768, 1947.
 INSECTICIDES - DDT - TESTS - BEAR MOUNTAIN AREA
 Curran, Nat. Hist. 54:404-405, 432, 1945.
 INSECTICIDES - DDT - TESTS - CALIFORNIA
 Essig & Michelbacher, Amer. Fruit Grow. 66(2):40, 48, 1946.
 INSECTICIDES - DDT - TESTS, COMPARATIVE
 Anderson, J. Ec. Ent. 38:564-566, 1945.
 Chapman et al., J. Ec. Ent. 40:575-576, 1947.

INSECTICIDES - DDT - TESTS, COMPARATIVE--Continued.

- Dustan et al., Sci. Agr. 26:106-120, 1946.
 Eddy & Bushland, U. S. Navy BUMED News Let. 9(2):7-8, 1947.
 b Hockett, J. Ec. Ent. 39:184-188, 1946.
 b Ivy et al., J. Ec. Ent. 38:534-536, 1945.
 INSECTICIDES - DDT - TESTS, NON-FEDERAL
 U. S. Bur. Ent. & Plant Quar. E-644, E-644a-v various paging, 1945.
 INSECTICIDES - DDT - TIMING
 Annand, USDA EPQ R. f. 1945/46:7.
 INSECTICIDES - DDT - TOLERANCE
 Boyce, Cal. Avocado Soc. YB f. 1946:85.
 b Calvery, Food Packer 26(5):61-62, 1945, Hoosier Hort. 27:67-69, 1945, Tex. Vet. B. 7(8):2, 6, 1945.
 Douglas et al., Cal. Mosq. Control Assoc. P. 15:37, 1947.
 Essig & Michelbacher, Amer. Fruit Grow. 66(2):40, 1946.
 Gardner, Mich. R. 59 in Mich. St. Bd. Agr. R. 85:266, 1947.
 Robinson, Oreg. C. Inform. 412:1, 3, 413:1-2, 1947.
 INSECTICIDES - DDT - TOXICITY
 Anderson, Cal. Mosq. Control Assoc. P. 14:39-43, 1946.
 Babione, N. Eng. J. Med. 236:643-644, 1947.
 b Bishopp, N. Y. Acad. Med. B. 21:571-572, 1945.
 Bishopp, Amer. J. Pub. Health 36:593-594, Pests 14(8):14, 1946.
 Bishopp, Food Field Rptr. 14(4):50, 1946.
 Boyce, Cal. Cit. Expt. Sta. News Let. 24, 2 p., 1945.
 Boyce, Cit. Leaves 25(11):10, Cal. Citrog. 31:68-69, 1945.
 Breakey, Wash. Packer 11(8):10, 1946.
 Carpenter et al., J. Invest. Dermat. 7:96-97, 1946.
 Carrick, West. Paint Rev. 32(3):26A, 28A, 1946.
 Clarke, N. J. Mosq. Exterm. Assoc. P. 34:131, 1947.
 i Colladay, Kiwanis Mag. 31(10):11-13, 1946.
 Corliss, Trees 8(1):7, 16, 1947.
 Curran, Nat. Hist. 54:402, 1945.
 b Davison, Pests 13(1):22, 24, 1945.
 Dunbar, U. S. Food & Drug Adm. Ann. R. f. 1944/45:6.
 Evans, Canner 103(9):32, 34, 1946.
 Fisher, Bakers' Helper 86(1069):48-49, 1946.
 Fisher, Food Packer 27(2):50, 56, 1946.
 Fluke, Amer. Natl. Fur & Mkt. J. 24(3):6, 1945.
 Garrett, Med. Assoc. Ala. J. 17:74-76, 1947.
 b Getting, New Eng. J. Med. 232:376, 1945.
 Guyton, Vet. Med. 41:198, 1946.
 Harris, Norden News 19(5):8, 1945.

INSECTICIDES - DDT - TOXICITY--

Continued.

- Henderson, Soap & Sanit. Chem. 22(11) 143, 1946.
 Hoffman, Ent. Soc. Wash. P. 48:50-51, 1946. (Abs.)
 Hovey, East. States Coop. 22(2) 12-13, 1946.
 Hutson, Mich. For. & Park Assoc. Ann. Mtg. 20:16-17, 1946
 Jacobs, Baker's Digest 20(2) 33-34, 1946.
 i Killhffer, Sci. Amer. 174 5-7, 1946.
 b Leary et al., DDT & the Ins. Prob. 33-41, 1946.
 Mattoon, For. Leaves 35(6) 3, 1945.
 Munch, Pests 13(7) 8, 1945.
 Neal, Pests 13(1) 10, 1945.
 Neal, Soap & Sanit. Chem. 21(1) 99-101, 111, 1945.
 b Neal & Von Oettingen, Med Ann D C. 15 15-19, 1946.
 b Neal & Von Oettingen, Soap & Sanit Chem 22(7) 135, 137, 139, 141, 143, 1946.
 Parran, U. S. Pub. Health Serv. R. 73 [i.e. 74] f. 1944:45 47, 74 [i.e. 75] f. 1945/46 283, 290.
 b Peterson & Palmer, Continental Can Co. Res. Dept. B. 7 10-12, 1945.
 Richards, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 67-68, 1946.
 Ross, Pests 13(8) 8, 1945.
 Rothman & Felsner, Ann. Rev. Physiol 8 136-137, 1946.
 Schwardt, Milk Dealer 35(7) 116-117, 1946.
 Schwardt, Natl. Butter & Cheese J. 37 (4) 70, 72, Ice Cream Rev. 29(9):112, 1946.
 Schwardt, N. J. Dept. Health Pub. Health News 28 116-117, 1946.
 b Simmons, N. Y. St. J. Med. 46 985-986, 1946.
 Simmons, Adv. Int. Med. 2 246-248, 1947.
 Smith, Amer. Med. Assoc. J. 131:519-520, 1946.
 bi Smith & Stohlman, U. S. Pub. Health Rpts. 60:289-301, 1945.
 Stage, Mosq. News 6 1-6, 1946.
 Standen, Life 21(2):54, 1946.
 Stansbury, Carolina Co-op. 23(11) 11, 14, 24, 1945.
 i Stohlman, U. S. Pub. Health Rpts. 60:350-353, 1945.
 Stone, Amer. Med. Assoc. J. 132:507-509, 1946.
 Stryker & Godfrey, Mo. Med. Assoc. J. 43 384-386, 1946.
 Taggart, Cornell Vet. 36:165-166, 1946.
 Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19:29-30, 1946.
 Telford, Soap & Sanit. Chem. 21(12) 161, 163, 167, 169, 1945.
 Terres, New Repub. 114:415-416, 1946.
 Welsh & Gordon, Fed. P. Pt. 2, 5(1). 112, 1946. (Abs.)
 bi Westerfield, Vet. Med. 41:355-360, 1946.

INSECTICIDES - DDT - TOXICITY

Whitcomb et al., Mass. Ext. Sp. C. 135 rev. 1-2, 1947.

- b Wilson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 56-63, 1946.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 7, 1947.
 U. S. Food & Drug Adm., Oil, Paint & Drug. Rptr. 148(21) 5, 1945.
 U. S. War Dept. TB Med 194(PB-2436):2-4, 1945.
 INSECTICIDES - DDT - TOXICITY, see also INSECTICIDES - DDT AN-TIDOTES, INSECTICIDES - DDT - TOLERANCE
 INSECTICIDES - DDT - TOXICITY - ABSORBABILITY FACTOR
 b Tobias et al., J. Pharm. Expt. Ther. 86 287-293, 1946.
 INSECTICIDES - DDT - TOXICITY - DAIRY PRODUCTS
 Fitzhugh, Oil, Paint & Drug Rptr. 152 (12) 50, 1947.
 b Howell et al., J. Dairy Sci. 30 717-721, 1947.
 Schwardt et al., J. Ec. Ent. 40 365, 1947.
 Sherman & Burns, Assoc. South. Agr. Workers P. 44 83, 1947. (Abs.)
 bi Spicer et al., Vet. Med. 42:289-290, 293, 1947.
 Telford & Guthrie, Science 102 647, 1945.
 Telford & Guthrie, Sci. News Let. 49 5, 1946
 DDT Com. Wis. Agr. Expt. Sta., Can-ning Trade 69(49) 7, 21, 1947.
 INSECTICIDES - DDT - TOXICITY - EXCRETION
 bi Neal et al., U. S. Pub. Health Rpts. 61 403-409, 1946.
 Smith, Amer. Med. Assoc. J. 131:519-520, 1946.
 INSECTICIDES - DDT - TOXICITY - SKIN REACTIONS
 Chin & T'Ant, Science 103:654, 1946.
 INSECTICIDES - DDT - TOXICITY - SYMPOSIUM
 Beard, J. Ec. Ent. 39 425, 1946.
 INSECTICIDES - DDT - TOXICITY - TESTS
 Carollo, Amer. Waterworks Assoc. J. 37 1310-1317, 1945.
 Jordan, Amer. Waterworks Assoc. J. 37:1317, 1945.
 Laug, T. Pharm. & Expt. Ther. 86 324-331, 1946.
 INSECTICIDES - DDT - TOXICITY OF DDT-KILLED INSECTS
 b George & Mitchell, J. Ec. Ent. 40. 782-789, 1947.
 b Ginsburg, J. Ec. Ent. 40:275-276, 1947.
 Kingscote & Jarvis, Can. J. Compar. Med. 10:216, 1946.
 Michelbacher & Smith, Cal. C. 365: 94, 96-97, 1946.
 INSECTICIDES - DDT - TOXICITY TO ANIMALS
 Albrecht, All-Pets Mag. 16(17):38, 1945.

INSECTICIDES - DDT - TOXICITY TO ANIMALS--Continued.

- Allen et al., J. Dairy Sci. 29:530-531, 1946. (Abs.)
 Annand, USDA EPQ R. f. 1946/47:1-3.
 Battle & Johnson, Anat. Rec. 99:617, 1947. (Abs.)
 b Ping et al., Johns Hopkins Hosp. B. 78:308-315, 1946.
 Carey et al., Soc. Expt. Biol. & Med. P. 62:76-83, 1946.
 Creighton, Cit. Indus. 26(12):7, 1945.
 Douglas et al., Cal. Mosq. Control Assoc. P. 15:35-41, 1947.
 b Dunn et al., U. S. Pub. Health Rpts. 61:1614-1620, 1946.
 bi Fitzhugh & Nelson, J. Pharm. & Expt. Ther. 89:18-30, 1947.
 Fleming, USDA EPQ E-724:22, 1947.
 Getchell, Maine B. 442:141-142, 1946.
 b Haymaker et al., Amer. J. Med. Sci. 212:423-431, 1946.
 Ingle, J. Ec. Ent. 40:264-268, 1947.
 b Jandorf et al., J. Pharm. & Expt. Ther. 88:333-337, Dec. 1946.
 b Kanegis & Roepke, Amer. Vet. Med. Assoc. J. 108:317-318, 1946.
 Kingscote, Can. J. Compar. Med. 10:348-349, 1946.
 Kingscote, Ont. Dept. Agr. Ont. Vet. Col. R. f. 1946/47:35-37.
 Kingscote & Jarvis, Can. J. Compar. Med. 10:211-218, 1946.
 bi Kirk, Vet. Med. 42:76-78, 1947.
 Konst & Plummer, Can. J. Compar. Med. 10:128-136, 1946.
 Koster, Fed. P. 6(1):346, 1947. (Abs.)
 b Laug, J. Pharm. & Expt. Ther. 86:332-335, 1946.
 b Laug & Fitzhugh, J. Pharm. & Expt. Ther. 87:18-23, 1946.
 b Luger, Mech. of Intoxication of DDT Insectic. in Ins. & Warm-Blooded Anim., 24 p., 1946.
 i Lillie et al., Arch. Path. 43:127-142, 1947.
 Ludewig & Chanutin, Soc. Expt. Biol. & Med. P. 62:20-21, 1946.
 McNamara et al., Fed. P. Pt. 2, 5(1). 67-68, 1946. (Abs.)
 Morse, Amer. Vet. Med. Assoc. J. 111:55, 1947.
 b Neal & Von Oettingen, Med. Ann. D. C. 15:15-19, 1946.
 Neal & Von Oettingen, Soap & Sanit. Chem. 22(7):137-138, 1946.
 Neve, Vet. Med. 42:78, 1947.
 b Oettingen & Sharpless, J. Pharm. & Expt. Ther. 88:400-413, 1946.
 Orr & Mott, J. Ec. Ent. 38:428-432, 1945.
 b Philips et al., J. Pharm. & Expt. Ther. 86:213-228, 1946.
 Plummer, Pests 14(2):28, 1946.
 Pluvinaige & Heath, Soc. Expt. Biol. & Med. P. 62:212-214, 1946.
 Riker et al., J. Pharm. & Expt. Ther. 88:327-332, 1946.
 Roark & McIndoo, USDA EPQ E-728:13-17, 1947.
 b Rubin et al., Poult. Sci. 26:410-413, 1947.

INSECTICIDES - DDT - TOXICITY TO ANIMALS--Continued.

- Sarett & Jandorf, Fed. P. Pt. 2, 5(1):151-152, 1946. (Abs.)
 b Sarett & Jandorf, J. Pharm. & Expt. Ther. 91:340-344, 1947.
 Sauberlich & Baumann, Soc. Expt. Biol. & Med. P. 66:642-645, 1947.
 Schwaradt, Milk Dealer 35(7):117, 1946.
 Sherman & Burns, Assoc. South. Agr. Workers P. 44:83, 1947. (Abs.)
 Simms, USDA BAI R. f. 1945/46:25.
 bi Spicer et al., Vet. Med. 42:289-293, 1947.
 bi Stohlman & Smith, J. Pharm. & Expt. Ther. 84:375-379, 1945.
 Telford & Guthrie, Science 102:647, 1945.
 Telford & Guthrie, J. Ec. Ent. 39:413-414, 1946.
 bi White & Sweeney, U. S. Pub. Health Rpts. 60:66-71, 1945.
 Wilson, Food Packer 27(4):63-64, 1946.
 b Willson et al., J. Ec. Ent. 39:801-806, 1946.
 Woodard, Science 102:177-179, 1945.
 Woodard & Ofner, Fed. P. Pt. 2, 5(1):215, 1946. (Abs.)
 Zimmern, Internatl. Com. Rabbit J. 3(26):27-30, 1945.
- INSECTICIDES - DDT - TOXICITY TO ANIMALS, see also INSECTICIDES - DDT - TOXICITY TO WILDLIFE**
- INSECTICIDES - DDT - TOXICITY TO AQUATIC LIFE**
 Annand, USDA EPQ R. f. 1945/46:3-4.
 Elde et al., J. Ec. Ent. 38:492-493, 1945.
 Lackey & Steinle, U. S. Pub. Health Rpts. Sup.:80-89, 1945.
 Metcalf et al., U. S. Pub. Health Rpts. 60:772, 1945.
 Stage, N. J. Mosq. Exterm. Assoc. P. 32:71-72, 1945.
 Yates & Gjullen, Mosq. News 7:6, 1947.
- INSECTICIDES - DDT - TOXICITY TO CRUSTACEA**
 Anderson, Science 102:539, 1945.
 Welsh & Gordon, Anat. Rec. 96:557, 1946.
- INSECTICIDES - DDT - TOXICITY TO FAUNA OF FOREST FLOOR**
 Sailer, Ent. Soc. Wash. P. 48:108, 1946. (Abs.)
- INSECTICIDES - DDT - TOXICITY TO FISH**
 Cottam & Higgins, J. Ec. Ent. 39:48-49; Correction:295, 1946.
 Cottam & Higgins, U. S. Dept. Int. C. 11, 14 p., 1946.
 Gabrielson, Amer. YB f. 1945:524, 1946.
 Ginsburg, J. Ec. Ent. 38:274-275, 1945.
 Ginsburg, N. J. Mosq. Exterm. Assoc. P. 32:53-54, 1945; 34:133-135, 1947.
 Lackey & Steinle, U. S. Pub. Health Rpts. Sup. 186:81-83, 1945.

INSECTICIDES - DDT - TOXICITY TO FISH--Continued.

- b Odum & Sumerford, Science 104. 480-482, 1946.
- Surber, J. Wildlife Mangt. 10 183-191, 1946.
- Swanson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.13-19, 1946.
- U. S. War Dept. TB Med 194(PB-2436) 29, 1945.

INSECTICIDES - DDT - TOXICITY TO INSECTS

- Allen, Ent. Soc. Manitoba P. 2 42-43 1946.
- Annand, USDA EPQ R. f. 1944/45 17-18.
- Baker, Audubon Mag. 47.113-114, 1945.
- Baker & Porter, USDA EPQ E-637-7, 1945.
- b Bennighof, Bios 18 189-195, 1947.
- b Bodenstein, Biol. Bul. 90 148-157, 1946.
- Bottger & Levin, J. Ec. Ent. 39 539-541, 1946.
- Bromley, J. Ec. Ent. 40 238, 1947.
- i Brooks & Anderson, J. Ec. Ent. 40 220-228, 1947.
- Buck & Keister, Anat. Rec. 96.499-500, 1946. (Abs.)
- Buck & Keister, Biol. Bul. 93 189-190, 1947. (Abs.)
- Campbell, Sci. Month. 63 155-156, 1946.
- Clark & Hoveland, Wis. B. 466 56-57, 1945.
- Cox, Pests 13(7) 10, 1945.
- Cowser et al., Miss. Farm Res. 8(12): 2, 1945.
- b Cristol et al., Science 104.343-344, 1946.
- b Dahm, Study of Certain-Metabolic Intermediates in DDT Poisoned Housefly Adult, 8 p., 1947. (Abs.)
- b DeBach, J. Ec. Ent. 39:695-697, 1946.
- Eckert, Cal. Mosq. Control Assoc. P. 14:25-27, 1946.
- Eide et al., J. Ec. Ent. 38:538-541, 1945.
- Fleming, USDA EPQ E-724.11-13, 1947.
- Friend, Yale Sci. Mag. 20(3).16,18, 1945.
- Gaines & Dean, J. Ec. Ent. 40:454, 1947.
- Ginsburg, J. Ec. Ent. 38.494-495, 1945.
- b Haller, Indus. & Engin. Chem. Indus. Ed. 39:468-471, 1947.
- bi Hayes & Liu, Ent. Soc. Amer. Ann. 40:401-416, 1947.
- Hoffman et al., USDA EPQ E-702, 20 p., 1946.
- Hoskins, Cal. Mosq. Control Assoc. P. 14:35-38, 1946.
- Hutson, Mich. St. Hort. Soc. R. 75:60-61, 1946.
- Kaspar, Fla. Grow. 53(9):7, 1945.
- b Knippling, J. Ec. Ent. 39:360-366, 1946.

INSECTICIDES - DDT - TOXICITY TO INSECTS--Continued.

- b Lauger, Mech. of Intoxication of DDT Insectic. in Ins. & Warm-Blooded Anim., 24 p., 1946.
 - Lieberman, USDA EPQ E-658 2,7, 1945.
 - b Ludwig, Ent. Soc. Amer. Ann. 39 496-509, 1946.
 - b Merrill et al., J. Cell. & Compar. Physiol. 28 465-476, 1946.
 - Munson, Ent. Soc. Wash. P. 48 76, 1946. (Abs.)
 - b Odum & Sumerford, Science 104. 480-482, 1946.
 - b Proverbs & Morrison, Can. J. Res. D 25:12-44, 1947.
 - b Richards & Cutkomp, Biol. Bul. 90 97-108, 1946.
 - Roeder, Anat. Rec. 96 499, 1946 (Abs.)
 - b Roeder & Weiant, Science 103.304-306, 1946.
 - Roeder & Weiant, Sci. News Let. 49 217, 1946.
 - b Savit et al., Soc. Expt. Biol. & Med. P. 62 44-48, 1946.
 - i Schwarz, Audubon Mag. 47 90-100, 1945.
 - Smith, J. Ec. Ent. 39 383, 1946.
 - bi Tobias & Kollros, Biol. Bul. 91 247-255, 1947
 - b Tobias et al., J. Cell. & Compar. Physiol. 28 159-182, 1946.
 - Wheeler & La Plante, J. Ec. Ent. 39 211-215, 1946.
 - Yeager & Munson, Science 102 305-307, 1945.
 - U. S. War Dept. TB Med 194(PB-2436).29, 1945.
- INSECTICIDES - DDT - TOXICITY TO INSECTS, see also INSECTICIDES - RESISTANT INSECTS**
- INSECTICIDES - DDT - TOXICITY TO INSECTS - BEES**
- Anderson, USDA R. Sec. f. 1946 170.
 - Annand, USDA EPQ R. f. 1943/44 19-20, f. 1945, 46 27; f. 1946/47 30-31
 - b Bennighof, Bios 18.189-195, 1947.
 - Dunham, Ohio St. Hort. Soc. P. 79 143-150, 1946.
 - b Eckert, J. Ec. Ent. 38.369-374, 1945.
 - Eckert, West. Grow. & Ship. 16(4) 19, 1945.
 - Eide, Wash. St. Hort. Assoc. P. 42. 195-196, 1946.
 - Eide, J. Ec. Ent. 40 50,52-54, 1947.
 - Gardiner, Can. Min. Agr. R. f. 1946/47-112-113.
 - Henderson, Hort. 24 72-73, 1946.
 - Hutson et al., Mich. St. Hort. Soc. R. 75:26-28, 1946.
 - Kearns, Ill. St. Beekeepers' Assoc. R. 45/46:62-66, 1947?
 - Knowlton, Beekeepers' Mag. 10(8):23, 1947.
 - Knowlton, Can. Bee J. 55(4):18-19, 1947.
 - b McGregor & Vorhies, Ariz. B. 207, 19 p., 1947.

INSECTICIDES - DDT - TOXICITY TO INSECTS - BEES - Continued.

- Michelbacher et al., Cal. C. 365:12, 1946.
 Mitchell, N. C. Res. & Farm 4 (Prog. R. 3):1-2, 11, 1946.
 Palm, N. Y. St. Hort. Soc. P. 91 66-67, 1946.
 Pease, Gleanings Bee Cult. 74:542, 583, 1946.
 Trullinger et al., USDA OES R. f. 1945/46.113-114, 1947.
 bi Wilson, Bios 17:167-170, 1946.

INSECTICIDES - DDT - TOXICITY TO INSECTS - SEX

- Fay et al., U. S. Pub. Health Rpts. 62 157-158, 1947.

INSECTICIDES - DDT - TOXICITY TO WILDLIFE

- Anand, USDA EPQ R. f. 1945/46 3-4, 8.
 Baker, Audubon Mag. 47:311-312, 1945.
 Bishopp, Amer. J. Pub. Health 36 595, Pests 14(8).16, 1946.
 b Coburn & Treichler, J. Wildlife Mangt. 10.208-216, 1946.
 Cottam & Higgins, U. S. Dept. Int. C. 11,14 p., 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46 121.
 b George & Mitchell, J. Ec. Ent. 40: 782-789, 1947.
 Henderson, Hort. 24 72-73, 1946.
 i Leslie, Can. Geog. J. 31 195, 1945.
 McDermid, Amer. Fur Breed. 19(11). 40-41, 1947.
 Moody, Ariz. Wildlife & Sportsm. 7(1) 11, 1946.
 Nelson & Surber, U. S. Dept. Int. Fish & Wildlife Serv. Sp. Sci. R. 41,8 p., 1947.
 Roark & McIndoo, USDA EPQ E-728 23-25, 1947.
 i Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34 82-95, 1947.
 b Storer, J. Wildlife Mangt. 9 158, 1945, 10.181-183, 1946.
 Swanson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.13-19, 1946.
 i Teale, Nature Mag. 38 120-124.162, W. Va. Conserv. 9(7):9.20-22, Wis. Conserv. B. 10(9):15-18, 1945.

INSECTICIDES - DDT - TRADE NAMES

- Pyenson, Flower Grow. 33:180, 1946.
 Roark, Soap & Sanit. Chem. 21(4).137, 155,157, 1945.
 Roark & McIndoo, USDA EPQ E-728: 30, 1947.

INSECTICIDES - DDT - ULTRAVIOLET ABSORPTION

- i Andrews et al., U. S. Pub. Health Rpts. 61:451-453, 1946.

INSECTICIDES - DDT - VETERINARY USE

- b Kanegis & Roepke, Amer. Vet. Med. Assoc. J. 108:316-321, 1946.

INSECTICIDES - DDT - WALLPAPER
 Sci. News Let. 52 73, 1947.

INSECTICIDES - DDT - WATER SUPPLIES

- Carollo, Amer. Waterworks Assoc. J. 37:1310-1317, 1945.
 Jordan, Amer. Waterworks Assoc. J. 37:1317, 1945.

INSECTICIDES - DDT - WHITEWASH

- Lehker, Pure Milk 20(5) 14-15, 1946.

INSECTICIDES - DDT - WORLD WAR II

- Baxter, Sci. Against Time 368-373, 375-376, 1946.

INSECTICIDES - DDT & the Ins. Prob.

- 60-69, 1946.

INSECTICIDES - DDT - X-RAYS

- i Andrews et al., U. S. Pub. Health Rpts. 61:456, 1946.

Fankuchen et al., Science 103.25, 1946.

INSECTICIDES - DDT & BENZENE HEXACHLORIDE

- Rainwater & Bondy, Assoc. South Agr. Workers P. 44 130, 1947 (Abs.)

INSECTICIDES - DDT & BENZYL BENZOATE

- Andrade, Medicina Rev. Mex. 25 172 173, 1945.

INSECTICIDES - DDT & FERBAM

- Dominick, Va. B. 406 4.17-18, 1947.

INSECTICIDES - DDT & FUNGICIDES

- Bonde & Snyder, Maine B. 442.146-150.188-190, 1946, 449 262-271, 274-276.343-355, 1947.

Chapman & Allen, Wis. B. 469 38-39, 1946.

Clark & Hoveland, Wis. B. 472 10, 1947.

Clarkson, N. B. Dept. Agr. R. f. 1946/47 89-91.

Heuberger & Stearns, Phytopathology 37.9, 1947. (Abs.)

Hoyman et al., N. Dak. Bimo. B. 9 85-87, 1947.

Morofsky & Muncie, Amer. Potato J. 24:162-166, 1947.

Muncie & Morofsky, Amer. Potato J. 24 183-187, 1947.

Muncie & Morofsky, Mich. TB 204 3-4, 15-23, 1947.

Niederhauser et al., Phytopathology 37:849, 1947. (Abs.)

Simpson et al., Maine Ext. B. 361 4-7, 10, 1947.

Sleesman, Veg. Grow. Assoc. Amer. Inc. R. 39.116-112, 1947.

Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 32:125-132, 1947.

Trullinger et al., USDA OES R. f. 1945/46.111-112, 1947.

Vaughn & Leach, Phytopathology 37. 22, 1947. (Abs.)

INSECTICIDES - DDT & ISOBORNYL THIOCYANOACETATE

- i Hercules Powder Co., Thanite family, 32 p., 1946.

INSECTICIDES - DDT & KEROSENE

- Plank, Science 106.317, 1947.

INSECTICIDES - DDT & OIL

Annard, USDA EPQ R. f. 1946/47 5, 15-16, 22.

Clarke, N. J. Mosq. Exterm. Assoc. P. 33.80, 1946.

Fulton, N. C. Res. & Farm. 5 (Prog. R. 1) 11-12, 1946.

b Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33 9-23, 1946.

Rentschler, Natl. Petrol. News 38(7) 22,24, 1946.

INSECTICIDES - DDT & OIL - TOXICITY TO ANIMALS

Annard, USDA EPQ R. f. 1944/45 10.

Marsden & Bird, Poult. Sci. 26.3-6, 1947.

Stewart et al., Cal. Mosq. Control Assoc. P. 14 73-74, 1946.

INSECTICIDES - DDT & OIL & XYLENE

i Langford et al., J. Ec. Ent. 38 199-201, 1945.

INSECTICIDES - DDT & PEST CONTROL OPERATORS

Roark & McIndoo, USDA EPQ E-728 31, 1947.

Twinn, Pests 13(5) 16, 1945.

INSECTICIDES - DDT & PINE OIL

Rude, Better Goatkeeping 2.477, 1947.

INSECTICIDES - DDT & PYRETHRUM - TOXICITY

b Wright et al., Amer. J. Med 1 562-567, 1946.

INSECTICIDES - DDT & PYROPHYL-LITE

Hadley & Fleming, USDA EPQ E-645 5-7, 1945.

Hill, Neb. Res. B. 138 3-8, 10-11, 1945.

Marshall, Ind. R. 58 52-53, 1945.

INSECTICIDES - DDT & SULFUR

Annard, USDA EPQ R. f. 1946/47 5-6.

Dugas & Concienne, Assoc. South.

Agr. Workers P. 44.124, 1947. (Abs.)

Hayslip, Fla. R. 57 195-196, 1946?

INSECTICIDES - DDT & XYLENE

i Amer. Pharm. Assoc. J. 6:263, 1945.

INSECTICIDES - DDT & ZERLATE

Chemistry 19(5) 28, 1946.

INSECTICIDES - DDT vs. BENZENE

HEXACHLORIDE

Manwaring, Cal. Med. 66 52-53, 1947

Wilson et al., Amer. Assoc. Econ.

Ent. N. Cent. Sts. Branch P. 25-64, 1946.

INSECTICIDES - DDT vs. CHLORDANE (VELSICOL 1068)

b Kearns et al., J. Ec. Ent. 38.661-668, 1945.

INSECTICIDES - DDT vs. TARTAR

EMETIC

Apple, Amer. Assoc. Econ. Ent. N.

Cent. Sts. Branch P. 25:74-75, 1946.

INSECTICIDES - DDT (COLLOIDAL)

Clark & Hoveland, Wis. B. 472:58, 1947.

INSECTICIDES - DDT (DEENOL)

Eastman et al., N. Amer. Vet. 27:415-419, 1946.

INSECTICIDES - DDT (GESAROL)

Bourne, Mass. B. 428.36, 1945.

INSECTICIDES - DDT (NEOCID BA-50)

Matthysse, Amer. Milk Rev. 7 490-492, 1945.

INSECTICIDES - DDT (PESTROY)

Sherwin-Williams Co., Sci. Amer. 175: 79,127-128, 1946.

INSECTICIDES - DDT ANALOGS, see

INSECTICIDES - DDT - RELATED COMPOUNDS

INSECTICIDES - DDT EMULSION

Holdsworth et al., Mosq. News 5 144-145, 1945.

b Jones et al., Soap & Sanit. Chem. 22(12) 155,157,165, 1946.

Plummer, USDA EPQ E-700,14 p., 1946.

U. S. War Dept. TB Med 194(PB-2436) 24-25, 1945.

INSECTICIDES - DDT ISOMERS - TOX-ICITY TO FISH

Ginsburg, Science 105 233-234, 1947.

INSECTICIDES - DDT MIXTURES

Allen & Chapman, Wis. B. 469 38, 1946.

Armand, Can. Food Indus. 18(9).25, 27, 1947.

Baillie, Can. J. Pub. Health 37 214-216, 1946

Baker & Bradley, USDA EPQ E-718 rev.,4 p., 1947.

Berkeley et al., Ont. Crop Impr. Assoc. Potato Sect. Addresses & P. f. 1946 62-66.

Bondy & Rainwater, S. C. R 58 102-103, 1946.

Buchanan, Wash. B. 482.40-42 49-50, 63-65,71, 1946.

Cotton, USDA YB f. 1943. 47.874-875.

Douglass et al., Rocky Mountain Conf. Ent. R. 18 11, 1947.

Easter et al., Mosq. News 6 118, 1946.

Hamilton, Natl. Chrysanthemum Soc. B. 3(2) 5-8, 1947.

Hammond, Ent. Soc. Ont. R. 77 17, 1947.

Kelsheimer, Fla. R. 57 119-120, 1946?

Lange, Cal. C. 365.48-51, 1946.

List, West. Colo. Hort. Soc. Trans. f. 1944-67-70, 1945.

Osburn, Fla. St. Hort. Soc. P. 58 156-158, 1945.

Popham, USDA YB f. 1943/47 841-842.

Pyenson, Home Gard. (N. Y.) 8(6) 24-25, 1946.

Sleesman & Wilson, Veg. Grow.

Assoc. Amer. R. 37 182-192, 1945.

Sleesman et al., Ohio Veg. & Potato

Grow. Assoc. P. 30.140-147, 1945.

Smith & Boswell, Gladiolus Mag. 11 (3):10-13, 1947.

Stanley, Tenn. St. Hort. Soc. P. 40. 92-94, 1946.

Thompson, Ent. Soc. Ont. R. 76 22-26, 1946.

Weinman & Powell, Ill. St. Hort. Soc.

Trans. 80:112,114,119, 1947.

Wilson & Sleesman, Veg. Grow. As-

soc. Amer. R. 37.193-208, 1945.

INSECTICIDES - DDT MIXTURES - TESTS

- Blanchard et al., J. Ec. Ent. 39:817, 1946.
b Bronson & Smith, J. Ec. Ent. 39: 189-194, 1946.
Ebeling, J. Ec. Ent. 38:600, 1945.
i Glasgow, J. Ec. Ent. 39:195-199, 1946.
Gouck & Smith, J. Ec. Ent. 40:303-308, 1947.
Gyrisko et al., J. Ec. Ent. 39:205-208, 1946.
Hadley & Fleming, USDA EPQ E-645, 7 p., 1945.
Hoerner & Edmundson, J. Ec. Ent. 40: 604-605, 1947.
Ingram et al., J. Ec. Ent. 40:779, 1947.
b Kulash, J. Ec. Ent. 40:640-643, 1947.
List & Edmundson, Amer. Potato J. 23:347-352, 1946.
Packard, J. Ec. Ent. 39:669, 1946.
b Parencia et al., J. Ec. Ent. 39:329-335, 1946.
Poos et al., J. Ec. Ent. 40:902-905, 1947.
Steiner et al., Ind. Hort. Soc. Trans. 84:26-39, 1945; 85:29-46, 1946; 86: 83-97, 1947.
Underhill, Va. TB 101:5-8, 11-17, 21-22, 1946.

INSECTICIDES - DFDT, see INSECTICIDES - DIFLUOR-DIPHENYL-TRICHLOROETHANE

- INSECTICIDES - DN-111
Mich. Ext. B. 270:32, 1945.
INSECTICIDES - DEENOL, see INSECTICIDES - DDT (DEENOL)

INSECTICIDES - DEPOSITS

- O'Kane, N. H. B. 372:32-33, 1947.
Potts, Ohio St. Hort. Soc. P. 100:194-203, 1947.

INSECTICIDES - DERRIS

- Baker et al., Wash. B. 497:41, 45-49, 58, 1947.
Bronson et al., Maine B. 442:136, 183, 1946.
Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 71:4, 1947.
Morisset, Quebec Soc. Protect. Plants R. 30:64-65, 1947.
Questel, J. Ec. Ent. 38:52-56, 1945.
Vorhies & Wehrle, Ariz. B. 203:25, 44, 1946.
Woodward, N. & S. Dak. Hort. 18:104, 1945.

INSECTICIDES - DERRIS - EFFECT ON PLANTS

- Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 32:80-81, 1947.

INSECTICIDES - DERRIS & SULFUR

- b Brannon, J. Ec. Ent. 38:101-102, 1945.

INSECTICIDES - DETERMINATION

- Wichmann, Assoc. Off. Agr. Chem. J. 30:451-455, 1947.

INSECTICIDES - DEVELOPMENT

- i DeOng, Drug & All. Indus. 33(7):10-13, 1947.
bi Simmons, Adv. Int. Med. 2:228-261, 1947.

INSECTICIDES - DEVELOPMENT - TRENDS

- Driggers, J. Ec. Ent. 40:281-283, 1947.

INSECTICIDES - DIANISYL TRICHLOROETHANE, see INSECTICIDES - METHOXYCHLOR

INSECTICIDES - DIAZOAMINO BENZENE

- Stahl, J. Ec. Ent. 39:611, 1946.

INSECTICIDES - DIBUTYL PHTHALATE, see INSECTICIDES - SMEARS - Stock 1029

INSECTICIDES - 1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL) ETHANE, see INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE

INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE

- Alsterlund, Pests 14(5):10, 1946.

- Annand, USDA EPQ R. f. 1945/46:13; f. 1946/47:6,9.

- Bishopp, J. Ec. Ent. 39:455, 1946.

- Bourne, Mass. B. 441 35-36, 1947.

- b Claborn, Assoc. Off. Agr. Chem. J. 29:330-337, 1946.

- Cory, Amer. Nurseryman. 85(7):9, 1947.

- Creighton, Fla. St. Hort. Soc. P. 60: 213-214, 1947.

- Creighton, Natl. Shade Tree Conf. P. 23:110-111, 1947.

- Dent, Farmacéutico 23(1) 144, 1947.

- Deonler & Jones, Science 103:13-14, 1946.

- Hermes, Cal. C. 365:99-100, 1946.

- Hermes, Cal. Mosq. Control Assoc. P. 14:3-6, 1946.

- Kelsheimer, Fla. R. f. 1945/46:112-113.

- Knipling, USDA YB f. 1943/47:641.

- Knipling, Soap & Sanit. Chem. 23(7): 131, 1947.

- Lange, Cal. C. 365:41-42, 45, 1946.

- McDaniel, Gladiolus Mag. 11(3):15, 1947.

- Metcalf, Cal. Agr. 1(10):2, 1947.

- Slesman & Wilson, Veg. Grow. Assoc. Amer. R. 37:185-186, 191, 1945.

- Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:185, 1946.

- Smith, Kans. St. Hort. Soc. Bien. R. 48:66, 1946.

- Smith, Control de Plagas 9:103, 1947.

- Tisdale, Mich. St. Hort. Soc. R. 76: 30, 1947.

- b Twinn, Sci. Agr. 27:99, 1947.

- Wilson & Slesman, Veg. Grow. Assoc. Amer. R. 37:202, 204, 1945.

- Witman, Chem. Indus. 58:591, 1946.

- U. S. Pub. Health Serv., Pan Amer. Union B. Offic. Sanit. 26:774, 1947.

INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE - ANALYSIS

- Haller, Agr. Chem. 2(9):26-28, 1947.

INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE - CHEMISTRY

- Annand, USDA EPQ R. f. 1946/47:3.

INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE - TOXICITY

- TO GOLDFISH

- Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.

- INSECTICIDES - DICHLOROETHYL ETHER
Howard et al., USDA Misc. Pub. 526 rev. 11, 1945.
- INSECTICIDES - DICHLOROETHYL ETHER & OIL
Ruprecht, Fla. R. f. 1946/47 143.
Ruprecht, Fla. St. Hort. Soc. P. 60 163, 1947.
- INSECTICIDES - DI(4-CHLOROPHENOXOXY)METHANE, *see* INSECTICIDES - BIS(p-CHLOROPHENOXOXY)METHANE
- INSECTICIDES - 1,2-DICHLOROPROPANE - TOXICITY TO ANIMALS
b Heppel et al., J. Pharm. & Expt. Ther. 87:11-17, 1946.
- INSECTICIDES - O,O-DIETHYL O-p-NITROPHENYL THIOPHOSPHATE, *see* INSECTICIDES - PARATHION
- INSECTICIDES - DIFLUORO-DIPHENYL-TRICHLOROETHANE
Annand, USDA EPQ R. f. 1946/47 3.
Bishopp, J. Ec. Ent. 39 456, 1946.
Bradlow, Sci. News Let. 49 264, 1946.
b Kirkwood & Phillips, J. Pharm. & Expt. Ther. 87 375-381, 1946.
Metcalf, Cal. Agr. 1(10) 2, 1947.
- INSECTICIDES - DIFLUORO DIPHENYL-TRICHLOROETHANE - PREPARATION
Colorado Iris & Mendizábal G., Rev. Inst. Salub. y Enferm. Trop. Mex. 8 63-68, 1947.
- INSECTICIDES - DIFLUORO-DIPHENYL-TRICHLOROETHANE (GIX)
McDaniel, Gladiolus Mag. 11(3) 15, 1947.
- INSECTICIDES - DIMETHOXY DIPHENYL TRICHLOROETHANE, *see* INSECTICIDES - METHOXY-CHLOR
- INSECTICIDES - DI(METHOXYPHENYL) TRICHLOROETHANE, *see* INSECTICIDES - METHOXYCHLOR
- INSECTICIDES - DIMETHYL PHTHALATE
Simmons, Adv. Int. Med. 2:240,259, 1947.
- INSECTICIDES - DINITRO COMPOUNDS
English, South. Flor. 59(46):55, 1947.
Howard et al., USDA Misc. Pub. 526 rev. 12, 1945.
Pearce & Avens, N. Y. (G.) R. 63:20, 1945.
Porter, Amer. Fruit Grow. 67(1):19, 1946.
Tate, Amer. Assoc. Cereal Chem. Trans. 4.42, 1946.
Ohio Flor. Assoc. Month. B. 210:7-8, 1947.
- INSECTICIDES - DINITRO COMPOUNDS, *see also* INSECTICIDES - CRYOLITE & DINITRO COMPOUNDS; INSECTICIDES - DN-111; INSECTICIDES - DINITRO-O-CRESOL, AMMONIUM SALT; INSECTICIDES - DINITRO-O-CRESYLATE; INSECTICIDES - DINITRO-O-CYCLOHEXYLPHENOL
- INSECTICIDES - DINITRO-O-CRESOL, AMMONIUM SALT
Gates, Neb. R. 59:63, 1946.
- INSECTICIDES - DINITRO-O-CRESYLATE
Gates, Neb. R. 59:63, 1946.
- INSECTICIDES - DINITRO-O-CYCLOHEXYLPHENOL
Graham, B. C. Lumberm. 29(4) 120, 1945.
Woodman, Amer. Fruit Grow. 65(5) 13,27, 1945.
- INSECTICIDES - 2,4-DINITRO-O-CYCLOHEXYLPHENOL - TOXICITY TO BEES
Eide, J. Ec. Ent. 40:51,53, 1947.
- INSECTICIDES - DINITRO-O-CYCLOHEXYLPHENOL, DICYCLOHEXYLAMINE SALT OF, *see* INSECTICIDES - DN-111
- INSECTICIDES - DIPHENYL - TESTS
Annand, USDA EPQ R. f. 1945/46:14.
- INSECTICIDES - DIPHENYLAMINE, *see* INSECTICIDES - SMEAR 62
- INSECTICIDES - DIRECTORY
Amer. Assoc. Ec. Ent. East. Branch, Entoma ed. 6:27-188, 1945, ed. 7: 11-244, 1947.
- INSECTICIDES - DISTRIBUTION
Gardiner, Can. Min. Agr. R. f. 1945/46:217.
- INSECTICIDES - DITHANES
Sleesman et al., Amer. Potato J. 22 243-250, 1945.
White, Amer. Nurserym. 81(6) 31, 1945.
Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 32 22, 1945.
- INSECTICIDES - DITHANES - PLANT ABSORPTION
b Turner, Conn. B. 488:353-356, 1945.
- INSECTICIDES - DITHIENYL TRICHLOROETHANES - TOXICITY TO INSECTS
Metcalf & Gunther, Amer. Chem. Soc. J. 69:2579-2581, 1947.
- INSECTICIDES - DITHIOCARBAMATES
Heuberger, USDA BPISAE, Plant Dis. Reporter Sup. 157:156-158, 1945.
- INSECTICIDES - DITHIOCARBAMATES, *see also* INSECTICIDES - DITHANES; INSECTICIDES - FERBAM
- INSECTICIDES - DOSAGE
Annand, USDA EPQ R. f. 1943/44:14, 18.
Glasgow & Collins, J. Ec. Ent. 39: 237-240, 1946.
Williams, Conn. Ext. B. 388:5, 1947.
- INSECTICIDES - DOSAGE - MORTALITY CURVES
Gaines & Dean, J. Ec. Ent. 40:454, 1947.
Latta et al., Wash. Acad. Sci. J. 37: 400-404, 1947.
Laug, J. Pharm. & Expt. Ther. 86: 326-329, 1946.

- INSECTICIDES - DOSAGE - MORTALITY CURVES--Continued.
Schmidt, Hawaiian Acad. Sci. P. 20.8, 1945. (Abs.)
- INSECTICIDES - DOSAGE - RELATION TO LEAF AREA
Stanley, J. Ec. Ent. 38:703-705, 1945.
- INSECTICIDES - DOSAGE - STATISTICS
Richardson, Iowa R. f. 1944/45 pt. 1 246-247.
- INSECTICIDES - DOW K-1875, see INSECTICIDES - BIS(p-CHLORO-PHENOXY) METHANE
- INSECTICIDES - DOWKLOR, see INSECTICIDES - CHLORDANE (DOW-KLOR)
- INSECTICIDES - E-3314, see INSECTICIDES - HEPTACHLOR
- INSECTICIDES - EQ SMEAR 62, see INSECTICIDES - SMEAR 62
- INSECTICIDES - EQ SMEAR 82, see INSECTICIDES - SMEAR 82
- INSECTICIDES - EFFECT ON PLANTS
Annand, USDA EPQ R. f. 1944/45 21.
i Wilson & Slesman, Ohio Bimo. B. Farm & Home Res. 32:58-63, 1947.
- INSECTICIDES - EMULSIONS
b Sutherland, Introd. to Emulsions. 90-91, 106, 159, 169, 190-192, 1946.
- INSECTICIDES - EXPORTS
i Markwood, U. S. Dept. Com. Foreign Com. Wkly. 19(9):9-11, 1945.
- INSECTICIDES - FALLACIES
Tissot, Cit. Indus. 26(7):14-15, 1945.
- INSECTICIDES - FERBAM
Slesman & Wilson, Ohio B. 659-115, 1945.
Slesman et al., Amer. Potato J. 22 243-250, 1945.
- INSECTICIDES - FERMATE, see INSECTICIDES - FERBAM
- INSECTICIDES - FERRIC DIMETHYL DITHIOCARBAMATE, see INSECTICIDES - FERBAM
- INSECTICIDES - FISH OIL
Howard et al., USDA Misc. Pub. 526 rev.:13, 1945.
- INSECTICIDES - FLUORESCENCE
O'Kane et al., N. H. B. 372:32-33, 1947.
- INSECTICIDES - FLUORINE COMPOUNDS
Parks & King, Ohio Ext. B. 76 rev.: 60, 1947.
Quesada, Control de Plagas 9:76, 1947.
Wildon et al., Mich. Ext. B. 270:29, 1945.
- INSECTICIDES - FLUORINE COMPOUNDS, see also INSECTICIDES - BARIUM FLUORIDE; INSECTICIDES - BARIUM FLUOSILICATE, INSECTICIDES - SODIUM FLUORIDE; INSECTICIDES - DIFLUOR-DIPHENYL-TRICHLOROETHANE; INSECTICIDES - ZINC NICOTINYL FLUOSILICATE
- INSECTICIDES - FLUORINE COMPOUNDS - ANALYSIS
b Donovan, Assoc. Off. Agr. Chem. J. 28:575-578, 1945.
- INSECTICIDES - FORMULA M.S. 793-F, see INSECTICIDES - BENZENE & diphenyl mixtures
- INSECTICIDES - FORMULATIONS
Rohwer, Soap & Sanit. Chem. 23(6) 137, 1947.
- INSECTICIDES - GAMMEXANE, see INSECTICIDES - BENZENE HEXACHLORIDE (GAMMEXANE)
- INSECTICIDES - GAMTOX, see INSECTICIDES - BENZENE HEXACHLORIDE (GAMTOX)
- INSECTICIDES - GASOLINE, see INSECTICIDES - TURPENTINE & GASOLINE
- INSECTICIDES - GENICIDE, see INSECTICIDES - XANTHONE
- INSECTICIDES - GERMAN
Kilgore, Soap & Sanit. Chem. 21(12) 138, 169, 171, 1945. 22(2) 122-124, (3):122-125, 173, 1946.
Industrial Intelligence Staff, Chemical Warfare Service, Chem. Ind. 57 647-648, 1945.
- INSECTICIDES - GERMAN E-605, see INSECTICIDES - PARATHION
- INSECTICIDES - GESAROL, see INSECTICIDES - DDT (GESAROL)
- INSECTICIDES - GIX, see INSECTICIDES - DIFLUOR-DIPHENYL-TRICHLOROETHANE (Gix)
- INSECTICIDES - H&TP, see INSECTICIDES - HEXAETHYL TETRA-PHOSPHATE
- INSECTICIDES - HALOGEN COMPOUNDS
b Bowen & Haller, USDA E-678, 14 p., 1945.
b Shepard, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 68-71, 1946.
- INSECTICIDES - HAZARDS & SAFE-GUARDS
Armitage, Cal. Citrog. 31.404, 1946.
Dove, J. Milk & Food Technol. 10 218, 1947.
Hamblin, Agr. Chem. 1(6):28-31, 1946
Hixson, Neb. Ext. C. 1507 rev. 4: 155, 4, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:2-3, 5-6, 8-11, 13, 15, 17-20, 23-24, 26-30, 32-36, 38, 52-54, 1945.
Smith et al., Agr. Chem. 2(12):29-30, 1947.
Tissot, Fla. Grow. 53(5):11, 1945.
Tissot, Cit. Indus. 28(6):8-9, 1947.
Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540:15, 1947.
Natl. Safety Council, Cal. Citrog. 31: 382-383, 1946.
i Natl. Safety Council, Natl. Safety Rev. 4(2):4-6, 1946.
- INSECTICIDES - HEAT
Balzer & Cotton, USDA FB 1906 rev.: 10-11, 1947.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:32, 1947.
i Connola et al., N. Y. (C.) B. 841:30-34, 37-38, 40, 1947.

INSECTICIDES - HEAT--Continued.

- i Cotton et al., USDA C. 720.51-58, 1945.
 Gray, Can. Food Packer 17(12) 31, 1946.
 Henderson, USDA Prod. & Mktg. Adm. Mktg. Activities 10(12)-17, 1947.
 Lincoln, Ark. Ext. C. 362 rev. 9,13, 17, 1945.
 Linsley, Pest Control & Sanit. 1(8) 30, 1946.
 Mitchener, Manitoba Dept. Agr. & Im-
 mgr. Pub. 213-3,6, 1947.
 Parker, Amer. Assoc. Ec. Ent. N
 Cent. Sts. Branch P. 2 59-60, 1947.
 Parks & King, Ohio Ext. R. 76 rev.
 61, 1947.
 Simmons, Pest Control & Sanit. 2(7)
 25, 1947.
 Smallman, Wallerstein Lab. Commun.
 8 163-164, 1945.
 Stiles, Okla. Ext. C. 223 rev. 5,23,
 1946?
 Twinn, Can. Dept. Agr. Div. Ent
 Processed Pub. 33 4-5, 1945.
INSECTICIDES - HEAT, see also INSEC-
TICIDES - HOT WATER, INSEC-
TICIDES - STEAM
INSECTICIDES - HEAT, SOLAR
 Beal & Massey, Duke Univ. School
 For. B. 10 46, 1945.
 Becker, Mass. B. 436 43, 1946.
 i Connola et al., N. Y. (C.) B. 841 32-
 33,37-39, 1947.
INSECTICIDES - HEAT, VAPOR
 b Ralock & Starr, J. Ec. Ent. 38 646-
 651, 1945.
INSECTICIDES - HELLEBORE
 Howard et al., USDA Misc. Pub. 526
 rev. 13-14, 1945.
 Quaintance & Porter, USDA FB 1398
 rev. 15,25, 1946.
 Shoemaker, Veg. Grow. 449, 1947.
INSECTICIDES - HEPTACHLOR
 USDA EPQ et al., Cotton Ins. Control
 Conf. (Stoneville, Miss. Nov. 17-19)
 R. 6, 1947.
INSECTICIDES - HERCULES 3956, see
INSECTICIDES - TOXAPHENE
INSECTICIDES - HEXACHLOROCYCLO-
HEXANE, see INSECTICIDES -
BENZENE HEXACHLORIDE
INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE
 Annand, USDA EPQ R. f. 1946/ 47 3,5-
 6,8-10,14,22.
 Bishopp, J. Ec. Ent. 39.456, 1946.
 Blackaller Valdes, Chapingo No. 18:
 16-17, 1947.
 Bronson & Hall, Agr. Chem. 1(7) 19-
 21, 1946.
 Clark & Hoveland, Wis. B. 472:9-10,
 14-17,19, 1947.
 Conklin, N. H. Hort. Soc. J. 10:60,
 1947.
 Cory, Amer. Nurserym. 85(7):9, 1947.
 Creighton, Fla. St. Hort. Soc. P. 60-
 214-215, 1947.
 Creighton, Natl. Shade Tree Conf. P.
 23:114, 1947.
 Dent, Farmacéutico 23(1):144, 1947.
 DeOng, Drug & All. Indus. 33(7):13, 1947.

**INSECTICIDES - HEXAETHYL TETRA-
 PHOSPHATE --Continued.**

- Gardiner, Can. Min. Agr. R. f.
 1946/47 85.
 i Hall, Flower Grow. 34 339,362, 1947.
 Hansen, J. Ec. Ent. 40 600, 1947.
 i Hensill, Agr. Chem. 2(11) 21-23,
 1947.
 Jacobs, Chem. & Engin. News 25 2713,
 1947.
 Jefferson, Natl. Shade Tree Conf. P.
 23.383-384, 1947.
 Knipping, Soap & Sanit. Chem. 23(7)
 131, 1947.
 Langford, Arbor News 12 35-36,
 1947.
 Marcovitch & Stanley, Tenn. R. 59 91,
 1947.
 McDaniel, Tenn. Hort., Dec. 6, 1946
 6.
 McDaniel, Gladiolus Mag. 11(3) 15,
 1947.
 Metcalf, Cal. Agr. 1(10) 2, 1947.
 Peterson, Peninsula Hort. Soc. Trans.
 60 83, 1947.
 Smith, Control de Plagas 9 104, 1947
 Stetson, Food Packer 28(5) 74, 1947.
 Tisdale, Mich. St. Hort. Soc. R. 76
 30, 1947
 Webster, Better Fruit 41(11) 429-430,
 1947.
 Witman, Amer. Fruit Grow. 67(8) 30,
 1947.
 USDA EPQ, USDA Consum. Guide 13
 (7) 3-4, 1947
 USDA EPQ et al., Cotton Ins. Control
 Conf. (Stoneville, Miss. Nov. 17-19)
 R. 8, 1947.
 Wis. Agr. Expt. Sta., Facts about HET
 (Hexaethyl tetraphosphate) as an In-
 sectic. in Wis., 5 p., 1947. (Sten. B.)
INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - EFFECT ON
METALS
 Roark, USDA EPQ E-721 3, 1947.
INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - EFFECT ON
PLANTS
 Roark, USDA EPQ E-721 3, 1947.
 bi Zimmerman & Hartzell, Boyce
 Thompson Inst. Contrib. 15 11-15,
 18, 1947.
INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - LABELS
 Lemmon, Agr. Chem. 2(6) 31,71, 1947.
INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - REVIEW
 b Roark, USDA EPQ E-721, 12p., 1947.
INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - TESTS
 Bishopp, Agr. Chem. 1(6).22, 1946.
 Chapman et al., Amer. Assoc. Ec.
 Ent. N. Cent. Sts. Branch P. 2 17-19,
 1947.
 Ludvik, Amer. Assoc. Ec. Ent. N.
 Cent. Sts. Branch P. 2.16-17, 1947.
 Thompson & Griffiths, Fla. St. Hort.
 Soc. P. 60:90, 1947.
INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - TOXICITY
 DuBois & Mangun, Soc. Expt. Biol. &
 Med. P. 64:137-139, 1947.

- INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - TOXICITY--Continued.
Roark, USDA EPQ E-721:3, 1947.
- INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - TOXICITY TO IN-
SECTS
b Chadwick & Hill, J. Neurophysiol.
10:235-246, 1947.
Zimmerman & Hartzell, Boyce
Thompson Inst. Contrib. 15:16-19,
1947.
- INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE - TOXICITY TO IN-
SECTS - BEES
Eide, J. Ec. Ent. 40:51,53, 1947.
- INSECTICIDES - HEXAETHYL TETRA-
PHOSPHATE & MILDEW
McClellan, Flor. Exch. 109(15) 14;
Flor. Rev. 101(2604):39, 1947.
- INSECTICIDES - HISTORY
Tisdale, Can. Chem. & Process Indus.
29:73-77, 1945.
- INSECTICIDES - HOT WATER
Ahlgren, N. J. B. 724.26, 1946.
Connola et al., N. Y. (C.) B. 841 30-31,
37-38,40, 1947.
Gregory & Featherston, Ent. Soc. Ont.
R. 75:34-35, 1945.
Howard et al., USDA Misc. Pub. 526
rev.:14, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 306
rev.:22, 1946.
Steinweden, Cal. Dept. Agr. B. 34:176,
1946.
Talbert, Gen. Hort.:343, 1946.
Thompson, Can. Dairy & Ice Cream J.
25(5):62, 1946.
- INSECTICIDES - HOT WATER - EFFECT
ON BULBS
Stuart, South. Flor. 58(24):4,12, 1945;
Flor. Exch. 105(11):19,25, 1945.
- INSECTICIDES - HOT WATER & FOR-
MALDEHYDE
Courtney & Breakey, Wash. B. 470:
120-122, 1945.
- INSECTICIDES - HOUSEHOLD, see
HOUSEHOLD INSECTS - INSECTI-
CIDES
- INSECTICIDES - HYDROGEN ION CON-
CENTRATION
Richardson, J. Ec. Ent. 38:710-711,
1945.
- INSECTICIDES - HYDROXYMETHYL-
FLAVAN
Annand, USDA EPQ R. f. 1945/46:13;
f. 1946/47:8.
- INSECTICIDES - HYDROXYPENTA-
METHYLFLAVAN
Bishopp, Agr. Chem. 1(6):40, 1946.
Bishopp, J. Ec. Ent. 39:452-453, 1946.
Dent, Farmaceutico 23(1):144, 1947.
McDaniel, Gladiolus Mag. 11(3):15,
1947.
Smith & Gouck, J. Ec. Ent. 40:790-
795, 1947.
Stetson, Food Packer 28(5):74, 1947.
USDA EPQ USDA Consum. Guide 13
(7):4, 1947.
- INSECTICIDES - I. G. FARBENINDUSTRIE
Curtis et al., U. S. Dept. Com. Off.
Pub. Bd. R. 237,127 p., 1945.
- INSECTICIDES - I. G. FARBENINDUS-
TRIE--Continued.
Hall, U. S. Dept. Com. Off. Pub. Bd.
R. 252,48 p., 306,15 p., 1945.
Smadel & Curtis, U. S. Dept. Com.
Off. Pub. Bd. R. 240:1-9, 1945.
- INSECTICIDES - IMPORTS
Markwood, U. S. Dept. Com. Foreign
Com. Wkly. 19(9):7-9, 1945.
- INSECTICIDES - IMPORTS - CANADA
Fox, U. S. Dept. Com. Foreign Com.
Wkly. 20(11):10,38, 1945.
- INSECTICIDES - INCOMPATIBILITY,
see INSECTICIDES - COMPATI-
BILITY
- INSECTICIDES - INDUSTRY
Benjamin, Agr. Chem. 1(7):31-32,62,
1946.
- INSECTICIDES - INSECT RESISTANCE,
see INSECTICIDES - RESISTANT
INSECTS
- INSECTICIDES - INSPECTION
Avens & Durham, N. Y. (G.) R. 65.34,
1947.
Buchholz, N. Y. Dept. Agr. & Mkts.
R. f. 1945:133, 1947, f. 1946/47.
147-148.
Cathcart & Willis, N. J. Insp. Ser. 20,
11 p., 1945.
Figy, Mich. St. Dept. Agr. Bien. R. 11:
138, 1945; 12:164-165, 1947.
Martin, N. J. R. 66:89, 1946, 67:83,
1947?
Randle et al., N. J. Insp. Ser. 25,11 p.,
1947.
Shaw et al., Wash. St. Dept. Agr. Ec.
Poisons B. 6,3 p.; 7,6 p., 1945, 8,
3 p.; 9,6 p., 1946.
Slate, Conn. R. f. 1944/45:54, f.
1945/46:45.
Tobey, Maine Off. Insp. 198:87-90,
1945, 202:79-90, 1946; 206:81-90,
1947.
Tobey, Maine B. 449:495, 1947.
Md. Univ. Control Ser. 194,57 p.,
1945; 198,76 p., 1946; 202,82 p.,
1947.
- INSECTICIDES - INTERNAL ADMINIS-
TRATION, see INSECTS - CON-
TROL - CHEMOTHERAPY
- INSECTICIDES - IODINE & POTASSIUM
IODIDE & GLYCERINE
Gunn, Natl. Fur News 17 [i.e. 18](6):
11,23, 1946.
- INSECTICIDES - ISOBORNYL THIOCY-
ANOACETATE
Annand, USDA EPQ R. f. 1946/47:17.
Killilea, Natl. Farm Chemurg. Coun-
cil, Chemurg. Papers 450.6 p., 1946.
i Hercules Powder Co., Thanite
Family, 32 p., 1946.
- INSECTICIDES - ISOBORNYL THIOCY-
ANOACETATE, see also INSECTI-
CIDES - DDT & ISOBORNYL THIO-
CYANOACETATE
- INSECTICIDES - ISOBORNYL THIOCY-
ANOACETATE & OIL
Kelsheimer, Fla. R. 57:116, 1946?
- INSECTICIDES - N-ISOBUTYL-2,6,8-
DECATRIENOAMIDE
b Acree et al., J. Organ. Chem. 10:236-
242,449-451, 1945.

INSECTICIDES - N-ISOBUTYL-2,6,8-
DECATRIENOAMIDE--Continued.
Jacobson et al., J. Organ. Chem. 12
731-732, 1947.

INSECTICIDES - K PREPARATION
Hastings & Shimkin, Science 103.639,
1946.

INSECTICIDES - KEROSENE, see also
INSECTICIDES - TURPENTINE &
KEROSENE

INSECTICIDES - KEROSENE & COTTON-
SEED OIL
b Matthyse, N. Y. (C.) B. 832.39.64,
1946.

INSECTICIDES - KEROSENE & LARD
b Matthyse, N. Y. (C.) B. 832.39.64,
1946.

INSECTICIDES - KEROSENE & LINSEED
OIL
b Matthyse, N. Y. (C.) B. 832.39.67,
1946.

INSECTICIDES - KEROSENE & OLIVE
OIL
Bushnell & Twiehaus, Kans. R. 326
87-88, 1945.

INSECTICIDES - KEROSENE EMULSION
Howard et al., USDA Misc. Pub. 526
rev. 15-16, 1945.

INSECTICIDES - "KIL-VE", see INSEC-
TICIDES - OINTMENTS - "KIL-
VE"

INSECTICIDES - KRYOCIDE, see INSEC-
TICIDES - KRYOLITE (KRYOCIDE)

INSECTICIDES - LAUETO-NEU, see
INSECTICIDES - CHLOROMETH-
YL-p-CHLOROPHENYLSULFONE
(LAUETO-NEU)

INSECTICIDES - LABELS
Doner, Agr. Chem. 2(8) 18-21.49,
1947.
Hamblin, Agr. Chem. 1(6) 31, 1946.
Janssen, Glass Packer 26(10) 741-742,
792, 1947.
Lemmon, Agr. Chem. 2(6) 29.31.71,
1947.
Leonard et al., Oil, Paint & Drug
Rptr. 149(17) 3, 1946.
McDonald & Fraps, Tex. C. 108.3-6,
1945.
McDonald & Fudge, Tex. C. 112.5-7,
1946, 118.5-6, 1947.
McDonnell, Soap & Sanit. Chem. 21
(11):123,125,127, 1945.
Reed, Soap & Sanit. Chem. 19(10) 129,
1945.
Rohwer, Pest Control & Sanit. 2(8)
25, 1947.
Smith, Agr. Chem. 2(11):19-20,67,
1947.
Mfg. Chem. Assoc. U. S., Warning
Labels pt. 1/2 rev., 63 p., 1946.
INSECTICIDES - LAURYL THIOCY-
ANATE (LORO)
Cory, J. Ec. Ent. 38:395, 1945.
INSECTICIDES - LEAD ARSENATE
Ahlgren, N. J. B. 724:24-25, 1946.
Annand, USDA EPQ R. f. 1946/47 10-
11.
Baker et al., Wash. B. 497:41-42,44-
47, 1947.
Blackburn, Ohio B. 659:160, 1945.

INSECTICIDES - LEAD ARSENATE--
Continued.
Brann, N. Y. St. Hort. Soc. P. 92.173-
177, 1947.

Chandler, Ill. St. Hort. Soc. Trans.
78 345-348, 1945.

Colby, Ill. Ext. C. 453 rev. 47, 1946.

Ebeling, Cal. Ext. C. 43 rev. 48, 1947.

Eide, Wash. St. Hort. Assoc. P. 42
122,127-128, 1946.

French, Va. Dept. Agr. B. 446 9,
1946.

Fulton, N. C. TB 85 11-12,14,16,
1947.

Gambrell, N. Y. (G.) Farm Res. 12
(2) 20, 1946.

Gambrell & Wheeler, N. Y. (G.) R.
63 26, 1945.

Garner, Prod. of Tob. 283-284, 1946.

Holdaway et al., Hawaii R. f.
1942/44 70-73, 1945.

Howard et al., USDA Misc. Pub. 526
rev. 16-17, 1945.

Jacobs, Chem. & Engin. News 25
2712, 1947

Jones, Oreg. C. Inform. 375.2-4,
1946.

Lathrop et al., Maine Ext. B. 353 7-
10, 1947.

Lehker, Ind. Ext. B. 239 rev. 9, 1947.

Miller & Thompson, Oreg. C. Inform.
404 2-3, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 306
rev. 15.19, 1946.

Neiswander, Ohio Veg. & Potato
Grow. Assoc. P. 30 134,136, 1945.

Nettles et al., S. C. Ext. B. 109 30,35,
1947.

Osorio, Control de Plagas 8 [i.e. 7]
69-70, 1945.

Polivka, Ohio B. 659.173, 1945.

Polivka, Ohio Bimo. B. Farm &
Home Res. 32.107-110,146-148,
1947.

Quaintance & Porter, USDA FB 1398
rev. 15.25, 1946.

Quesada, Control de Plagas 9 75,
1947.

bi Radeleff, Vet. Med. 42 425, 1947.

Schread, Conn. B. 505.6-9,20, 1947.

Slate, Conn. R. f. 1944/45.14,16-20,
25.

Talbert, Gen. Hort. 221,223,226, 1946.

Thompson, Oreg. St. Hort. Soc. R. 38.
90, 1946.

Thompson, Oreg. C. Inform. 410.3,
1947.

Tob. Ins. Conf. Recom. Com. Recom.
Control Tob. Ins. f. 1948, Flue-
Cured Tob.:9-10. Cigar Tob. 2,
1947.

INSECTICIDES - LEAD ARSENATE -
DETOXICANTS - CRYOLITE

bi Marcovitch, J. Indus. Hyg. & Toxi-
col. 29 175-177, 1947.

INSECTICIDES - LEAD ARSENATE &
LIME

Pepper, N. J. Ten-Ton Tomato Club
R. f. 1945:17-19,22.

- INSECTICIDES - LEAD ARSENATE & OIL EMULSION
Thompson, Oreg. St. Hort. Soc. R. 37. 105-107, 1945.
- INSECTICIDES - LEAD ARSENATE & PARIS GREEN
Nettles et al., S. C. Ext. B. 109:30,35-36, 1947.
Price, Ky. Ext. C. 437.4-6, 1947.
Tob. Ins. Conf. Recom. Com.
Recom. Control Tob. Ins. f. 1948,
Flue-Cured Tob.:5, Burley & Dark
Fire-Cured Tob.:1-3, 1947.
Va. Ext. B. 97 rev.43, 1947.
- INSECTICIDES - LEAD ARSENATE & PHENOTHIAZINE
Du Pont de Nemours & Co., Oil, Paint
& Drug Rptr. 150(21):81, 1946.
- INSECTICIDES - LEAD ARSENATE & SULFUR
Morisset, Quebec Soc. Protect.
Plants R. 30:64-65, 1947.
- INSECTICIDES - LEAD ARSENATE (ACID vs. BASIC)
Powell & Chandler, Ill. St. Hort. Soc.
Trans. 79:373-374, 1946.
- INSECTICIDES - LEAD ARSENATE (BASIC)
Chandler, Ill. St. Hort. Soc. Trans. 79:131, 1946.
Howard et al., USDA Misc. Pub. 526
rev. 17, 1945.
- INSECTICIDES - LEAD ARSENATE MIXTURES
Weinman & Powell, Ill. St. Hort. Soc.
Trans. 80:114,116, 1947.
- INSECTICIDES - LEAD ARSENATE vs. DDT
i Harman, J. Ec. Ent. 40:257, 1947.
- INSECTICIDES - LEGISLATION
Du Mond, Agr. Chem. 1(2):31,33, 1946.
Hamilton, Soap & Sanit. Chem. 23(11)
114-115, 1947.
Hitchner, Agr. Chem. 1(1):33-35, 1946.
Kerr, La. Comnr. Agr. & Immigr.
Blen. R. 32:69-71, 1946.
Zick, Soap & Sanit. Chem. 21(6):127,
129, 1945.
Ala. Dept. Agr. & Indus., Rules &
Regulat. Relat. to Insectic. &
Fungic., 13 p., 1946.
- INSECTICIDES - LEGISLATION - ARIZONA
Ariz. Sp. B. Econ. Poisons R. 1:3-5,
1946, 2.3, 1947.
- INSECTICIDES - LEGISLATION - CANADA
Gardiner, Can. Min. Agr. R. f. 1945/46:
82-83,178-179,182; f. 1946/47:206.
- INSECTICIDES - LEGISLATION - CONNECTICUT
Slate & Sweeney, Conn. C. 162:11-16,
1945.
- INSECTICIDES - LEGISLATION - FEDERAL ACT OF 1910
Gilmer, USDA Prod. & Mktg. Adm. R.
f. 1946/47:60.
Hunter, USDA Solicitor R. f. 1946/47:9.
McDonnell, Soap & Sanit. Chem. 19
(10):133,135,137,139; 21(11):123,
125,127, 1945.
Reed, Pests 14(10):34,36, 1946.
- INSECTICIDES - LEGISLATION - FEDERAL ACT OF 1910--Continued.
Shields, USDA Prod. & Mktg. Adm. R.
f. 1945/46:75.
- INSECTICIDES - LEGISLATION - FEDERAL ACT OF 1947
i Janssen, Glass Packer 26(10):741-743,792,794, 1947.
McDonnell, Soap & Sanit. Chem. 21
(1) 103,105,107,109,111, 1945, 23
(8):114-117,152A, 1947.
Reed, Soap & Sanit. Chem. 23(12) 141,
143,145, 1947.
U. S. Cong. (79th Sess.2) House, Com.
Agr., Fed. Insectic., Fungic., & Rodentic. Act. Hearings, Ser. J. on
H. R. 4851 (H. R. 5645 reported)
Feb. 5,6,7,21, 84 p., 1946.
U. S. Cong. (80th Sess. 1) House Com.
Agr., Subcom., Fed. Insectic. &
Fungic. & Rodentic. Act, Hearings
on H. R. 1237, Apr. 11, 55 p., 1947.
USDA, Oil, Paint & Drug Rptr. 152
(2):5,41, 1947.
USDA, Pests 15(8):40,42, 1947.
- INSECTICIDES - LEGISLATION - MAINE
Soule, Maine Off. Insp. 198.94-96,
1945, 202 91-93, 1946, 206 91-94,
1947.
- INSECTICIDES - LEGISLATION - NORTH DAKOTA
Aandahl, N. Dak. St. Lab. Dept. B.
80,8 p., 1947.
- INSECTICIDES - LEGISLATION - OREGON
Cole, Oreg. Dept. Agr. Agr. B. 150
14, 1946.
- INSECTICIDES - LEGISLATION - TEXAS
McDonald & Fraps, Tex. C. 108,15 p.,
1945.
McDonald & Fudge, Tex. C. 112,13 p.,
1946, 118,11 p., 1947.
- INSECTICIDES - LEGISLATION - UTAH
Welling, Utah St. Bd. Agr. Blen. R.
13:26, 1947?
- INSECTICIDES - LEGISLATION - VERMONT
Bailey, Agriview 5(3):1, 1946.
- INSECTICIDES - LETHANE
Bourne, Mass. B. 436.39, 1946.
Portman, Amer. Assoc. Econ. Ent.
N. Cent. Sta. Branch P. 25:50, 1946.
- INSECTICIDES - LETHANE B-71
Neiswander, Ohio Veg. & Potato
Grow. Assoc. P. 30:134, 1945.
- INSECTICIDES - LETHANE B-71 & FUNGICIDES
Muncie & Morofsky, Mich. TB 204:
3-4,15-20, 1947.
- INSECTICIDES - LETHANE B-72
Neiswander, Ohio Veg. & Potato
Grow. Assoc. P. 30:134, 1945.
Underhill, Va. TB 101:7-8,17-18,21,
1946.
- INSECTICIDES - LETHANE B-72 & FUNGICIDES
Muncie & Morofsky, Mich. TB 204:3,
15-16,18, 1947.
- INSECTICIDES - LETHANE EMULSION
Lacroix, N. Amer. Vet. 26:420-421, 1945.

INSECTICIDES - LIME

- Howard et al., USDA Misc. Pub. 526 rev. 14-15, 1945.
 Lechrone, Okla. Ext. C. 108 rev. 14, 1946.
 Polivka, Ohio B. 659 173, 1945.
 INSECTICIDES - LIME, see also INSECTICIDES - CALCIUM ARSENATE & LIME, INSECTICIDES - LEAD ARSENATE & LIME, INSECTICIDES - SULFUR & LIME
 INSECTICIDES - LIME-SULFUR
 Enzie & Eyer, N. Mex. B. 342 30, 1947.
 Howard et al., USDA Misc. Pub. 526 rev. 17-18, 1945.
 Jacobs, Chem. & Engin. News 25 2712, 1947.
 List, J. Ec. Ent. 40 108-110, 1947.
 INSECTICIDES - LIME-SULFUR, see also INSECTICIDES - TANNERY SLUDGE
 INSECTICIDES - LIME-SULFUR - TOXICITY
 b Abbott, J. Ec. Ent. 38 619-620, 1945
 INSECTICIDES - LINSEED OIL
 b Matthyse, N. Y. (C.) B. 832 39, 63-64, 1946.
 INSECTICIDES - LINSEED OIL, see also INSECTICIDES - KEROSENE - LINSEED OIL
 INSECTICIDES - MS 62, see INSECTICIDES - SMEAR 62
 INSECTICIDES - MAGNESIUM ARSENATE
 Howard et al., USDA Misc. Pub. 526 rev. 18, 1945.
 Pepper, N. J. C. 495 9, 11, 1945.
 Quesada, Control de Plagas 9 75, 1947.
 INSECTICIDES - MANNITAN MONOLAU-RATE & ROTENONE
 Netswander, Ohio Veg. & Potato Grow. Assoc. P. 30 134-136, 1945.
 INSECTICIDES - MANUFACTURERS
 Kiplinger, Ohio Flor. Assoc. Month. B. 198 10-11, 1946
 McClintock & Fisher, Spray Chem. & Appl. Equip. 303-304, 307-309, 1945.
 Sappington, Indus. Med. 14 383-386, 1945.
 Amer. Assoc. Ec. Ent. East. Branch, Entoma ed. 6:312-317, 1945, ed. 7 406-412, 1947.
 Md. Univ. Control Ser. 194:3-8, 1945, 198 5-11, 1946; 202:5-11, 1947.
 INSECTICIDES - MARKETING
 Althaus, South. Seedsman. 10(9):19, 54, 1947.
 i Dent, Farmacéutico 23(3):64, 66, 101-102, 1947.
 Jones, Soap & Sanit. Chem. 21(6):129, 131, 1946.
 Leonard et al., Oil, Paint & Drug Rptr. 149(17):3, 1946.
 Meredith, Amer. Drug. 113(5):90-91, 182, 186, 1946.
 Reed, Soap & Sanit. Chem. 21(10):129, 1945.
 Rohwer, Soap & Sanit. Chem. 21(10):129, 131, 1945.

INSECTICIDES - MARKETING--Continued.

- U. S. Dept. Com. Off. Dom. Com. Indus. R. Chem. & Drugs, Oct 1947 20-24, Dec. 1947:19-24.
 INSECTICIDES - MARKETING - ARGENTINA
 Jovin, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(57) 1-2, 1946, 5(22) 1-6, 1947.
 Singer, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(120) 1-3, 1946.
 INSECTICIDES - MARKETING - BRAZIL
 Leslie, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(86) 1-4, 1946.
 INSECTICIDES - MARKETING - CUBA
 Bennett, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(90) 1-2, 1946.
 INSECTICIDES - MARKETING - FOREIGN MARKETS
 Arrington, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(81) 1-5, 1946.
 Arrington, U. S. Off. Internatl. Trade, World Trade in Commod. Pt. 2 Chem. 5(66) 1-2, (68):1-4, (70) 1-2, (75) 1-2, (76) 1-2, (77) 1-2, 1947.
 Bowling, U. S. Off. Internatl. Trade, World Trade in Commod. Pt. 2 Chem. 5(95) 1, 1947.
 Bullockus & Houghton, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 5(63) 1-3, 1947
 Cavanaugh, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 5(13) 1-2, 1947.
 Concannon, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(37) 1-7, 1946, 5 (14) 1-8, 1947.
 Fletcher, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 5(63) 1, 1947.
 Haley, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(91) 1-3, 1946.
 Houston, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 5(63) 1, 1947.
 Howard, U. S. Off. Internatl. Trade, World Trade in Commod. Pt. 2 Chem. 5(95):1-2, 1947.
 Lister, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(104) 1-4, (124) 1-7, 1946.
 Markwood, U. S. Dept. Com. Foreign Com. Wkly. 19(9) 7-11, 1945.
 Chem. & Drug Div. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(123) 1-5, 1946.
 INSECTICIDES - MARKETING - MEXICO
 Higgins & Arrington, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 4(11) 1-4, 1946.
 INSECTICIDES - MARKETING - NEW-FOUNDLAND
 Cavanaugh, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 5(13):1-2, 1947.
 INSECTICIDES - MARKETING - SMALL PACKAGE
 Doner, Agr. Chem. 2(8):17-20, 49, 1947.
 INSECTICIDES - MARLATE, see INSECTICIDES - METHOXYCHLOR
 INSECTICIDES - MERCURIC CHLORIDE
 Ahlgren, N. J. B. 724:24, 1946.

INSECTICIDES - MERCURIC CHLORIDE
 --Continued.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206
 rev.:8,11, 1947.
 Howard et al., USDA Misc. Pub. 526
 rev.:18-19, 1945.
 Pratt et al., N. Y. (C.) Ext. B. 696
 rev. 46, 1947.
 Thompson, Ont. Dept. Agr. B. 449:10,
 1947.
 INSECTICIDES - MERCUROUS CHLO-
 RIDE
 Breakey, Wash. B. 470:124, 1945.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206
 rev.:8-11,67, 1947.
 Howard et al., USDA Misc. Pub. 526
 rev.:19, 1945.
 Krone et al., Mich. Ext. B. 4 rev.:54,
 1945.
 McLeod, J. Ec. Ent. 39:632, 1946.
 Mote et al., Oreg. Ext. B. 676:7, 1947.
 INSECTICIDES - MERCURY COMPOUNDS
 Shoemaker, Veg. Grow. 450-451,459-
 463, 1947.
 INSECTICIDES - METHASAN
 Slesman et al., Amer. Potato J. 22:
 242-250, 1945.
 INSECTICIDES - METHOXYCHLOR
 Annand, USDA EPQ R. f. 1946/47:5-7,
 9,12.
 Baker, USDA YB f. 1943/47:653.
 Bishopp, J. Ec. Ent. 39:455-456, 1946.
 Cartwright, S. C. R. 60:80-81, 1947.
 Creighton, Natl. Shade Tree Conf. P.
 23-111, 1947.
 Dent, Farmaceutico 23(1):83,144, 1947.
 Hinman & Cowan, USDA EPQ E-722:
 14-16,19-21, 1946.
 Jefferson, Natl. Shade Tree Conf. P.
 23:381, 1947.
 Kelsheimer, Fla. St. Hort. Soc. P. 60:
 122-123, 1947.
 Knippling, Soap & Sanit. Chem. 23(7):
 131, 1947.
 McDaniel, Gladiolus Mag. 11(3):14,
 1947.
 Marcovitch & Stanley, Tenn. R. 59:92-
 94, 1947.
 Metcalf, Cal. Agr. 1(10):2, 1947.
 Roberts, Lower Rio Grande Val. Cit.
 & Veg. Inst. P. 1:72, 1946.
 Slesman & Wilson, Veg. Grow. Assoc.
 Amer. R. 37:185-186,191, 1945.
 Slesman & Wilson, Ohio Veg. & Po-
 tato Grow. Assoc. P. 31:185, 1946.
 Stetson, Food Packer 28(5):74, 1947.
 Tisdale, Internatl. Apple Assoc. P. 53:
 93, 1947.
 Tisdale, Mich. St. Hort. Soc. R. 76:30,
 1947.
 Weinman, Amer. Assoc. Ec. Ent. N.
 Cent. Sts. Branch P. 2:77, 1947.
 Wilson & Slesman, Veg. Grow. Assoc.
 Amer. R. 37:202,204, 1945.
 INSECTICIDES - METHOXYCHLOR -
 ANALYSIS
 Haller, Agr. Chem. 2(9):26-27,73,75,
 1947.
 INSECTICIDES - METHOXYCHLOR -
 EFFECT ON PLANTS
 Wilson & Slesman, Ohio Veg. & Pota-
 to Grow. Assoc. P. 32:80-81, 1947.

INSECTICIDES - METHOXYCHLOR -
 TESTS
 Telford, J. Ec. Ent. 40:928-930, 1947.
 INSECTICIDES - METHOXYCHLOR -
 TOXICITY TO GOLDFISH
 Ginsburg, N. J. Mosq. Exterm. Assoc.
 P. 34:132-135, 1947.
 INSECTICIDES - MINERAL OIL, see IN-
 SECTICIDES - OIL
 INSECTICIDES - NBIN FORMULA
 Annand, USDA EPQ R. f. 1945/46:14.
 b Carpenter et al., J. Invest. Dermat.
 7:93-98, 1946.
 Eddy, J. Invest. Dermat. 7:85-91,
 1946.
 Eddy et al., USDA EPQ E-685:3-4,
 1946.
 Knippling, J. Ec. Ent. 39:363, 1946.
 Knippling, USDA YB f. 1943/47:634.
 USDA EPQ Orlando, Fla., Lab., USDA
 Misc. Pub. 606:58, 1946.
 INSECTICIDES - NAPHTHALENE
 Howard et al., USDA Misc. Pub. 526
 rev.:22-23, 1945.
 INSECTICIDES - NAPHTHALENE &
 BENTONITE & C.P.O. SOAP
 Kenaly, Trees 6(4):14, 1946.
 INSECTICIDES - NAPHTHALENE
 (CRUDE)
 i Glendinning & Fulton, Sci. Agr. 28
 547-553, 1947.
 INSECTICIDES - NAPHTHALENE
 (MOTH BALLS)
 Glendinning & Fulton, Sci. Agr. 28:
 547-553, 1947.
 INSECTICIDES - 2-NAPHTHOL
 Howard et al., USDA Misc. Pub. 526
 rev.:6, 1945.
 INSECTICIDES - NEOCID BA-50, see
 INSECTICIDES - DDT (NEOCID
 BA-50)
 INSECTICIDES - NEONICOTINE, see
 INSECTICIDES - ANABASINE
 INSECTICIDES - NEW
 App, Conn. Veg. Grow. Assoc. P. 34:
 62-63, 1946.
 Armitage et al., Cal. Dept. Agr. B.
 35:206, 1947.
 Boyd, N. J. Dept. Agr. C. 355:10-11,
 1945.
 Chambers, Wis. Hort. 37:238-239,
 1947.
 Chandler, Ill. Fruit Exch. News 11(8):
 3, 1947.
 Compton, Flor. Rev. 97(2520):37, 1946.
 Conklin, N. H. Hort. Soc. J. 9:48-51,
 1946; 10:59-61, 1947.
 Cory, Amer. Nurserym. 85(7):9,81,
 1947.
 Creighton, Fla. St. Hort. Soc. P. 60:
 212-215, 1947.
 b Creighton, Natl. Shade Tree Conf. P.
 23:106-116, 1947.
 Davis, Pests 14(6):10,12, 1946.
 Davis, Pest Control & Sanit. 2(12):14-
 15, 1947.
 DeAtley, Pests 15(1):32,34,36-37,
 1947.
 Dietz, Pa. St. Hort. Assoc. News 22
 (1):36-38,40-42, 1945.
 Egloff, Chemurg. Digest 5:243-244,
 1946.

INSECTICIDES - NEW--Continued.

- b Goodhue, Iowa St. Col. J. Sci. 19 255-262, 1945.
- Gould, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:47-48, 1946.
- Groggins, Chem. Indus. 59 274-275, 1946.
- b Haller, Indus. & Engin. Chem. Indus. Ed. 39:467-473, 1947.
- Harris, Natl. Farm. Chemurg. Council Chemurg. Papers 504:4-5, 1946.
- Heuberger & Stearns, Phytopathology 37 9, 1947. (Abs.)
- Howland, Better Homes & Gard. 25(4) 136, 1946.
- Jefferson, Natl. Shade Tree Conf. P. 23:380-385, 1947.
- Knippling, USDA YB f. 1943/47 632-642
- b Knippling, Pests 15(2).10,12,14, 1947.
- Langford, Arbor. News 12:33-36, 1947.
- McClintock & Fisher, Spray Chem. & Appl. Equip. 180-186, 1945.
- McDaniel, Gladiolus Mag. 11(3).14-15, 1947.
- i Mail, Chem. Indus. 60 218-220, 1947.
- Metcalf, Cal. Agr. 1(10) 2, 1947.
- Nelson, Through the Leaves 35(3):29-30, 1947.
- O'Kane et al., N. H. B. 363.40, 1945.
- Porter, Amer. Fruit Grow. 67(1):19, 1946.
- Pyenson, Flower Grow. 33.180-181, 200,202, 1946.
- Quackenbush, Horticulture 25.306,324, 1947.
- Ratcliff, Collier's 115(17):14-15, 1945.
- Skaptason, Chem. Indus. 59 272-274, 1946.
- Smith, Control de Plagas 9.103-104, 1947.
- Stanley, Tenn. St. Hort. Soc. P. 40.92-95, 1946.
- Stetson, Food Packer 28(5):72,74, 1947.
- Tate, Neb. St. Bd. Agr. R. f. 1945:431-434.
- b Tate, Amer. Assoc. Cereal Chem. Trans. 4:37-43, 1946.
- Tawse, Can. Flor. 42(7):8-9,30,33-34, 1947.
- Tisdale, Internatl. Apple Assoc. P. 53. 89-94,96-98, 1947.
- Tisdale, Mich. St. Hort. Soc. R. 76.26-30, 1947.
- Turner, Chron. Bot. 9:92-93, 1945.
- Turner, Conn. Veg. Grow. Assoc. P. 35:57-59, 1947.
- Twinn, Can. J. Pub. Health 38:94, 1947. (Abs.)
- b Twinn, Sci. Agr. 27:97-101, 1947.
- Webster, Better Fruit 41(11):29-30, 1947.
- Wingo, Mo. St. Hort. Soc. Hort. News 7(11):1-2, 1947.
- i Witman, Chem. Indus. 58:590-591, 1946.
- Witman, Ohio Veg. & Potato Grow. Assoc. P. 31:314-317, 1946.
- Witman, Amer. Fruit Grow. 67(8):30-31,36-37, 1947.
- Woglum, Pest Control & Sanit. 2(5):16-17, 1947.

INSECTICIDES - NEW--Continued.

- i USDA EPQ, USDA Consum. Guide 13 (7):3-5, 1947.
- U. S. Pub. Health Serv., Pan Amer. Union B. Ofic. Sanit. 26:772-775, 1947.
- West. Colo. Hort. Soc. Quart. B. 2(2) 5-6, Tenn. Hort., Oct. 10, 1947-4.
- INSECTICIDES - NEW - ORGANIC
- Brown, Ent. Soc. Manitoba P. 2 10-18, 1946.
- INSECTICIDES - NEW - PROBLEMS
- Annand, Agr. Chem. 2(10).34-37,39, 1947, Span. trans.. Control de Plagas 9:148-154, 1947.
- INSECTICIDES - NEW - TESTS
- Annand, USDA EPQ R. f. 1943/44.13-14,26, f. 1944/45 18-19, f. 1946/47. 2-21.
- Bishopp, Agr. Chem. 1(6) 19-22,39-40, 1946.
- Bishopp, Soap & Sanit. Chem. 22(10) 181, 1946.
- Marcovitch & Stanley, Tenn. R. 58. 113-114, 1946.
- b Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:86-90, 1947.
- Watts, S. C. R. 59 161-163, 1947.
- INSECTICIDES - NEW - TOXICITY
- Newcomer, Wash. St. Hort. Assoc. P. 43.20-21, 1947.
- INSECTICIDES - NICOTINE
- Anderson, West. Colo. Hort. Soc. Trans. f. 1946:59-64, 1947.
- Annand, USDA EPQ R. f. 1943/44:26; f. 1946/47:6,12,14,22.
- Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev. 13-14, 1945.
- Bishopp, J. Ec. Ent. 39 452, 1946.
- Chapman et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 17-19, 1947.
- Concannon, U. S. Bur. Foreign & Dom. Com. Indus. R. Chem. & Allied Prod., Mar. 1946:35.
- Galloway, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:50-52, 1945.
- Howard et al., USDA Misc. Pub. 526 rev.:23-25, 1945.
- Isely & Lincoln, Ark. Ext. Leaf. 94: 3-6, 1947.
- Markwood & Arrington, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 3(39): 1-3, 1945.
- Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev.:231, 1946.
- Mills & Dewey, N. Y. (C.) Ext. B. 711: 83-84, 1947.
- Milne, South. Flor. 60(25):56, 1947.
- Mundinger, J. Ec. Ent. 39:301-305, 1946.
- Parks & King, Ohio Ext. B. 76 rev.: 53-55, 1947.
- Pratt et al., N. Y. (C.) Ext. B. 696:32, 1946; rev.:32, 1947.
- Quesada, Control de Plagas 9:90, 1947.
- Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:101, 1947.

INSECTICIDES - NICOTINE--Continued.
b Scholl & Medler, J. Ec. Ent. 40:447-448, 1947.

Witman, Amer. Fruit Grow. 67(8):30, 1947.

INSECTICIDES - NICOTINE, *see also* INSECTICIDES - CALCIUM ARSE-NATE & NICOTINE; INSECTICIDES - SMOKES - NICOTINE

INSECTICIDES - NICOTINE - ANALYSIS
b Bowen, Assoc. Off. Agr. Chem. J. 28:578-585, 1945; 30:315-319, 1947.

INSECTICIDES - NICOTINE - SUPPLIES
Hall, Cranberries 9(10):5,18, 1945.
Holdaway, Hawaii Farm & Home 8(5). 20-21, 1945.

Rodda, Chem. Indus. 56:407, 1945.
INSECTICIDES - NICOTINE - SYNER-GISTS & ACTIVATORS

Annard, USDA EPQ R. f. 1946/47 4.

INSECTICIDES - NICOTINE - TOXICITY
Larson et al., J. Pharm. & Expt. Ther. 88:82-86, 1946.

INSECTICIDES - NICOTINE - TOXICITY TO INSECTS
Richardson, J. Ec. Ent. 38:710-711, 1945.

Yeager & Munson, Science 102:305-307, 1945.

INSECTICIDES - NICOTINE & PHTHAL-ONITRILE

Howard, USDA AIC R. f. 1946/47:38-39

INSECTICIDES - NICOTINE (FREE)
Baker et al., Wash. B. 497:41,44, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:25-26, 1945.

INSECTICIDES - NICOTINE ALKALOID,
see INSECTICIDES - NICOTINE (FREE)

INSECTICIDES - NICOTINE BENTONITE
Howard et al., USDA Misc. Pub. 526 rev.:24, 1945.

Turner, Conn. C. 164:5-6, 1947.

INSECTICIDES - NICOTINE COMPOUNDS
Annard, USDA EPQ R. f. 1944/45:18.
b Mayer et al., USDA EPQ E-646,14 p., 1945; E-709,16 p., 1946; E-720, 11 p., E-725,10 p., 1947.

Slate, Conn. R. f. 1945/46:9.

INSECTICIDES - NICOTINE SULFATE
Annard, USDA EPQ R. f. 1946/47:5, 10,28.

Baker et al., Wash. B. 497:41,44-46, 1947.

Bushnell & Twiehaus, Kans. B. 326: 90-91, 1945.

Clark & Hoveland, Wis. B. 472:9-10, 14, 1947.

Gannon, Ga. Ext. B. 524 rev.:35, 1947.

Graham, B. C. Lumberm. 29(4):120, 1945.

Haseman, Mo. B. 391 ed. 2:11, 1946.

Lincoln, Ark. Ext. C. 438:13, 1945.

Markwood & Arrington, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2, 3(39): 1-3, 1945.

Mote et al., Oreg. Ext. B. 676:4, 1947.

Scott & Scott, Chrysanthemums for Pleasure:16-18,25,27, 1947.

Mich. Ext. B. 270:32, 1945.

INSECTICIDES - NICOTINE SULFATE & SOAP

Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:21-22,37,46, 1947.

INSECTICIDES - NICOTINE SULFATE MIXTURES

Shoemaker, Veg. Grow.:451-452, 1947.

INSECTICIDES - NICOTINUM SALTS
b Mayer et al., USDA EPQ E-725, 10 p., 1947.

INSECTICIDES - NOMENCLATURE
Frear, USDA PISAE Plant Dis. Rptr. 31:328, 1947.

Knorr, USDA PISAE Plant Dis. Rptr. 31:211-212, 1947.

Peairs, J. Ec. Ent. 39:421, 1946.

INSECTICIDES - NORNICOTINE

Bishopp, J. Ec. Ent. 39:452, 1946.

b Roark, USDA EPQ E-636,23 p., 1945.

INSECTICIDES - NORNICOTINE - ANALYSIS

b Bowen, Assoc. Off. Agr. Chem. J. 30:315-319, 1947.

INSECTICIDES - OCTA-KLOR. *see* INSECTICIDES - CHLORDANE (OCTA-KLOR)

INSECTICIDES - OTI, *see* INSECTI-CIDES - OFFICIAL TEST INSEC-TICIDE

INSECTICIDES - OFFICIAL TEST IN-SECTICIDE

Soap & Sanit. Chem. 21(6):137,141,1945.

INSECTICIDES - OIL

Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:75, 1947.

Howard et al., USDA Misc. Pub. 526 rev.:20-22, 1945.

b Matthysse, N. Y. (C.) B. 832:39,64, 1946.

Packard, USDA Agr. Res. Adm. R.A.S 16(E),2 p., 1945.

Tate, J. Ec. Ent. 39:414, 1946.

INSECTICIDES - OIL, *see also* INSECTI-CIDES - DDT & OIL, INSECTI-

CIDES - DICHLOROETHYL

ETHER & OIL, INSECTICIDES -

FISH OIL; INSECTICIDES -

ISOBORNYL THIOCYANOACE-

TATE & OIL, INSECTICIDES -

LEAD ARSENATE & OIL; INSEC-

TICIDES - PYRETHRINS & OIL,

INSECTICIDES - PYRETHRUM &

OIL; INSECTICIDES - ROTE-

NONE & OIL

INSECTICIDES - OIL - CLASSIFICA-TION

Hockenyos, Soap & Sanit. Chem. 21(3): 109,115,117,141, 1945.

INSECTICIDES - OIL - COMPOSITION
Pearce & Avens, N. Y. (G.) R. 64:26-27, 1946.

INSECTICIDES - OIL & PYRETHRINS
Kelsheimer & Beckenbach, Fla. R. f. 1945/46:109.

INSECTICIDES - OIL (ORTHO EAR-WORMICIDE)

Cal. Spray-Chem. Corp., Keep "Worms" Out with "Ortho" Ear-wormicide,4 p., 1947?.

- INSECTICIDES - OIL (VEGETABLE)**
Howard et al., USDA Misc. Pub. 526 rev. 37, 1945.
- INSECTICIDES - OIL MIXTURES**
Haseman, Mo. B. 490:58, 1945.
Vorhies & Wehrle, Ariz. P. 203:31-32, 1946.
- INSECTICIDES - OIL MIXTURES - TOXICITY TO INSECTS**
b Stafford, J. Ec. Ent. 39 499-503, 1946.
- INSECTICIDES - OINTMENTS**
Gunn, Amer. Fur Breed. 19(3) 58, 1946.
Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev. 514, 1946.
- INSECTICIDES - OINTMENTS - BENZENE HEXACHLORIDE & PINE OIL & XYLOL**
Simms, USDA BAI R. f. 1946/47 53.
- INSECTICIDES - OINTMENTS - DDT**
Sanders & Tissot, Fla. R. f. 1945 46 64.
Sutton, U. S. Army Med. Dept. Bul. 4 480, 1945.
- INSECTICIDES - OINTMENTS - "KIL-VE"**
Skitarelic, Amer. Med. Assoc. J. 134 1297-1298, 1947.
- INSECTICIDES - OINTMENTS - LANO-LIN**
Telford, J. Ec. Ent. 40 928-930, 1947.
- INSECTICIDES - OINTMENTS - MERCURY COMPOUNDS**
Lee, Profitable Poult. Mangt. rev. 237, 1947.
- INSECTICIDES - OINTMENTS - SULFUR**
Tiner & Douglass, N. Amer. Vet. 27 219, 1946.
- INSECTICIDES - OINTMENTS - SULFUR MIXTURES**
Lee, Profitable Poult. Mangt. rev. 239, 1947.
Peters & Deyoe, Raising Livestock 263, 1946.
U. S. Army Med. Dept. Bul. 7 1049-1050, 1947.
- INSECTICIDES - ORGANIC COMPOUNDS**
b Hoskins & Craig, Ann. Rev. Biochem. 15:539-572, 1946.
Questel & Gertler, USDA EPQ E-707, 25 p., 1946.
Stahl, J. Ec. Ent. 39 610-612, 1946.
Thompson, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19.50, 1945.
Woodruff & Turner, Conn. B. 512 60-67, 1946.
- INSECTICIDES - ORGANIC COMPOUNDS - STORAGE, LABORATORY**
Gertler & Schechter, USDA EPQ ET-240, 3 p., 1947.
- INSECTICIDES - ORGANIC COMPOUNDS (SYNTHETIC)**
Bishopp, J. Ec. Ent. 39:452-457, 1946.
Botger & Levin, USDA EPQ E-729, 23 p.; 738, 14 p., 1947.
b Haller, Agr. Chem. 2(9):26-28, 73, 75, 77, 79, 1947.
b Hoskins & Craig, Ann. Rev. Biochem. 15:549-559, 1946.
- INSECTICIDES - ORGANIC COMPOUNDS (SYNTHETIC)--Continued.**
b Morrison, Ent. Soc. Ont. R. 76 18-20, 1946.
n Swingle et al., USDA EPQ E-634, 23 p., 1945, E-730 pt. 1, 57 p., 1947.
- INSECTICIDES - ORTHO EARWORMICIDE, see INSECTICIDES - OIL (ORTHO EARWORMICIDE)**
- INSECTICIDES - ORTHODICHLORO-BENZENE**
b Fletcher, Pests 13(3) 15-16, 18, 20, 22, 24, 26, 28, 1945.
- INSECTICIDES - ORTHOTOX (CAL. SPRAY CHEM. CO.), see INSECTICIDES - METHOXYCHLOR**
- INSECTICIDES - OUTLOOK**
b Bishopp, J. Ec. Ent. 39.449-459, 1946.
Green, Control de Plagas 8.99-100, 1946.
Hall, USDA BAE Agr. Situation 30(7) 11-12, Northw. Mill. 228(8) 19-20, 22, 1946.
Hitchner, Mkt. Grow. J. 74(1) 10, 34, 1945.
Parks, Sun-up 2(3).15, 1947.
Rodda, Soap & Sanit. Chem. 21(8) 112-113, 121, 1945.
Rohwer, Soap & Sanit. Chem. 23(6) 135-137, 169, 191, 193, 1947.
Rohwer et al., Chem. & Engin. News 25.1802, 1947.
- INSECTICIDES - PARADICHLOROBENZENE**
Sherman, U. S. Army Med. Dept. Bul. 84 12-13, 1945 (Abs.)
- INSECTICIDES - PARATHION**
Annand, USDA EPQ R. f. 1946/47 12.
Creighton, Fla. St. Hort. Soc. P. 60 214, 1947.
Creighton, Natl. Shade Tree Conf. P. 23 113-114, 1947.
Crosby, Cal. Fruit 94 407, 1947.
b Gaines, J. Ec. Ent. 40.896-899, 1947.
Gleissner et al., Agr. Chem. 2(10) 61, 1947.
Griffiths et al., Fla. St. Hort. Soc. P. 60 81-82, 86, 1947.
Jefferson, Natl. Shade Tree Conf. P. 23 384, 1947.
O'Neill, Wash. St. Hort. Assoc. P. 43 13-16, 1947.
Questel & Connin, J. Ec. Ent. 40.914-915, 1947.
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60 87, 1947.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:5, 1947.
- INSECTICIDES - PARATHION - HAZARDS & SAFEGUARDS**
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:5, 1947.
- INSECTICIDES - PARATHION - TOXICITY**
Blauvelt & Hoffman, N. Y. St. Flower Grow. B. 29:6, 1947.

- INSECTICIDES - PARATHION - TOX-
ICITY--Continued.
O'Neill, Wash. St. Hort. Assoc. P. 43:
15-16, 1947.
- INSECTICIDES - PARIS GREEN
Howard et al., USDA Misc. Pub. 526
rev.:27, 1945.
- Quesada, Control de Plagas 9:75, 1947.
- INSECTICIDES - PARIS GREEN, see also
INSECTICIDES - LEAD ARSE-
NATE & PARIS GREEN
- INSECTICIDES - PARIS GREEN - DE-
TERMINATION
U. S. Pub. Health Serv. & Tenn. Val.
Authority, Malar. Control on Im-
pound. Water:411, 1947.
- INSECTICIDES - PARIS GREEN - HIS-
TORY
Ansbacher, A. I. F. News 4(9):4, 1946.
- INSECTICIDES - PARIS GREEN - TOX-
ICITY TO INSECTS
b Haller, Indus. & Engin. Chem. Indus.
Ed. 39:468-469, 1947.
- INSECTICIDES - PARIS GREEN - TOX-
ICITY TO WILDLIFE
i Stearns et al., W. J. Mosq. Exterm.
Assoc. P. 34:82-95, 1947.
- INSECTICIDES - PARTICLE SIZE
Glasgow & Collins, N. J. Mosq. Ex-
term. Assoc. P. 33:29-30, 1946.
(Abs.)
Potts, J. Ec. Ent. 39:716-720, 1946.
Potts, Ohio St. Hort. Soc. P. 100:193-
204, 1947.
- i Potts, Trees 7(5):8-9, 18, 20-21, 1947.
- INSECTICIDES - PARTICLE SIZE, see
also DUSTS - PARTICLE SIZE;
SPRAYS - PARTICLE SIZE
- INSECTICIDES - PATENTS, see PEST
CONTROL - PATENTS
- INSECTICIDES - PENTACHLOROPHE-
NOL
b Weinman & Decker, J. Ec. Ent. 40:
74-78, 1947.
- INSECTICIDES - PENTACHLOROPHE-
NOL MIXTURES
Berger, Ill. Nat. Hist. Surv. C. 41:23-
24, 28, 1947.
- INSECTICIDES - PENTAMETHYLFLA-
VAN
Annand, USDA EPQ R. f. 1946/47:18.
- INSECTICIDES - PEPPER (BLACK)
Lathrop & Keirstead, Maine B. 442:
219, 1946.
- INSECTICIDES - PESTROY, see INSEC-
TICIDES - DDT (PESTROY)
- INSECTICIDES - PHENOL DERIVATIVES,
CHLORINATED
b Weinman & Decker, J. Ec. Ent. 40:
74-78, 1947.
- INSECTICIDES - PHENOTHIAZINE
Graham, B. C. Lumberm. 29(4):120,
1945.
Howard et al., USDA Misc. Pub. 526
rev.:27-28, 1945.
Porter, Amer. Fruit Grow. 67(1):19,
1946.
Tisdale, Internatl. Apple Assoc. P. 53:
90-91, 1947.
Tisdale, Mich. St. Hort. Soc. R. 76:
28, 1947.
- INSECTICIDES - PHENOTHIAZINE, see
also INSECTICIDES - LEAD AR-
SENATE & PHENOTHIAZINE
- INSECTICIDES - PHENOTHIAZINE -
EFFECT ON MITE POPULATIONS
Marshall, Sci. Agr. 25:549, 1946.
- INSECTICIDES - PHENOTHIAZINE -
TOXICITY TO INSECTS
Haller, Indus. & Engin. Chem. Indus.
Ed. 39:468-469, 1947.
- INSECTICIDES - PHENOTHIAZINE
(THIODIPHENYL-AMINE) - TOX-
ICITY TO INSECTS - BEES
Eide, J. Ec. Ent. 40:51, 53, 1947.
- INSECTICIDES - PHENYL CELLOSOLVE
Hansens, Amer. J. Hyg. 41:5-6, 1945.
Payne et al., Reunion Interamer. del
Tifo Pub. Ofic. 1:257-260, 1947.
- INSECTICIDES - PHENYLCHLORO-
METHYLSULFONE, see INSECTI-
CIDES - CHLOROMETHYL PHEN-
YL SULFONE
- INSECTICIDES - PHOSPHORUS
Fisher, Creamery J. 57(5):35, 1946.
Howard et al., USDA Misc. Pub. 526
rev.:28, 1945.
- INSECTICIDES - PHOSPHORUS PASTE
Howard et al., USDA Misc. Pub. 526
rev.:28, 1945.
- INSECTICIDES - PHTHALIMIDES, N-
SUBSTITUTED
Siegler & Gertler, J. Ec. Ent. 39:539,
1946.
- INSECTICIDES - PHTHALONITRILE, see
INSECTICIDES - NICOTINE &
PHTHALONITRILE
- INSECTICIDES - PHYSICAL PROPER-
TIES
Graham, B. C. Lumberm. 29(4):120,
122, 1945.
- INSECTICIDES - PINE OIL
Cotton & Frankenfeld, J. Ec. Ent. 39:
420, 1946.
- INSECTICIDES - PINE OIL, see also
INSECTICIDES - BENZINE HEXA-
CHLORIDE & PINE OIL; INSEC-
TICIDES - DDT & PINE OIL; IN-
SECTICIDES - OINTMENTS -
BENZENE HEXACHLORIDE &
PINE OIL
- INSECTICIDES - PINE OIL (PURE)
Kemper et al., N. Amer. Vet. 28:666-
667, 1947.
- INSECTICIDES - PINE TAR
Conn, Sheep Health ed. 2:107, 1945.
A.S.T.M. Stds. f. 1945, pt. 2:198-203.
- INSECTICIDES - PINE TAR & COTTON-
SEED OIL
Kemper, USDA FB 980 rev.:6-7, 9,
1947.
- INSECTICIDES - PINE TAR OIL
A.S.T.M. Stds. f. 1945, pt. 2:198-203.
- INSECTICIDES - PIPERIC ACID - TOX-
ICITY TO FLIES
b Synerholm et al., Boyce Thompson
Inst. Contrib. 13:433-442, 1945.
- INSECTICIDES - PIPERINE
Crowley, Cranberries 10(10):23, 1946
- INSECTICIDES - PIPERONYL BUTOX-
IDE
Annand, USDA EPQ R. f. 1946/47:4, 14.

INSECTICIDES - PIPERONYL BUTOXIDE--Continued.

- Dove, Amer. J. Trop. Med. 27:339-345, 1947.
- Dove, Pest Control & Sanit. 2(10):16-17, 22, 1947.
- Dove, Pests 15(9):30, 1947.
- INSECTICIDES - PIPERONYL BUTOXIDE, see also INSECTICIDES - PYRETHRINS & PIPERONYL BUTOXIDE; INSECTICIDES - PYRETHRUM & PIPERONYL BUTOXIDE
- INSECTICIDES - PIPERONYL COMPOUNDS
- Howland, Better Homes & Gard. 25(8):4, 1947.
- INSECTICIDES - PIPERONYL COMPOUNDS, see also INSECTICIDES - PIPERONYL BUTOXIDE; INSECTICIDES - PIPERONYL CYCLO-NENE
- INSECTICIDES - PIPERONYL CYCLO-HEXENONE, see PIPERONYL CYCLO-NENE
- INSECTICIDES - PIPERONYL CYCLO-NENE
- Annard, USDA EPQ R. f. 1946/47:4,9, 14.
- Baker, USDA YB f. 1943/47:654.
- Marcovitch & Stanley, Tenn. R. 58:114, 1946.
- Stanley, Tenn. St. Hort. Soc. P. 40.94, 1946.
- Viehmeier, Neb. R. 60:92, 1947.
- INSECTICIDES - PIPERONYL CYCLO-NENE, see also INSECTICIDES - PYRETHRINS & PIPERONYL CYCLO-NENE, PYRETHRUM & PIPERONYL CYCLO-NENE
- INSECTICIDES - PIPERONYL CYCLO-NENE - TOXICITY TO ANIMALS
- Lemmon, Agr. Chem. 2(6):39, 1947.
- INSECTICIDES - PIPERONYL CYCLO-NENE - TOXICITY TO INSECTS - BEES
- Elde, J. Ec. Ent. 40:50,52,54, 1947.
- INSECTICIDES - 2-PIVALYL-1,3-INDANDIONE
- Knitpling, Iowa St. Col. J. Sci. 22:48-49, 1947.
- INSECTICIDES - PLANT ABSORPTION, see INSECTICIDES - SYSTEMIC
- INSECTICIDES - POTASSIUM CYANIDE - TOXICITY TO INSECTS
- b Munson & Yeager, Ent. Soc. Amer. Ann. 40:475-488, 1947.
- INSECTICIDES - POTASSIUM FERRICYANIDE - TOXICITY TO INSECTS
- b Munson & Yeager, Ent. Soc. Amer. Ann. 40:475-488, 1947.
- INSECTICIDES - POTASSIUM SULFIDE
- Quesada, Control de Plagas 9:91, 1947.
- INSECTICIDES - PREPARATION
- Howard et al., USDA Misc. Pub. 526 rev.:38-39, 1945.
- INSECTICIDES - PRIORITIES
- McGrew, Amer. Cranb. Grow. Assoc. Ann. Mtg. P. 75:12-13, 1945.
- INSECTICIDES - PRODUCTION
- i Sappington, Indus. Med. 14:383-386, 1945.

INSECTICIDES - PRODUCTION - CANADA

- Fox, U. S. Dept. Com. Foreign Com. Wkly. 20(11):9-10,37-38, 1945.
- INSECTICIDES - PYRAX, see INSECTICIDES - PYROPHYLLITE (PYRAX)
- INSECTICIDES - PYRETHRIN I - DE-TERMINATION
- b Green & Carter, Soap & Sanit. Chem. 22(7):148A,148C, 1946.
- INSECTICIDES - PYRETHRINS
- Watson et al., Natl. Malar. Soc. J. 5:200-201, 1946.
- INSECTICIDES - PYRETHRINS, see also INSECTICIDES - OIL & PYRETHRINS
- INSECTICIDES - PYRETHRINS - DE-TERMINATION
- i Seil, Soap & Sanit. Chem. 23(9):131, 133, 1947.
- INSECTICIDES - PYRETHRINS - EF-FECT OF STORAGE
- Annard, USDA EPQ R. f. 1946/47:3-4.
- Gersdorff & Barthel, Soap & Sanit. Chem. 22(10):155,157, 1946.
- INSECTICIDES - PYRETHRINS - SYN-ERGISTS & ACTIVATORS
- Creighton, Fla. St. Hort. Soc. P. 60:215, 1947.
- Dove, Amer. J. Trop. Med. 27:339-345, 1947.
- INSECTICIDES - PYRETHRINS & OIL
- Kelsheimer, Fla. R. f. 1946/47:123.
- INSECTICIDES - PYRETHRINS & PIPERONYL BUTOXIDE
- Dove, Amer. J. Trop. Med. 27:339-345, 1947.
- Dove, Pests 15(9):30, 1947.
- INSECTICIDES - PYRETHRINS & PIPERONYL CYCLO-NENE
- Drake et al., Iowa R. f. 1946/47 pt. 1:201.
- INSECTICIDES - PYRETHRUM
- Annard, USDA EPQ R. f. 1946/47:7,9, 14,17-19,22.
- Baker et al., Wash. B. 497:42,44-46, 1947.
- Bohart, Hilgardia 17:295-296,300,302, 1947.
- Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:18,31,46,49,72,88, 1947.
- Concannon, U. S. Bur. Foreign & Dom. Com. Indus. R. Chem. & Allied Prod, Mar. 1946:33-34.
- Dean & Chapman, N. Y. (G.) B. 716:31, 33-36,40, 1946.
- Doner, Agr. Chem. 2(8):19, 1947.
- b Harries et al., J. Agr. Res. 71:551-565, 1945.
- Howard et al., USDA Misc. Pub. 526 rev.:29-30, 1945.
- i Jarrett, Agr. Chem. 1(8):27-29,49, 1946.
- Markwood & Arrington, U. S. Bur. For. & Dom. Com. Indus. Ref. Serv. Pt. 2,3(42):1-5, 1945.
- Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev.:333-334, 1946.
- Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:34, 1946.

- INSECTICIDES - PYRETHRUM--Continued.**
 Parks & King, Ohio Ext. B. 76 rev.: 59, 1947.
 Pratt et al., N. Y. (C.) Ext. B. 696:32, 1946; rev.:32, 1947.
 Price, J. Ec. Ent. 38:706, 1945.
 Price, Ky. Ext. C. 435.8, 1947.
 Rohwer, Soap & Sanit. Chem. 23(6): 136, 1947.
 Shepard, Pests 14(11):22, 1946.
 Shoemaker, Veg. Grow.:452-453, 1947.
 Skaptason, Agr. Chem. 1(5):26-27, 1946.
 Thomas, J. Ec. Ent. 38:678-682, 1945.
 Witman, Amer. Fruit Grow. 67(8):31, 1947.
 Mich. Ext. B. 269:24, 1945.
 U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:157-158,220-221,387, 1947.
- INSECTICIDES - PYRETHRUM, see also INSECTICIDES - DDT & PYRETHRUM**
- INSECTICIDES - PYRETHRUM - OUT-LOOK**
 Kinnard, U. S. Dept. Com. Dom. Com. 34(4):22-23, 1946.
 i Kinnard, U. S. Dept. Com. Foreign Com. Wkly. 24(6):5-7,33-34, 1946.
- INSECTICIDES - PYRETHRUM - PRIORITIES**
 Soap & Sanit. Chem. 21(9):124D, 1945.
- INSECTICIDES - PYRETHRUM - STANDARDS**
 Agr. Chem. 21(1):53, 1947.
- INSECTICIDES - PYRETHRUM - SUPPLIES**
 Hall, Cranberries 9(10):5, 1945.
 Rodda, Chem. Indus. 58:407-408, 1945.
 Stoddard, Pests 13(7):16, 1945.
- INSECTICIDES - PYRETHRUM - SYNERGISTS & ACTIVATORS**
 Annand, USDA EPQ R. f. 1946/47.4, 18,22.
 b Gnadinger, Pyrethrum Flowers sup. to ed. 2 1936-1945:524-535, 1945.
 b Knipling, Pests 15(2):12, 1947.
 Knipling, Soap & Sanit. Chem. 23(7): 131, 1947.
 b McAllister et al., J. Ec. Ent. 40:908-909, 1947.
 Mail, Chem. Indus. 60:219, 1947.
 b Synerholm et al., Boyce Thompson Inst. Contrib. 15:35-45, 1947.
- INSECTICIDES - PYRETHRUM - TESTS**
 Annand, USDA EPQ R. f. 1944/45:19-20.
 b Gnadinger, Pyrethrum Flowers sup. to ed. 2 1936-1945:455-507, 1945.
- INSECTICIDES - PYRETHRUM - TOXICITY TO INSECTS**
 b Haller, Indus. & Engin. Chem. Indus. Ed. 39:468-471, 1947.
- INSECTICIDES - PYRETHRUM & FUNGICIDES**
 Muncie & Morofsky, Mich. TB 204:3, 9-10,12,16-19, 1947.
- INSECTICIDES - PYRETHRUM & OIL**
 Curry, N. Mex. R. 56:46-47, 1946?
 Kelsheimer, Fla. R. 57:116, 1946?
- INSECTICIDES - PYRETHRUM & OIL--Continued.**
 Kelsheimer, Fla. St. Hort. Soc. P. 59: 83-84, 1946; 60:121-123, 1947.
- INSECTICIDES - PYRETHRUM & PIPERONYL BUTOXIDE**
 Kelsheimer, Fla. R. f. 1946/47:127.
- INSECTICIDES - PYRETHRUM & PIPERONYL CYCLONENE**
 Gould, Ind. R. 59:82-83, 1946.
 Kelsheimer, Fla. R. f. 1946/47:127.
- INSECTICIDES - PYRETHRUM EXTRACT**
 b Goodhue, Iowa St. Col. J. Sci. 19: 257-258, 1945.
 Mote et al., Oreg. Ext. B. 676:4-5, 1947.
- INSECTICIDES - PYRETHRUM FLOWERS**
 bi Gnadinger, Pyrethrum Flowers sup. to ed. 2 1936-1945:381-690, 1945.
- INSECTICIDES - PYRETHRUM MARC**
 Jardine et al., USDA OES R. f. 1944: 52, 1945.
- INSECTICIDES - PYRIDINE**
 Annand, USDA EPQ R. f. 1945/46:14
- INSECTICIDES - PYRIDINE, see also INSECTICIDES - SMEARS - STOCK 1029**
- INSECTICIDES - PYROPHYLLITE, see INSECTICIDES - BENZENE HEXACHLORIDE & PYROPHYLLITE (PYRAX), INSECTICIDES - DDT & PYROPHYLLITE**
- INSECTICIDES - REGISTRATION**
 Alden, Ga. Dept. Ent. B. 87 12, 1945; 88 32-34, 89:13, 1946, 90 13, 1947
 Gardiner, Can. Min. Agr. R. f. 1946/47:99-100.
 Gates, Colo. Bur. Plant & Ins. Control R. f. 1945/46 39-44
 Gates, West. Colo. Hort. Soc. Trans. f. 1945:51-52, 1946.
 Janssen, Glass Packer 26(10):792,794, 1947.
 Ariz. Econ. Poisons R. 2:32 p., 1947. (Sp. B.)
- INSECTICIDES - RESEARCH**
 Haseman, Mo. B. 510:32, 1947.
 Slate, Conn. R. f. 1944/45:11-14.
 i Sneddon, Petroleum Engin. 17(9):77-78,80,82, 1946.
- INSECTICIDES - RESIDUAL EFFECTS**
 Jardine et al., USDA OES R. f. 1944/45:58, 1946.
 Pletsch, Mont. B. 446:71-73,85, 1947.
- INSECTICIDES - RESISTANT INSECTS**
 Dickson & Lindgren, Cal. Citrog. 32: 542-543, 1947.
 Dickson & Lindgren, Cit. Leaves 27 (10):7.34, 1947.
 Goldsmith & Harnly, Science 103:650, 1946.
 Hammond, Ent. Soc. Ont. R. 77:14,17-18, 1947.
 McGovran & Gersdorff, Soap & Sanit. Chem. 21(12):165,169, 1945.
 Quayle, Cal. Citrog. 30:98,103, 1945.
 Steiner et al., Ind. Hort. Soc. Trans. 85:45, 1946.

INSECTICIDES - RESISTANT INSECTS-- Continued.

Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:69-74, 1946.

Sun, Minn. TB 177:23-34, 1947.

Whitehead & Bewick, Okla. Acad. Sci. P. 27:41, 1947

Yeager & Munson, Ent. Soc. Amer. Ann. 38:559-600, 1945, 39:145-151, 1946.

INSECTICIDES - ROTENONE

Annard, USDA EPQ R. f. 1944/45.19, f. 1946/47:5-6,17-18.

Apple, Ill. Veg. Grow. B. 5(1) 7-8, 1945.

Baker et al., Wash. B. 497 42,46-47, 51-52,58, 1947.

Batchelder & Questel, USDA EPQ E-659.1-2,7-10, 1945.

Bissell & Dupree, Ga. B. 254:3, 1947.

Breakey, Wash. Packer 12(8).5, 1947.

Chupp & Leiby, N. Y. (C.) Ext. B. 208 rev. 14,18,20-21,27,30,34,36-37,45-46,50,56,59-60,62,72,77-78,86-87, 1947.

Decker, Agr. Chem. 2(7) 20,22,24, 1947.

Doner, Agr. Chem. 2(8).19, 1947.

Dove, J. Milk & Food Technol. 10 216-217, 1947.

Elde, Wash. St. Hort. Assoc. P. 42: 120-124,126,128, 1946.

Gentry, Iowa Vet. 18(3) 12,15, 1947

Howard et al., USDA Misc. Pub. 526 rev.:30-32, 1945.

Huckett, N. Y. (G.) B. 713 19-22,29, 1945

Imes et al., USDA FB 909 rev.:6,9, 1947

Jones, Oreg. C. Inform. 375.4-5, 1946

Jones, Tex. Livestock J. 6(3) 15, 1947

Kelly, Kans. Ext. Livestock Ins. Control in Kans.:4,7-9,12-13,21, 1946?

Knapp & Lewis, For Sale, Want & Exch. B. 4(12).1,4, 1945.

Krone et al., Mich. Ext. B. 4 rev.:37, 1945.

Lincoln, Ark. Ext. C. 438.13, 1945.

Luttermoser, Pa. Univ. B. 47(28)

School Vet. Med. Vet. Ext. Quart. 107):63-70, 1947.

Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev.:334-335, 1946.

Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:12-13,34,36, 1946.

Mimms & Zaumeyer, USDA FB 1996. 38-39, 1947.

Mote et al., Oreg. Ext. B. 676:6, 1947.

Muma, Neb. Ext. C. 1548:4, 1947.

Neiswander, Veg. Grow. Assoc. Amer. R. 37:118-122, 1945.

Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30:135-136, 1945, 31:121, 1946.

Neiswander, Ohio B. 673:46-47, 1947.

Parks & King, Ohio Ext. B. 76 rev.:51-52, 1947.

Pepper, N. J. C. 495:8-10, 1945.

Pepper, Pa. Ext. C. 287:10-11, 1946.

Portman, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:50, 1946.

INSECTICIDES - ROTENONE--Continued.

Pratt et al., N. Y. (C.) Ext. B. 696. 31-32, 1946; rev. 31-32,35, 1947.

Price, Ky. Ext. C. 435:3-5,7-8, 1947.

Quaintance & Porter, USDA FB 1398

rev. 15, 1946.

Rebrassier et al., U. S. Livestock

Sanit. Assoc. P. 49.84, 1946.

b Roark, USDA EPQ E-652,126 p., E-

654,15 p., E-655,83 p., E-656, 27 p., 1945.

Rohwer, Soap & Sanit. Chem. 23(6).

136-137, 1947.

Ruffin, Ala. Ext. Handb. Ala. Agr. ed.

4:101, 1947.

Schwartz, USDA YB f. 1943/47.73-74.

Schwartz, Amer. Vet. Med. Assoc. J.

106:332-333,335, 1945.

Schwartz, U. S. Livestock Sanit. As-

soc. P. 49 74-75, 1946.

Shoemaker, Veg. Grow.:453-456,460-

461,478, 1947

Shull et al., Ida. C. 103:4-7, 1945

Shull et al., Ida. Ext. B. 155 9-10,

1945.

Slate et al., N. Y. (G.) C. 153 rev.:50-

51,55,57-58, 1945.

Smith, Aberdeen-Angus J. 28(2) 72-73,

1946

Smith, Amer. Cattle Prod. 28(1).11-

13, 1946

Stanley & Marcovitch, Tenn. C. 97.

4 p., 1947.

Swanson, U. S. Livestock Sanit. As-

soc. P. 50 94, 1947.

Tate, Neb. St. Bd. Agr. R. f. 1945 487-

488.

Turner, Conn. C. 164:5-6, 1947.

Vorhies & Wehrle, Ariz. B. 203 21,30,

43-44, 1946.

Weaver et al., S. Dak. Ext. Leaf. 102

1, 1946. (Repr.)

Wilkinson, Conn. Veg. Grow. Assoc.

P. 34:25, 1946.

Witman, Amer. Fruit Grow. 67(8) 31,

1947

Mich. Ext. B. 270.31-33; 271 48-49,

1945.

INSECTICIDES - ROTENONE. see also

INSECTICIDES - DERRIS; INSEC-

TICIDES - LETHANE 60 & ROTE-

NONE, INSECTICIDES - MANNI-

TAN MONOLAURATE & ROTE-

NONE

INSECTICIDES - ROTENONE - ADJU-

VANTS

Annard, USDA EPQ R. f. 1943/44.22.

INSECTICIDES - ROTENONE - ANALY-

SIS

Graham, Assoc. Off. Agr. Chem. J.

30.311-312, 1947.

Assoc. Off. Agr. Chem. J. 30:63-64,

1947.

INSECTICIDES - ROTENONE - HISTORY

Flowers, South. Stockm. 5(9) 28,30,

1945.

INSECTICIDES - ROTENONE - IMPORTS

Agr. Chem. 1(1):23,35, 1946.

INSECTICIDES - ROTENONE - PATENTS

Roark, USDA EPQ E-706,45 p., 1946.

- INSECTICIDES - ROTENONE - REVIEW
b McIndoo, USDA EPQ E-713,201 p., 1947.
- Markwood & Arrington, U. S. Dept. Com. Indus. Ref. Serv. Pt. 2,3(48):1-6, 1945.
- INSECTICIDES - ROTENONE - SUBSTITUTES
Gray & Schuh, Oreg. Seed Grow. League P. Ann. Mtg. 4:47, 1945.
- INSECTICIDES - ROTENONE - SUPPLIES
Hall, Cranberries 9(10):5, 1945.
Rodda, Chem. Indus. 56:407, 1945.
Stoddard, Pests 13(7):16, 1945.
- INSECTICIDES - ROTENONE - TESTS
Mundinger, J. Ec. Ent. 39:301-305, 1946.
- Parker & Beacher, Del. B. 264:21-22, 25, 1947.
- b Scholl & Medler, J. Ec. Ent. 40:447-448, 1947.
- Stearns et al., J. Ec. Ent. 40:81-82, 1947.
- Telford, J. Ec. Ent. 40:928-930, 1947.
- Wilson et al., J. Ec. Ent. 40:102-103, 1947.
- INSECTICIDES - ROTENONE - TESTS, COLORIMETRIC
Jones, Assoc. Off. Agr. Chem. J. 29. 127-129, 1946.
- INSECTICIDES - ROTENONE - TOXICITY TO INSECTS - BEES
Elde, J. Ec. Ent. 40:51,53-54, 1947.
- INSECTICIDES - ROTENONE & FUNGICIDES
Muncie & Morofsky, Mich. TB 204:3-4,9-10,14,16,20,22, 1947.
- INSECTICIDES - ROTENONE & OIL
Stafford, J. Ec. Ent. 39:501-503, 1946.
- INSECTICIDES - ROTENONE & SULFUR
Tate, Neb. St. Bd. Agr. R. f. 1945:491.
- INSECTICIDES - ROTENONE & SULFUR (WETTABLE)
Gunderson, J. Ec. Ent. 38:398-399, 1945.
- Peters & Deyoe, Raising Livestock: 277-278, 1946.
- INSECTICIDES - ROTENONE MIXTURES
Whitmire Res. Lab., Inc., Cold Blooded Killer, 11 p., 1946.
- INSECTICIDES - RYANEX
Bourne, Mass. B. 441:35-36, 1947.
- Carruth, N. Y. (G.) Farm Res. 11(1): 20, 1945.
- Creighton, Natl. Shade Tree Conf. P. 23:115, 1947.
- Dugas & Conclenne, Assoc. South. Agr. Workers P. 44:123, 1947. (Abs.)
- Huckett, N. Y. (G.) R. 65:20, 1947.
- McDaniel, Gladiolus Mag. 11(3):15, 1947.
- Neiswander, Veg. Grow. Assoc. Amer. R. 37:118-122, 1945.
- Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 31:120-121, 1946.
- Neiswander, Ohio B. 673:46-47, 1947.
- b Pepper & Carruth, J. Ec. Ent. 38: 59-66, 1945.
- Pollivka, Ohio Bimo. B. Farm & Home Res. 32:107-108, 1947.
- Pyenson, Flower Grow. 33:181, 1946.
- INSECTICIDES - RYANEX--Continued.
Stanley, Tenn. St. Hort. Soc. P. 40:94, 1946.
- Trullinger et al., USDA OES R. f. 1945/46:109, 1947.
- INSECTICIDES - RYANEX - DILUENTS
Pepper & Carruth, J. Ec. Ent. 38:64-65, 1945.
- INSECTICIDES - RYANEX - EFFECT ON BENEFICIAL INSECTS
Wheeler & La Plante, J. Ec. Ent. 39: 211-215, 1946.
- INSECTICIDES - RYANEX MIXTURES
Huckett, J. Ec. Ent. 39:185-188, 1946.
- INSECTICIDES - RYANIA
Annand, USDA EPQ R. f. 1946/47:6,9, 12,14.
- Baker, USDA YB f. 1943/47:654.
- Bishopp, J. Ec. Ent. 39:451-452, 1946.
- Decker, Agr. Chem. 2(7):20,22,24, 1947.
- Langford, Arbor. News 12:36, 1947.
- Marcovitch & Stanley, Tenn. R. 59:92, 1947.
- Martin, N. J. R. 66:89, 1946.
- Turner, Conn. C. 164:5-6, 1947.
- USDA EPQ, USDA Consum. Guide 13 (7):4, 1947.
- INSECTICIDES - RYANIA, see also INSECTICIDES - RYANEX
- INSECTICIDES - RYANIA (GROUND STEMS)
Baker & Bradley, USDA EPQ E-718 rev. 4 p., 1947.
- INSECTICIDES - SABACIDE, see INSECTICIDES - SABADILLA (SABACIDE)
- INSECTICIDES - SABADILLA
Annand, USDA EPQ R. f. 1946/47:6,9, 14.
- Baker, USDA YB f. 1943/47:654.
- Bishopp, J. Ec. Ent. 39:451, 1946.
- Chambers, Wis. Hort. 37:239, 1947.
- Creighton, Natl. Shade Tree Conf. P. 23:114-115, 1947.
- Doner, Agr. Chem. 2(8):19, 1947.
- Dugas & Conclenne, Assoc. South. Agr. Workers P. 44:123, 1947. (Abs.)
- Howard et al., USDA Misc. Pub. 526 rev.:53-54, 1945.
- Knipling, USDA YB f. 1943/47:642.
- Krieger, Agr. Chem. 1(4):19-21,32; Soap & Sanit. Chem. 22(9):135,137, 1946.
- Kuntz & Chapman, Wis. B. 469:28, 1946.
- Langford, Arbor. News 12:36, 1947.
- McDaniel, Gladiolus Mag. 11(3):15, 1947.
- Marcovitch & Stanley, Tenn. R. 58: 110,114,117, 1946; 59:95, 1947.
- Martin, N. J. R. 66:89, 1946.
- Pyenson, Flower Grow. 33:200, 1946.
- Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:101, 1947.
- b Scholl & Medler, J. Ec. Ent. 40:447-448, 1947.
- Tate, Neb. St. Bd. Agr. R. f. 1945:434.
- Tate, Amer. Assoc. Cereal Chem. Trans. 4:42-43, 1946.
- Tate & Gates, J. Ec. Ent. 38:391, 1945.
- Tate et al., Neb. R. 58:60, 1945.

INSECTICIDES - SABADILLA--Continued.

- Tisdale, Internat'l. Apple Assoc. P. 53: 90, 1947.
 Tisdale, Mich. St. Hort. Soc. R. 76:28, 1947.
 White, USDA YB f. 1943/47:669.
 Witman, Amer. Fruit Grow. 67(8):31, 1947.
 Wolfenbarger, Fla. Ent. 29:37-38,40-41,44, 1947.
 Woodside, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[22], 1946.
 USDA EPQ, USDA Consum. Guide 13 (7):4, 1947.
INSECTICIDES - SABADILLA, see also INSECTICIDES - OINTMENTS - "KIL-VE"
INSECTICIDES - SABADILLA - TOXICITY TO INSECTS - BEES
 Elde, J. Ec. Ent. 40:51,53, 1947.
INSECTICIDES - SABADILLA - FUNGICIDES
 Muncie & Morofsky, Mich. TB 204:3, 16,18-20, 1947.
INSECTICIDES - SABADILLA (SABACIDE)
 McConnon & Co., The Story of Sabacide, 7 p., 1946?
INSECTICIDES - SAVANNAH NO. 5, see INSECTICIDES - SMEARS - DDT (SAVANNAH NO. 5)
INSECTICIDES - SELENIUM
 i Ball, Can. Flor. 41:367-368, 1946.
 Blackaller Valdes, Chapingo No. 17 25-27, 1947.
 Blauvelt, Flor. Exch. 105(17):16, 1945.
 Blauvelt, N. Y. (C.) R. 58:122, 1946, 59:122-123, 1947.
 Blauvelt et al., Flor. Rev. 96(2489): 25-26, 1945.
 Cooper, Can. Flor. 40:393, 1945; 41: 208-209, 1946.
 Cooper, Can. Flor. 41:208-209, 1946.
 Cory, Amer. Nurserym. 85(7):81, 1947.
 Cronk, Home Gard. (N. Y.) 5(5):57, 1945.
 Davis, Pests 14(6):12, 1946.
 English, South. Flor. 59(46):53-54, 1947.
 Farrar, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:54, 1946.
 Farrar, Flor. Rev. 97:34, 1946.
 bi Fuller, Chemurg. Digest 6:113,115-117, 1947.
 Hancock, Gard. Gossip 22(3):19, 1947.
 Howland, South. Flor. 58(21):5-6, 1945.
 Kiplinger, Ohio Flor. Assoc. Month. B. 198:1-2, 1946.
 bi Kiplinger & Fuller, Amer. Soc. Hort. Sci. P. 47:451-462, 1946.
 Langford, Arbor. News 12:36, 1947.
 Martin, N. J. R. 66:59-60, 1946.
 Milne, South. Flor. 60(25):54-55, 1947.
 Pynson, Home Gard. (N. Y.) 8(6):25, 1946.
 Reek, Ont. Agr. Col. & Expt. Farm R. 71:86, 1946.
 Robertson, B. C. Dept. Agr. R. 41:W74, 1947.

INSECTICIDES - SELENIUM --Continued

- Whitcomb et al., Mass. B. 441:37, 1947.
 White, Mass. B. 436:45, 1946.
 White & Whitcomb, Amer. Soc. Hort. Sci. P. 47:503-506, 1946.
 b White et al., Assoc. Off. Agr. Chem. J. 29:349-358, 1946.
 Ohio Flor. Assoc. Month. B. 210:1-2, 1947.
INSECTICIDES - SELENIUM, see also INSECTICIDES - SULFUR & SELENIUM
INSECTICIDES - SELENIUM - EFFECT ON PLANTS
 Tienken, Amer. Orchid Soc. B. 16: 288-289, 1947.
INSECTICIDES - SELENIUM - TOXICITY TO ANIMALS
 bi Rosenfeld & Beath, J. Pharm. & Expt. Ther. 91:218-223, 1947.
INSECTICIDES - SEMICARBAZONES
 b Gertler, USDA EPQ E-705,15 p., 1946.
INSECTICIDES - SHORTAGES
 O'Neill, Better Fruit 40(8):13, 1946.
INSECTICIDES - SITUATION
 b Bishopp, J. Ec. Ent. 39:449-459, 1946.
 Lockwood, Agr. Chem. 2(6):47-50, 1947.
INSECTICIDES - 666, see INSECTICIDES - BENZENE HEXACHLORIDE
INSECTICIDES - SODIUM FLUOALUMINATE, see INSECTICIDES - CRYOLITE
INSECTICIDES - SODIUM SELINATE, see INSECTICIDES - SELENIUM
INSECTICIDES - SODIUM SILICOFLUORIDE, see INSECTICIDES - SODIUM FLUOSILICATE
INSECTICIDES - SODIUM TETRABORATE, see INSECTICIDES - BORAX
INSECTICIDES - SKIPADOR
 Compton, Flor. Rev. 97(2520):37, 1946.
INSECTICIDES - SMEAR 62
 Annand, USDA EPQ R. f. 1943/44:22, f. 1945/46:31.
 Blakeslee et al., J. Ec. Ent. 40:666, 1947.
 Cameron, Cal. Ext. C. 130:27, 1945.
 Carr, Cal. Dairym. 26(2):32, 1946.
 Dove, USDA Agr. Res. Adm. R.A.S. 15(E), 2 p., 1945.
 Drake & Tauber, Iowa R. f. 1944/45 pt. 1:248.
 Fauke, Sheep & Goat Raiser 25(5):18, 1945.
 Hall et al., USDA FB 1330 rev.:12, 1946.
 Hixson, Okla. Ext. C. 387 rev.:19-20, 29, 1946.
 Kammlade, Ill. Ext. C. 534 rev.:35, 1946.
 McAdory, Auburn Vet. 1:100,106, 1945.
 Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev.:334, 1946.

- INSECTICIDES - SMEAR 62--Continued.
Swanson, U. S. Livestock Sanit. Assoc.
P. 50 95, 1947.
Wermelskirchen, in Davis et al., Live-
stock Enterprises rev. 136, 1946.
- INSECTICIDES - SMEAR 82
Annand, USDA EPQ R. f. 1946/47:21.
Luttermoser, Pa. Univ. B. 47(28)
(School Vet. Med. Vet. Ext. Quart.
107):69, 1947.
Rude & Graham, Sheep & Goat Raiser
27(6):10, 1947.
Rude & Graham, Tex. Vet. Bul. 9(1):
3-4, 1947.
Rude & Graham, USDA EPQ E-708
rev., 3 p., 1947.
- INSECTICIDES - SMEAR P-55
Annand, USDA EPQ R. f. 1943/44:21.
- INSECTICIDES - SMEARS - CHLORO-
PHENOXATHIN
Annand, USDA EPQ R. f. 1944/45:19,
f. 1945/46:14.
- INSECTICIDES - SMEARS - DDT (STOCK
1037)
Annand, USDA EPQ R. f. 1945/46:9.
Blakeslee & Bruce, USDA EPQ E-719.
1, 1947.
Blakeslee et al., J. Ec. Ent. 40:664-
666, 1947.
Rude, USDA EPQ E-686:2-3, 1946.
Rude, J. Ec. Ent. 40:301-303, 1947.
Sanders & Tissot, Fla. R. f. 1946/47
68-69.
- INSECTICIDES - SMEARS - DDT
(SAVANNAH NO. 5)
Blakeslee & Bruce, USDA EPQ E-719.
1, 1947.
Blakeslee et al., J. Ec. Ent. 40:664-
666, 1947.
Sanders & Tissot, Fla. R. f. 1946/47.
68-69.
- INSECTICIDES - SMEARS - STOCK 1029
Kemper, USDA FB 980 rev.:5-6,9,
1947.
Rude, Sheep & Goat Raiser 26(11):38,
1946.
Rude & Parish, USDA EPQ E-695:2-4,
1946.
Rude & Parish, Tex. Vet. Bul. 8(9):
5-6, 1946.
- INSECTICIDES - SMOKES - AZOBEN-
ZENE
Hansens, N. J. Mosq. Exterm. Assoc.
P. 34:114-119, 1947.
- INSECTICIDES - SMOKES - BENZENE
HEXACHLORIDE
Hansens, N. J. Mosq. Exterm. Assoc.
P. 34:114-119, 1947.
- INSECTICIDES - SMOKES - CORDACIDE
Pearsall & Wallace, Soap & Sanit.
Chem. 22(10):139,141,143,161,163,
1946.
- INSECTICIDES - SMOKES - DDT
Hansens, N. J. Mosq. Exterm. Assoc.
P. 34:114-119, 1947.
Pearsall & Wallace, Soap & Sanit.
Chem. 22(10):143,163, 1946.
- INSECTICIDES - SMOKES - DDT (TOXI-
CORD)
Slate, Conn. R. f. 1944/45:14.
- INSECTICIDES - SMOKES - MANGO
LITTER
Annand, USDA EPQ R. f. 1944/45:12.
Shaw & Starr, J. Ec. Ent. 39:526-528,
1946.
- INSECTICIDES - SMOKES - NICOTINE
Hansens, N. J. Mosq. Exterm. Assoc.
P. 34:114-119, 1947.
- INSECTICIDES - SOAP
Leffingwell & Lesser, Amer. Cattle
Prod. 27(7):25-26, 1945.
- INSECTICIDES - SODIUM ARSENITE
Berger, Ill. Nat. Hist. Surv. C. 41:23-
24,28, 1947.
Howard et al., USDA Misc. Pub. 526
rev.:33, 1946.
Stilson, Amer. Waterworks Assoc. J
38:630, 1946.
- INSECTICIDES - SODIUM CHLORIDE
Billings, Sewage Works J. 19:1078,
1947. (Abs.)
- INSECTICIDES - SODIUM CYANIDE
Howard et al., USDA Misc. Pub. 526
rev.:33-34, 1945.
- INSECTICIDES - SODIUM CYANIDE -
TOXICITY TO INSECTS
b Munson & Yeager, Ent. Soc. Amer.
Ann. 40:475-488, 1947.
- INSECTICIDES - SODIUM FLUORIDE
Gannon, Ga. Ext. B. 524 rev.:34-35,
1947.
Howard et al., USDA Misc. Pub. 526
rev. 34, 1945.
Quesada, Control de Plagas 9:76,
1947.
- INSECTICIDES - SODIUM FLUORIDE -
TOXICITY TO ANIMALS
b McClure & Kornberg, J. Pharm. &
Expt. Ther. 89:77-80, 1947.
- INSECTICIDES - SODIUM FLUOROACE-
TATE
Cox, U. S. Navy BUMED News Let. 7
(7):15, 1946.
- INSECTICIDES - SODIUM FLUOROACE-
TATE - SALES RESTRICTION
Soap & Sanit. Chem. 22(1):151, Pests
14(1):28, 1946.
- INSECTICIDES - SODIUM FLUOSILI-
CATE
Dugas & Conclienne, Assoc. South.
Agr. Workers P. 44:123, 1947. (Abs.)
Howard et al., USDA Misc. Pub. 526
rev.:34-35, 1945.
Trullinger et al., USDA OES R. f.
1945/46:106, 1947.
- INSECTICIDES - SODIUM METARSEN-
ITE - TOXICITY TO INSECTS
Yeager & Munson, Ent. Soc. Amer.
Ann. 38:559-600, 1945; 39:145-151,
1946.
- INSECTICIDES - SPECIFICATIONS
Soap & Sanit. Chem. 23(11):141,143,
1947.
Soap & Sanit. Chem. Blue Book ed. 17:
207-209, 1945; ed. 18:203-205, 1946;
ed. 19:183,185,187, 1947.
- INSECTICIDES - STANDARDIZATION
Allen, Agr. Chem. 1(7):14,80, 1946.
- INSECTICIDES - STEAM
Bare et al., J. Ec. Ent. 39:612-613, 1946.

- INSECTICIDES - STEAM--Continued.
i Connola et al., N. Y. (C.) B. 841.33-34,37-38,40, 1947.
Steinweden, Cal. Dept. Agr. B. 34:177, 1945.
Thompson, Can. Dairy & Ice Cream J. 25(5).29, 1946.
U. S. War Dept. TB MED 184.5, 1945.
- INSECTICIDES - STEMONA TUBEROSA
b Matthyse, N. Y. (C.) B. 832.39,67, 1946.
- INSECTICIDES - STOCK 1037, see INSECTICIDES - SMEARS - DDT (STOCK 1037)
- INSECTICIDES - STOMACH POISONS
bi Boyd, N. J. Dept. Agr. C. 355 7-8, 1945.
b Hsing, J. Ec. Ent. 40:884-895, 1947.
- INSECTICIDES - STYRENE DIBROMIDE
Howard et al., USDA Misc. Pub. 526 rev.:35, 1945.
- INSECTICIDES - STYRENE DIBROMIDE & OIL
Dunavan, S. C. R. 58 63-64, 1946.
Howard et al., USDA Misc. Pub. 526 rev.:35, 1945.
Kelsheimer, Fla. R. 57 116, 1946?
- INSECTICIDES - STYRENE DIBROMIDE SOLUTION
Dunavan & Hughes, S. C. R. 59 70, 1947.
- INSECTICIDES - SUBSTITUTES
Green, Control de Plagas (Habana) 8 51-52, 1946.
Holdaway, Hawaii Farm & Home 8(5) 20-21, 1945.
Jardine et al., USDA OES R. f. 1944. 50-54, 1945.
Tate, Amer. Potato J. 22 15, 1945.
- INSECTICIDES - SULFUR
Griffiths et al., Fla. St. Hort. Soc. P. 60:83-84, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:35, 1945.
Jardine et al., USDA OES R. f. 1944/45:57, 1946.
i Nishida & Holdaway, Hawaii Farm & Home 8(3).20,31, 1945.
Parker et al., Man. for Cit. Grow. ed. 3:41-42,48-49, 1947.
Parks & King, Ohio Ext. B. 76 rev.: 55-56, 1947.
Persing, Cal. Citrog. 30:144, 1945.
Sleesman & Wilson, Ohio B. 659:116, 1945.
Underhill, Va. TB 101:19-21, 1946.
Vorhies & Wehrle, Ariz. B. 203:40-41, 1946.
Wiltman, Amer. Fruit Grow. 67(8):36, 1947.
- INSECTICIDES - SULFUR, see also INSECTICIDES - BENZENE HEXACHLORIDE & SULFUR; INSECTICIDES - CRYOLITE & SULFUR; INSECTICIDES - DDT & SULFUR; INSECTICIDES - DERRIS & SULFUR; INSECTICIDES - LEAD ARSENATE & SULFUR; INSECTICIDES - OINTMENTS - SULFUR; INSECTICIDES - ROTENONE & SULFUR
- INSECTICIDES - SULFUR - MARKET-ING
Jovin, U. S. Bur. For. & Dom. Com. Indus. Ref. Serv. Pt. 2, 4(57) 1-2, 1946.
- INSECTICIDES - SULFUR - TOXICITY TO ANIMALS
Boucher, Pa. Univ. B. 47(8) (School Vet. Med. Vet. Ext. Quart. 105).36-37, 1947.
- INSECTICIDES - SULFUR & LIME
Chupp & Letby, N. Y. (C.) Ext. B. 206 rev.:70, 1947.
- INSECTICIDES - SULFUR & SELENIUM
Fuller, Flor. Rev. 99(2558):21-42, 1946.
Fuller, South. Flor. 59(38).14,56, 1946.
- INSECTICIDES - SUPPLIES
Anderson, USDA R. Sec. f. 1947.98.
Armitage, Cal. Dept. Agr. B. 33 242-243, 1945. 34.185, 1946.
Bishopp, J. Ec. Ent. 39:457-458, 1946.
Boyd & Bourne, Mass. Ext. Com. Veg. Grow. Dec. 5, 1945:6-7.
Concannon, Drug Vitamin & All. Indus. 31(1).7, 1945.
Concannon, U. S. Bur. Foreign & Dom. Com. Indus. R. Chem. & Allied Prod., Mar. 1946.30-35.
Decker, Ill. St. Hort. Soc. News Let. 8.1, 1946.
Du Mond, Agr. Chem. 1(2).13-15, 1946.
Goldberg, Soap & Sanit. Chem. 21(10): 131, 1945.
Hall, Cranberries 9(10):5,18, 1945.
Hamilton, USDA Bur. Agr. Econ. Agr. Situation 29(5):13, 1945.
Hitchner, Southeast. Cotton Ins. Control Conf. R. P. 1:44-45,58, 1947.
Rodda, Chem. Indus. 56:406-409, 1945.
Turner, South. Flor. 59(5):16, 1946.
Contact Gas Veg. Grow. Assoc. 11(2): 1, 1945.
U. S. Bur. For. & Dom. Com. Indus. R. Chem. & Allied Prod., Feb. 1947: 18-22.
USDA EPQ, USDA Consum. Guide 13 (7):5, 1947.
- INSECTICIDES - SYMPOSIUM
i Sarett et al., Dahlia 16(1):11-15,17-18,20-21, 1947.
- INSECTICIDES - SYNERGISM
Tisdale, Can. Chem. & Process Indus. 29:75, 1945.
- INSECTICIDES - SYNTHETIC
Knippling, Soap & Sanit. Chem. 23(7): 127,129,131, 1947.
Rodda, Chem. Indus. 56:409, 1945.
- INSECTICIDES - SYSTEMIC
Annand, USDA EPQ R. f. 1945/46:10.
i Ball, Can. Flor. 41:367-368, 1946.
Blackaller Valdes, Chapingo No. 17: 25-27, 1947.
Blauvelt, Flor. Exch. 105(17):16, 1945.
Blauvelt, N. Y. (C.) R. 58:122, 1946; 59:122-123, 1947.
Blauvelt et al., Flor. Rev. 96(2489): 25-26, 1945.

INSECTICIDES - SYSTEMIC--Continued.

- Bondy & Rainwater, S. C. R. 58:104-105, 1946.
 Cooper, Can. Flor. 40:393, 1945; 41 208-209, 1946.
 English, South. Flor. 59(46):53-54, 1947.
 Farrar, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:54, 1946.
 Fuller, Flor. Rev. 99(2558):41-42, 1946.
 Fuller, South. Flor. 59(38):14, 56, 1946.
 bi Fuller, Chemurg. Digest 6:113, 115-117, 1947.
 Hancock, Gard. Gossip 22(3):19, 1947.
 Howland, South. Flor. 58(21):5-6, 1945.
 Kiplinger, Ohio Flor. Assoc. Month. B. 198:1-2, 1946.
 bi Kiplinger & Fuller, Amer. Soc. Hort. Sci. 47:451-462, 1946.
 Martin, N. J. R. 66:59-60, 1946.
 Milne, South. Flor. 60(25):54-55, 1947.
 Norton, N. Y. (C.) R. 58:122, 1946.
 Pyenson, Home Gard. (N. Y.) 8(6):25, 1946.
 Questel & Connin, J. Ec. Ent. 40:914-915, 1947.
 b Roark, J. Ec. Ent. 39:35-38, 1946.
 Robertson, B. C. Dept. Agr. R. 41: W74, 1947.
 b Turner, Conn. B. 488:353-356, 1945.
 White, Mass. B. 436:45, 1946.
 White & Whitcomb, Amer. Soc. Hort. Sci. P. 47:503-506, 1946.
 b White et al., Assoc. Off. Agr. Chem. J. 29:349-358, 1946.
 b Wolfenbarger & Heuberger, J. Ec. Ent. 38:675-678, 1945.
 Ohio Flor. Assoc. Month. B. 210:1-2, 1947.
 INSECTICIDES - TDE, see INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE
 INSECTICIDES - TEPP, see INSECTICIDES - TETRAETHYL PYROPHOSPHATE
 INSECTICIDES - TANNERY SLUDGE
 b Walker, Pests 15(11):20, 1947.
 INSECTICIDES - TARTAR EMETIC
 Howard et al., USDA Misc. Pub. 526 rev.:36, 1945.
 Persing, Cal. Citrog. 30:144, 1945.
 INSECTICIDES - TARTAR EMETIC, see also INSECTICIDES - DDT vs. TARTAR EMETIC
 INSECTICIDES - TARTAR EMETIC - SUBLETHAL DOSAGES
 Plummer & Baker, J. Ec. Ent. 39:775-780, 1946.
 INSECTICIDES - 1080, see INSECTICIDES - SODIUM FLUOROACETATE
 INSECTICIDES - TESTS
 Annand, USDA EPQ R. f. 1945/46:13-14.
 Annand, Agr. Chem. 1(5):18, 65, 1946.
 b Apple & Arnold, Amer. Potato J. 22:339-343, 1945.
 b Blanchard & Satterthwait, USDA EPQ E-664, 7 p.; E-665, 7 p., 1945.

INSECTICIDES - TESTS--Continued.

- Bottinger, Cal. Fruit & Veg. Rev. 6(9):116, 1945.
 Campbell & Filmer, Hints to Potato Grow. 26(10):1-4, 1946.
 b Carlson et al., J. Ec. Ent. 40:59-64, 1947.
 Douglass et al., Ida. B. 269:31-32, 1947.
 Gardiner, Can. Min. Agr. R. f. 1945/46:181; f. 1946/47:209-210.
 Haseman, Mo. B. 491:20, 1945.
 i Kraus, Chemistry 20(9):43-44, 1947.
 Lange & Smith, J. Ec. Ent. 40:496-499, 1947.
 Lininger et al., Pa. B. 475:38, 1945; 480:56-57, 1946.
 McLeod, J. Ec. Ent. 39:631-637, 1946.
 bi Mundinger, J. Ec. Ent. 39:301-305, 1946.
 O'Kane et al., N. H. B. 354:35, 1944.
 Pepper, J. Ec. Ent. 40:278, 1947.
 bi Riedl & Harrison, Wyo. B. 271:8-26, 1945.
 Slate, Conn. B. 484:60-61, 1945.
 b Thomas, J. Ec. Ent. 38:678-682, 1945.
 Tenhet, J. Ec. Ent. 38:449-451, 1945.
 Wilson & Slesman, Ohio Bimo. B. 30 (232):27-30, 1945.
 INSECTICIDES - TESTS - FILING & ROUTING SAMPLES
 Oberg et al., USDA EPQ ET-233, 4 p., 1946.
 INSECTICIDES - TESTS, LABORATORY
 Annand, USDA EPQ R. f. 1946/47:18-19.
 b Gertler, USDA EPQ E-732, 12 p., 1947.
 b Gould, Soap & Sanit. Chem. 21:113-115, 121, 1945.
 Hall, Sci. Digest 17(3):45-47, 1945.
 Hazard, Soap & Sanit. Chem. 21(6):126-127, 1945.
 bi Knippling et al., USDA EPQ E-733, 235 p., 1947.
 Nelson, Soap & Sanit. Chem. 21(6):124-125, 1945.
 i Patton, N. Y. (G.) Farm Res. 12(1):2-3; Chemurgic Digest 5:76-77, 1946.
 Stahl et al., USDA EPQ E-639, 17 p., 1945.
 b Swingle et al., USDA EPQ E-634, 23 p., 1945.
 i Soap & Sanit. Chem. 21(8):114-115, 1945.
 INSECTICIDES - TETRACHLORODIPHENYLETHANE, see INSECTICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE
 INSECTICIDES - TETRAETHYL PYROPHOSPHATE
 Annand, USDA EPQ R. f. 1946/47:5.
 b Harris, Agr. Chem. 2(10):27-29, 65-66, 1947.
 Ludvik, Sci. Illus. 2(5):112, 1947.
 Metcalf, Cal. Agr. 1(10):2, 1947.
 INSECTICIDES - TETRAETHYL PYROPHOSPHATE - CHEMISTRY
 Annand, USDA EPQ R. f. 1946/47:3.

- INSECTICIDES - TETRAETHYL PYROPHOSPHATE - EFFECT ON
GANGLIA
b Koppanyi et al., Science 106:492-493, 1947.
- INSECTICIDES - TETRAETHYL PYROPHOSPHATE - EFFECT ON
PLANTS
bi Zimmerman & Hartzell, Boyce Thompson Inst. Contrib. 15:11-15, 1947.
- INSECTICIDES - TETRAETHYL PYROPHOSPHATE - TOXICITY TO INSECTS
Zimmerman & Hartzell, Boyce Thompson Inst. Contrib. 15:16-19, 1947.
- INSECTICIDES - TETRAETHYL PYROPHOSPHATE (VAPOTONE)
Morrison et al., Oreg. C. Inform. 393: 5, 1946.
- INSECTICIDES - TETRAPHOSPHORIC ACID, HEXAETHYL ESTER, see
INSECTICIDES - HEXAETHYL
TETRAPHOSPHATE
- INSECTICIDES - THALLIUM - TOXICITY
Anderson, Cal. Mosq. Control Assoc. P. 14:41, 1946.
- INSECTICIDES - THALLIUM - TOXICITY TO ANIMALS
Mark, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107) 71-73, 1947.
- INSECTICIDES - THALLIUM SULFATE JELLY
Schmitt, Pests 15(10):50,52, 1947.
- INSECTICIDES - THANICIDE
Compton, Flor. Rev. 97(2520):37, 1946.
- INSECTICIDES - THANITE, see INSECTICIDES - ISOBORNYL THIOCYANOACETATE
- INSECTICIDES - THIOCYANATES
Mail, Chem. Indus. 60:219, 1947.
Tate, Neb. St. Bd. Agr. R. f. 1945:433-434.
Tate, Amer. Assoc. Cereal Chem. Trans. 4:42, 1946.
- INSECTICIDES - THIOCYANATES, see also INSECTICIDES - ISOBORNYL THIOCYANOACETATE; INSECTICIDES - LAURYL THIOCYANATE; INSECTICIDES - LETHANE
- INSECTICIDES - THIOCYANATES, ORGANIC
Witman, Amer. Fruit Grow. 67(8):30, 1947.
- INSECTICIDES - THIOUREA - TOXICITY TO INSECTS
Goldsmith, Science 103:650-651, 1946.
Goldsmith & Harnley, Sci. News Let. 49:389, 1946.
b Goldsmith & Harnley, Science 103: 649-651, 1946.
- INSECTICIDES - TIMING
Apple, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:28-29, 1947.
Friend, Plants & Gard. 1:113-115, 1945.
Huckett, N. Y. (G.) B. 713:19-22, 29, 1945.
McKelvey et al., J. Ec. Ent. 40:478-479, 1947.
- INSECTICIDES - TIMING--Continued.
Pyenson, Home Gard. (N. Y.) 8(6):25, 1946.
- INSECTICIDES - TOXAPHENE
Creighton, Fla. St. Hort. Soc. P. 60. 214, 1947.
Creighton, Natl. Shade Tree Conf. P. 23:112-113, 1947.
Dent, Farmaceutico 23(1):144, 1947.
Dugas & Conciene, Assoc. South. Agr. Workers P. 44:123, 1947. (Abs.)
Eddy & Bushland, U. S. Navy BUMED News Let. 9(2):7-8, 1947.
Harned, USDA YB f. 1943/47:658.
Hinman & Cowan, USDA EPQ E-722 16-21, 1947.
Jefferson, Natl. Shade Tree Conf. P. 23:382-383, 1947.
Knippling, USDA YB f. 1943/47:642.
b Knippling, Pests 15(2):12,14, 1947.
Knippling, Soap & Sanit. Chem. 23(7) 131, 1947.
McDaniel, Gladiolus Mag. 11(3).15, 1947.
Metcalf, Cal. Agr. 1(10).2, 1947.
Moore, Cotton & Cotton Oil Press 48 (3).18, 1947.
Severin, S. Dak. R. 60:15-17, 1947.
Smith, Control de Plagas 9:104, 1947.
Stearns et al., Del. B. 283 27, 1947.
Stetson, Food Packer 28(5):74, 1947.
b Twinn, Sci. Agr. 27:100, 1947.
Woodbury, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:42, 1947.
Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540:15, 1947.
U. S. Pub. Health Serv., Pan Amer. Union B. Ofic. Sanit. 26:775, 1947.
- INSECTICIDES - TOXAPHENE, see also
INSECTICIDES - CAMPHENE,
CHLORINATED
- INSECTICIDES - TOXAPHENE - TESTS
Bishopp, Agr. Chem. 1(6):22, 1946.
b Gaines, J. Ec. Ent. 40:896-899, 1947.
List & Hoerner, J. Ec. Ent. 40:138, 1947.
Metcalf, J. Ec. Ent. 40:522-523,525, 1947.
bi Parker & Beacher, Del. B. 264, 27 p., 1947.
b Stearns et al., J. Ec. Ent. 40:79-83, 1947.
Telford, J. Ec. Ent. 40:928-930, 1947.
Weinman & Decker, J. Ec. Ent. 40:84-90, 1947.
- INSECTICIDES - TOXAPHENE - TOXICITY
Parker & Beacher, Del. B. 264:24-26, 1947.
- INSECTICIDES - TOXAPHENE - TOXICITY TO GOLDFISH
Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.
- INSECTICIDES - TOXICITY
* Calvery, in USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:68-70, 1946.
Hull, Lab. Digest 9(8):3, 1946.
Munch, Pests 13(7):7-8,10, 1945.
- INSECTICIDES - TOXICITY - FACTORS
Graham, B. C. Lumberm. 29(4):122, 1945.

- INSECTICIDES - TOXICITY - TESTS**
Gersdorff & McGovran, Soap & Sanitt. Chem. 21(11):117,121, 1945.
Hamblin, Agr. Chem. 1(6):28-31, 1946
- INSECTICIDES - TOXICITY TO ANIMALS**
Hinman & Cowan, USDA EPQ E-722: 19, 1947.
- INSECTICIDES - TOXICITY TO INSECTS**
Annand, USDA EPQ R. f. 1945/46:16.
Campbell, Sci. Month. 63:153-156, 1946.
Drake, Iowa R. f. 1945/46 pt. 1:227.
Munson & Yeager, J. Ec. Ent. 38:618, 1945.
Patton et al., N. Y. (C.) R. 59:123-124, 1947.
bi Richards & Cutkomp, N. Y. Ent. Soc. J. 53:313-355, 1945.
Richardson, Iowa R. f. 1945/46 pt. 1 225-226.
Reid, S. C. R. 57:131, 1945.
- INSECTICIDES - TOXICITY TO INSECTS - BEES**
Annand, USDA EPQ R. f. 1943/44:19-20.
Eide, Wash. St. Hort. Assoc. P. 42: 195-196, 1946.
- INSECTICIDES - TRADE NAMES**
Meister, Amer. Fruit Grow. 67(8):18, 1947.
Amer. Assoc. Ec. Ent. East. Branch, Entoma ed. 6:278-312, 1945; ed. 7: 360-405, 1947.
- INSECTICIDES - TRADE NAMES, see also INSECTICIDES. - DDT - TRADE NAMES**
- INSECTICIDES - 1,1,1-TRICHLORO-2,2-BIS(p-BROMOPHENYL) ETHANE, see INSECTICIDES - 2,2-BIS(p-BROMOPHENYL)-1,1,1-TRICHLOROETHANE**
- INSECTICIDES - 1,1,1-TRICHLORO-2,2-BIS(p-CHLOROPHENYL) ETHANE, see INSECTICIDES - DDT**
- INSECTICIDES - 1,1,1-TRICHLORO-2,2-BIS(p-FLUOROPHENYL) ETHANE, see INSECTICIDES - DIFLUORODIPHENYL-TRICHLOROETHANE**
- INSECTICIDES - 1,1,1-TRICHLORO-2,2-BIS(p-METHOXYPHENOL) ETHANE, see INSECTICIDES - METHOXYCHLOR**
- INSECTICIDES - 1,1,1-TRICHLORO-2,2-BIS(p-TERT-BUTYLPHENYL) ETHANE, see INSECTICIDES - 2,2-BIS(p-TERT-BUTYLPHENYL)-1,1,1-TRICHLOROETHANE**
- INSECTICIDES - TRICHLOROBENZENE MIXTURES**
Berger, Ill. Nat. Hist. Surv. C. 41:22-24, 1947.
- INSECTICIDES - TRITON X-300 - TESTS**
Annand, USDA EPQ R. f. 1945/46:14.
- INSECTICIDES - TURPENTINE & GASOLINE**
Stiles, Okla. Ext. C. 223 rev.:10-11, 1946?
- INSECTICIDES - TURPENTINE & KEROSENE**
Stiles, Okla. Ext. C. 223 rev.:10-11, 1946?
- INSECTICIDES - 2-ISO-VALERYL-1,3-INDANDIONE**
Eddy & Bushland, U. S. Navy BUMED News Let. 9(2):7-8, 1947.
- INSECTICIDES - VALONE, see INSECTICIDES - 2-ISO-VALERYL-1,3-INDANDIONE**
- INSECTICIDES - VAPOTONE, see INSECTICIDES - TETRAETHYL PYROPHOSPHATE (VAPOTONE)**
- INSECTICIDES - VEGETABLE OIL, see INSECTICIDES - OILS (VEGETABLE)**
- INSECTICIDES - VEL-TOX, see INSECTICIDES - CHLORDANE (VELSICOL 1068)**
- INSECTICIDES - VELSICOL 1068, see INSECTICIDES - CHLORDANE (VELSICOL 1068)**
- INSECTICIDES - XANTHONE**
McDaniel, Gladiolus Mag. 11(3) 15, 1947.
- INSECTICIDES - XANTHONE - TOXICITY TO INSECTS - BEES**
Eide, J. Ec. Ent. 40:51,53-54, 1947.
- INSECTICIDES - ZINC ARSENITE**
Howard et al., USDA-Misc. Pub. 526 rev.:38, 1945.
- INSECTICIDES - ZINC NICOTINYL FLUOSILICATE**
Annand, USDA EPQ R. f. 1946/47:6.
- INSECTICIDES - ZINC PHOSPHIDE - HAZARDS & SAFEGUARDS**
b Oettingen v., U. S. Pub. Health Rpts. Sup. 203:5-6, 1947.
- INSECTICIDES & DERMATITIS**
Libmann, Mil. Surg. 99:118-120,122, 125, 1946.
- INSECTICIDES & DERMATITIS - DDT**
b Dunn et al., U. S. Pub. Health Rpts. 61:1614-1620, 1946.
bi Leider, J. Invest. Dermat. 8:125-126, 1947.
i Nieldelman, Occup. Med. 1:391-395, 1946.
Stryker & Godfroy, Mo. Med. Assoc. J. 43:384-386, 1946.
- INSECTICIDES & TEMPERATURE, see TEMPERATURE & INSECTICIDES**
- INSECTICIDES & WAR**
Annand, Cal. Dept. Agr. Sp. Pub. 209. 34, 1945.
Bush, U. S. Off. Sci. Res. & Develop. Science...Rpt. to Pres.:46-47, 1945.
b Haller, Indus. & Engin. Chem. Indus. Ed. 39:467-473, 1947.
b Phillips, Fed. P. 5:292-295,297, 1946.
- INSECTIVOROUS PLANTS**
i Free, Home Gard. (N. Y.) 8(4):19-23, 1946.
i Hill, in O'Donnell, A Gard. for You: 118-119, 1946.
i Platt, Sci. Illus. 1(5):54-55, 1946.
i Strausbaugh & Welmer, Gen. Biol. ed. 2:86-88, 1947.
i Weatherwax, Plant Biol. ed. 2:129-132, 1947.
i Wise & Co., Wonders of Nature:120-121,163,183, 1945.

INSECTIVOROUS PLANTS - ARISTOLO- CHIA

i Walker, Nature Mag. 39:76-77, 1946.

INSECTIVOROUS PLANTS - CARRION FLOWER

i Kespohl, Nature Mag. 38:206, 1945.

INSECTIVOROUS PLANTS - PITCHER PLANT

Milne & Milne, A Multitude of Living
Things:204-209, 1947.

INSECTPROOFING

Bennett, Chem. Formulary v. 7.402,
1945.

Donohoe, Pests 13(1).11, 1945.

Granett & Haynes, N. J. Mosq. Exterm.
Assoc. P. 32:82-87, 1945.

Hall, Amer. Dyestuff Rptr. 34.385-386,
1945.

Michelbacher, Pests 13(5) 18, 1945.

Morrison, Macdonald Col. J. 6(7) 24-
25, 1946.

Stilson, Amer. Waterworks Assoc. J.
38:629, 1946.

i USDA EPQ Orlando, Fla., Lab.,

USDA Misc. Pub. 606.47-68, 1946.

INSECTPROOFING, see also FLYPROOF- ING, LOUSEPROOFING, MOS- QUITOPROOFING

INSECTPROOFING - CLOTHING

Annand, USDA EPQ R. f. 1944/45 18-
19. f. 1946/47.18.

b Bushland, Amer. J. Hyg. 43.221-247,
1946.

bi Jones et al., J. Ec. Ent. 38 217-223,
1945.

Linduska et al., J. Ec. Ent. 39.767-
769, 1946.

Philip & Woodward, J. Parasit. 32.
512, 1946.

Simmons, Adv. Int. Med. 2:234-237,
240-241,258-259, 1947.

Snyder & Morton, Soap & Sanit. Chem.
22(11).133,135, 1946.

Snyder & Morton, J. Ec. Ent. 39:385-
387, 1946, 40:586-587, 1947.

i Snyder et al., USDA EPQ E-733:9-10,
17-18,20-235, 1947.

i Pennsylvania Salt Mfg. Co., Chem.
Indus. 60:244, 1947.

INSECTPROOFING - CORN CRIBS - ASPHALT-SATURATED FELT

Jardine et al., USDA OES R. f.
1944/45.51, 1946.

INSECTPROOFING - COTTON

i St. George & Furry, Amer. Dyestuff
Rptr. 35:207-210, 1946.

INSECTPROOFING - FABRICS -

Annand, USDA EPQ R. f. 1943/44:8,
21; f. 1944/45.22.

b Goldenson & Sass, Anal. Chem. 19:
320-324, 1947.

Lindquist et al., J. Ec. Ent. 38:259-
260, 1945.

Mitchell, Textile World 96(11):170,
221-222, 1946.

i Morton et al., USDA EPQ E-733:11,
18-235, 1947.

Shepard, Pests 14(11):22, 1946.

bi Sweetman et al., Soap & Sanit.
Chem. 21(3):104-107,127,129,131,
1945.

INSECTPROOFING - FABRICS--Contin- ued.

i Whitemarsh Res. Lab., Philadelphia,
Chem. & Engin. News 25:384-385,
1947.

A. S. T. M. Stds. f. 1946 Pt. 3-A:1088-
1091, 1947.

INSECTPROOFING - FABRICS - DDT

Eddy & Carson, J. Ec. Ent. 39:761-
762, 1946.

i Smith, Soap & Sanit. Chem. 23(5):
122-125, 1947.

INSECTPROOFING - MILLS

Peters, Northw. Mill. Mill. Prod.
Sect. 231(11):3a,6a,10a, 1947.

INSECTPROOFING - MOHAIR FLEECE - DDT

Annand, USDA EPQ R. f. 1945/46:9-
10.

Back, J. Ec. Ent. 39.721-725, 1946.

INSECTPROOFING - PACKAGING MA- TERIALS

Anderson & Hofmaster, Va. Acad. Sci.
P. 25:61-62, 1947. (Abs.)

Annand, USDA EPQ R. f. 1944/45 13,
21-22.

Cooper, Ky. R. 59.37, 1947.

Cotton et al., USDA C. 720:72, 1945.

Cotton et al., USDA EPQ E-641.6-7,
1945.

Essig, Mod. Packaging 18(11) 135-136,
1945.

Michelbacher, Assoc. Oper. Mill. B.,
Feb. 1947:1579-1580.

i Michelbacher, Mod. Packaging 20(5):
145,170,172, 1947.

i Slepicka, Amer. Mill. 73(4) 42,49,
92, 1945.

Stuckey, Ga. R. 59.89-92, 1947.

Verdcourt, Mod. Packaging 21(3).150-
153, 1947.

INSECTPROOFING - PAPER

bi Sweetman et al., Soap & Sanit.
Chem. 21(3).104-107,127,129,131,
1945.

INSECTPROOFING - PIANO KEY FELTS

Bennett, Chem. Formulary v. 7 402,
1945.

INSECTPROOFING - TEXTILES, see INSECTPROOFING - FABRICS

INSECTPROOFING - WOOL

Annand, USDA EPQ R. f. 1945/46:9.

Von Bergen et al., Mothproofing of
Woolen Materials in Europe,28 p.,
1946.

INSECTPROOFING COMPOUNDS

Annand, USDA EPQ R. f. 1945/46:14.

Back, USDA Leaf. 145 rev.4-5, 1947.

Bennett, Pract. Emulsions ed. 2 532-
533, 1947.

Luttringhaus, Can. Textile J. 64(26):
46, 1947.

i Mail, Chem. Indus. 60:790-792, 1947.

b Molnar, Soap & Sanit. Chem. 23(7):
143,145,147,149, 1947.

Snyder & Morton, J. Ec. Ent. 39:385-
387, 1946.

Verdcourt, Mod. Packaging 21(3):151-
152, 1947.

Von Bergen, Mothproofing of Woolen
Materials in Europe:2-3, 1946.

- INSECTPROOFING COMPOUNDS - BEN-ZENE HEXACHLORIDE**
b Goldman & Sass, Anal. Chem. 19: 320-322, 1947.
- INSECTPROOFING COMPOUNDS - BEN-ZYL BENZOATE**
Bushland, Amer. J. Hyg. 43:232-233, 235-247, 1946.
- INSECTPROOFING COMPOUNDS - BEN-ZYL BENZOATE & DIBUTYL PHTHALATE**
Snyder & Morton, J. Ec. Ent. 40:586-587, 1947.
- INSECTPROOFING COMPOUNDS - CHLORDANE**
Donohoe, Pests 15(10):38, 1947.
- INSECTPROOFING COMPOUNDS - DDT**
Anderson & Hofmaster, Va. Acad. Sci. P. 25:61-62, 1947. (Abs.)
Annand, USDA EPQ R. f. 1945/46:9-10
Bishopp, Amer. J. Pub. Health 36:604, 1946.
Cotton et al., USDA EPQ E-641:5-7, 1945.
Donohoe, Pests 15(10):38, 1947.
McCaughy, Woman's Day 10(8):123, 1947.
Packard, USDA EPQ E-640:8, 1945.
i Pennsylvania Salt Mfg. Co., Chem. Indus. 60:244, 1947.
i Smith, Soap & Sanit. Chem. 23(5): 122-125, 1947.
Stuckey, Ga. R. 59:89-81, 1947.
Verdcourt, Mod. Packaging 21(3):151-152, 1947.
i Whitmarsh Res. Lab., Philadelphia, Chem. & Engin News 25:384-385, 1947.
- INSECTPROOFING COMPOUNDS - DIBUTYL PHTHALATE**
Bushland, Amer. J. Hyg. 43:232-233, 235-247, 1946.
- INSECTPROOFING COMPOUNDS - DIBUTYL PHTHALATE, see also INSECTPROOFING COMPOUNDS - BENZYL BENZOATE & DIBUTYL PHTHALATE**
- INSECTPROOFING COMPOUNDS - DIMETHYL PHTHALATE**
Annand, USDA EPQ R. f. 1944/45:18.
Bushland, Amer. J. Hyg. 43:232,235, 247, 1946.
- INSECTPROOFING COMPOUNDS - DIMETHYL PHTHALATE--Continued.**
U. S. Navy BUMED News Let. 7(7):16, 1946.
- INSECTPROOFING COMPOUNDS - DIMETHYL PHTHALATE EMULSION**
b Bushland, Amer. J. Hyg. 43:221-229, 1946.
- INSECTPROOFING COMPOUNDS - DIPHENYLAMINE**
Bushland, Amer. J. Hyg. 43:232,235-237,245,247, 1946.
- INSECTPROOFING COMPOUNDS - DIPHENYLENE OXIDE**
Bushland, Amer. J. Hyg. 43:232,235, 237,245,247, 1946.
- INSECTPROOFING COMPOUNDS - EMULSIFIERS**
Fluno et al., J. Ec. Ent. 39:810-811, 1946.
- INSECTPROOFING COMPOUNDS - EULAN**
Crossley, in von Bergen, Mothproofing of Woolen Materials in Europe: 4-8, 1946.
- INSECTPROOFING COMPOUNDS - EULAN CN**
Annand, USDA EPQ R. f. 1943/44:21.
Luttringhaus, Rayon Textile Month. 26:349-350, 1945.
- INSECTPROOFING COMPOUNDS - HEXACHLOROETHANE MIXTURES**
b Molnar, Soap & Sanit. Chem. 23(7): 143,145,147,149, 1947.
- INSECTPROOFING COMPOUNDS - MITIN SS CONCENTRATE**
Annand, USDA EPQ R. f. 1943/44:21.
- INSECTPROOFING COMPOUNDS - SODIUM CHLORIDE & FORMAL-DEHYDE & HYDROCHLORIC ACID**
Hall, Amer. Dyestuff Rptr. 34:385, 1945.
- INSECTPROOFING COMPOUNDS - SODIUM FLUOSILICATE**
Annand, USDA EPQ R. f. 1943/44:21.
- INSECTPROOFING COMPOUNDS - 1,2,3,4-TETRAHYDRO-2-NAPHTHOL**
b Goldenson & Sass, Anal. Chem. 19: 322-324, 1947.

INSECTS

- i Beebe, Anim. Kingdom 50:25-27, 1947.
- i Curtis & Guthrie, Textb. Gen. Zool. ed. 4:173-189, 482-534, 1947.
- bi De Laubenfels, Life Sci.:210-211, 218-229, 1946.
- i Donisthorpe, In Boulenger et al., Wild Life the World Over 465-495, 1947.
- i Headstrom, Organ. Gard. 8(2):51-53, 1945.
- bik Jaques, How to Know the Ins. ed. 2, 205 p., 1947.
- i Kieran, Footnotes on Nature:188-212, 215-216, 218-220, 275-276, 1947.
- bi Mavor, Gen. Biol. ed. 3:77-78, 313-314, 441-442, 454-490, 822-823, 1947.
- i Milne & Milne, Nature Mag. 40:349-351, 1947.
- bi Moon et al., Mod. Biol. 76-77, 85, 267, 278, 288-325, 460, 595, 652-653, 1947.
- bi Partridge, Nat. Sci. Through the Seasons:45-51, 125-129, 162-164, 1947.
- i Potter, Textb. of Zool. ed. 2 300-359, 704-705, 729-733, 738, 744, 1947.
- Sansom, Atlantic Month. 179(6):79-82, 1947.
- i Strausbaugh & Welmer, Gen. Biol. ed. 2 86-88, 153, 200, 222-224, 234, 256-269, 284-285, 298-299, 325, 327-337, 340, 381-383, 435-463, 609-619, 653, 655, 1947.
- i Winchester, Zoology 182-229, 1947.
- i Wolcott, Anim. Biol. ed. 3 315-347, 1946.
- INSECTS - ABNORMALITIES
- i Bonet, Mex. Esc. Nac. Cien. Biol. An 4:413-418, 1947.
- i Dexter, Turtox News 25:145, 1947.
- Rings, J. Ec. Ent. 39:415, 1946.
- i Robinson, Ent. News 58:259, 1947.
- i Weber, Ent. Soc. Amer. Ann. 39:9-10, 1946.
- bi Whiting, Biol. Bul. 91:243-246, 1946.
- INSECTS - ABNORMALITIES, see also GYNANDROMORPHS
- INSECTS - ACTIVITY FACTORS
- Wellington, Can. Ent. 77:135-136, 1945.
- INSECTS - ALEUTIAN ISLANDS
- Clark, Smithsn. Inst. War Background Studies 21:60-61, 1945.
- INSECTS - ANATOMY
- i Strickland, Ent. Soc. Amer. Ann. 39:28-32, 1946.
- INSECTS - ANESTHESIA
- Finney et al, Hilgardia 17:465-467, 1947.
- Merrill et al., J. Cell. & Compar. Physiol. 28:467-468, 470-471, 474-475, 1946.
- Proverbs & Morrison, Can. J. Res. D 25:13-14, 16-17, 35, 1947.
- i Williams, Science 103:57, 1946.
- Williams, Sci. News Let. 49:56, 1946.
- INSECTS - ANESTHESIA, see also APIS MELLIFERA - COLONY MANAGEMENT - QUIETING BEES

INSECTS - AQUATIC, see AQUATIC INSECTS

INSECTS - AUDUBON PICTURES

- i Teale, Audubon Mag. 49:322-331, 1947.

INSECTS - BACTERIA

- Richards, Ent. News 56:107-108, 1945.
- bi Steinhaus, Ins. Microbiol.:9-187, 449-450, 1946.

INSECTS - BACTERIA, see also DISEASES OF INSECTS - BACTERIAL

INSECTS - BENEFICIAL

- Bishopp, Pest Control & Sanit. 1(5): 16, 1946.
- Palmer, Green Thumb 2(3):16-18, 1945

INSECTS - BENEFICIAL - EFFECT OF DDT

- Baker & Porter, USDA EPQ E-637:7, 1945.
- Eckert, Cal. Mosq. Control Assoc. P. 14:25-27, 1947.
- i Schwarz, Audubon Mag. 47:90-100, 1945.
- i Teale, Nature Mag. 38:120-124, 162, 1945.

INSECTS - BENEFICIAL - EFFECT OF LIGHT TRAPS

- Hermes, Hilgardia 17:371, 1947.

INSECTS - BIKINI

- Thone, Sci. News Let. 50:3, 1946.

INSECTS - BIOLOGY

- i Beaver, Gen. Biol. ed. 3:120-131, 157-159, 176-180, 197-200, 212-213, 225-227, 237, 254-257, 279-280, 378-410, 1946.
- i Parker & Clarke, Introd. to Anim. Biol. ed. 2:229-286, 1945.

INSECTS - BITES & STINGS

- DeBoth, Mod. Household Encyclop. 20, 21, 62, 160, 199, 330, 1946.
- Hiscox, Henley's Twentieth Cent. Book of Formulas:417-418, 1946.
- b Lubowe, Mil. Surg. 97:231-232, 1945.
- i Stahnke & Roney, Ariz. Ext. C. 132: 8-12, 1947.
- bi Thorp & Woodson, Black Widow America's Most Poisonous Spider, 222 p., 1945.

INSECTS - BLOOD

- i Jackson, Turtox News 23:12-14, 1945.
- Patton, N. Y. (G.) Farm Res. 13(2):3, 1947.
- b Rapp, N. Y. Ent. Soc. J. 55:295-308, 1947.

INSECTS - BLOOD & TOXICOLOGY

- Patton et al., N. Y. (C.) R. 59:123-124, 1947.

INSECTS - BODY TEMPERATURE

- Pepper & Hastings, Sci. News Let. 50: 295, 1946.

INSECTS - BOUND WATER - EFFECT ON COLD HARDINESS

- bi Siegler, J. Agr. Res. 72:329-340, 1946.

INSECTS - CAGES

- i Baker et al., Wash. B. 497:33-34, 1947.
- i Cagle & Jackson, Va. TB 107:3-4, 1947.

INSECTS - CAGES--Continued.

- i Carlson, Amer. Soc. Agron. J. 38: 505-506, 1946.
- i Connell & Beacher, Del. B. 265:7, 1947.
- Davis & Landis, J. Ec. Ent. 40:821, 824, 1947.
- Duncan, Quebec Soc. Protect. Plants R. 30:82, 1947.
- i Dustan & Putman, Can. Ent. 79:218, 1947.
- i Figy, Mich. St. Dept. Agr. Bien. R. 11:95, 1945, 12:117, 1947.
- Hill, Neb. Res. B. 143:7-9, 1946.
- McGregor & Vorhies, Ariz. B. 207:4-5, 1947.
- Parman, J. Ec. Ent. 38:67-68, 1945.
- Peterson, Man. of Ent. Equip. & Methods ed. 5, Pt. 1-2:10-20, 1947.
- Pfadt, J. Ec. Ent. 40:295, 1947.
- i Ritcher, Ky. B. 502:13, 1947.
- Sorenson, Mirid-bug Injury as a Factor in Declining Alfalfa-seed Yields: 12, 1946.
- i Sorenson & Carlson, Amer. Soc. Agron. J. 38:496, 1946.
- INSECTS - CAGES, see also LABORATORY APPARATUS - CAGES; MOSQUITOES - CAGES
- INSECTS - CAGES, EMERGENCE
 - i Boyer, Mich. Dept. Agr. Bien. R. 11: 94-95, 1945.
 - i Fife et al., J. Ec. Ent. 40:540, 1947.
 - i Getzendaner & Davis, USDA EPQ ET-242, 3 p., 1947.
- INSECTS - CAGES, HIBERNATION
 - i Shiller, USDA EPQ ET-226, 6 p., 1945.
- INSECTS - CAGES, OBSERVATION
 - i Carlson, Outdoors Indoors:33-34, 1945.
- INSECTS - CAGES, OBSERVATION, see also ANTS - NESTS, OBSERVATION; TERMITES - OBSERVATION COLONIES
- INSECTS - CAGES, OVIPOSITION
 - i Madden & Chamberlin, USDA TB 896:15-16, 1945.
- INSECTS - CAGES, PLASTIC SCREEN CLOTH
 - Post & Colberg, Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2:4-6, 1947.
 - i Post & Colberg, N. Dak. Bimo. B. 9:111-112, 1947.
- INSECTS - CAGES, REARING
 - bi Coppel & House, Can. Ent. 79:74-80, 1947.
 - Fronk, Va. TB 108:4, 1947.
- INSECTS - CAGES, SAMPLING
 - i Smith & Stewart, Ent. Soc. Ont. R. 76:32-35, 1946.
- INSECTS - CAGES, SHIPPING, see INSECTS - SHIPPING - PACKING EQUIPMENT
- INSECTS - CAMOUFLAGE
 - i Brues, Sci. Month. 64:124-125, 1947.
 - i Curran, Nat. Hist. 54:360-363, 1945.
- INSECTS - CAMOUFLAGE, see also COLOR OF INSECTS, PROTECTIVE

INSECTS - CANADA

- Dutilly, Can. Field Nat. 60:35-44, 1946.
- INSECTS - CANNIBALISM
 - Krall & Decker, Iowa St. Col. J. Sci. 20:393, 1946.
- INSECTS - COLLECTION & PRESERVATION
 - bik Addis, Amer. Micros. Soc. Trans. 64:328-332, 1945.
 - Beamer, Kans. Ent. Soc. J. 19:127-129, 1946.
 - Beatty, Ent. News 57:1-10, 1946.
 - Brower, Lepidopterists' News 1:19-20, 1947.
 - Carpenter, Natl. Malar. Soc. J. 4 115-117, 1945.
 - i Carpenter, Amer. Mid. Nat. Monog. 3:11-13, 1946.
 - i Curran, Ins. of the Pacific World: 308-311, 1945.
 - b Dietrich, N. Y. (C.) Mem. 269:4-5, 1945.
 - Dietrich, Coleopterists' Bul. 1:9, 1947.
 - i Fletcher, Pop. Mech. Mag. 86(3): 130-134, 1946.
 - i Fletcher, Ward's Nat. Sci. B. 19 67-69, 1946.
 - i Gates, Outdoor Neb. 22(4):14-16, 1945.
 - Hanford, Sci. Agr. 26:151-152, 1946.
 - i Harper, Ohio Conserv. B. 11(7):23, 1947.
 - Hubbard, Fleas of West. N. Amer.:28-37, 1947.
 - James, USDA Misc. Pub. 631 28-30, 1947.
 - i Jaques, How to Know Insects:8-32, 1945. (Repr.)
 - i Kartman, J. Parasit. 32:32-33, 1946.
 - Keifer, J. Ec. Ent. 39:665-666, 1946.
 - Krause, Ent. Soc. Amer. Ann. 40: 173-175, 1947.
 - Levi-Castello, J. Ec. Ent. 38:385-386, 1945.
 - MacLean, Nature Mag. 39:321-323, 1946.
 - i Michener, Amer. J. Trop. Med. 26: 251-256, 1946.
 - Needham, Ent. News 56:141-143, 1945.
 - Newman, Ent. News 56(1):7-9, 1945.
 - Nye, Pan-Pac. Ent. 23:73-74, 1947.
 - i Oman & Cushman, USDA Misc. Pub. 601, 42 p., 1946.
 - Osorio, Control de Plagas 8:90-91, 1946.
 - i Pettit, Book of Nature Hobbies:108-122, 1947.
 - Post, Ent. Soc. Manitoba P. 3:27, 1947. (Abs.)
 - i Post, N. Dak. Bimo. B. 9:78-81, 1947.
 - Raizenne, Can. Dept. Agr., Div. Ent. Processed Pub. 32, 4 p., 1945.
 - Rice, Amer. Mid. Nat. 35:154-157, 1946.
 - i Ross, Ill. Nat. Hist. Surv. B. 24:10-13, 1947.
 - bi Russell et al., Pract. Malar.:202-238, 1946.

- INSECTS - COLLECTION & PRESERVATION - Continued.
 Severin, S. Dak. R. 60:18, 1947.
 Sommerman, Ent. Soc. Amer. Ann. 39 629-630, 1946.
 Sprules, Toronto Univ. Studies Biol. Ser. 56:12,16-26,28,32,34,39,51-52, 71, 1947.
 1 Thompson, Can. Nature 9 97, 1947.
 Townes, Amer. Mid. Nat. 34:8-10, 1945.
 Usinger, Pest Control & Sanit. 2(3) 14-17, 1947.
 Ward's Nat. Sci. Estab., How to Make an Ins. Collect., 32 p., 1945.
 INSECTS - COLLECTION & PRESERVATION - ETHER
 Kennedy, Ohio J. Sci. 46:10-12, 1946
 INSECTS - COLLECTION & PRESERVATION - ETHYL ACETATE
 1 Raizenne, Can. Dept. Agr. Div. Ent. Processed Pub. 31, 3 p., 1945.
 INSECTS - COLLECTION & PRESERVATION - GASOLINE
 Venables, B. C. Ent. Soc. P. 43 22, 1947.
 INSECTS - COLLECTION & PRESERVATION - GASOLINE, NAPHTHA
 Spencer, B. C. Ent. Soc. P. 42:16, 1945.
 INSECTS - COLLECTION & PRESERVATION - INFLATING LARVAE
 Raizenne, Can. Dept. Agr., Div. Ent. Processed Pub. 32,4 p., 1945.
 INSECTS - COLLECTION & PRESERVATION - KILLING BOTTLE & JAR
 1 Raizenne, Can. Dept. Agr. Div. Ent. Processed Pub. 31,3 p., 1945
 INSECTS - COLLECTION & PRESERVATION - LABELING IMMATURE TYPES
 Hayes, Bklyn. Ent. Soc. B. 40:123-127, 1945.
 INSECTS - COLLECTION & PRESERVATION - MOUNTING
 Bordas, Ciencia 7:137-139, 1946.
 Carpenter, Amer. Mid. Nat. Monog. 3:21-23, 1946.
 Damerell, Ent. News 56:74-75, 1945.
 1 James, USDA Misc. Pub. 631:28-30, 1947.
 b Maltais, Can. Ent. 77:103-104, 1945.
 Nesbitt, Can. J. Res. Sect. D. 23:141, 1945.
 1 Oman & Cushman, USDA Misc. Pub. 601:14-22, 1946.
 1 Stohler, Turtlox News 24:23-24, 1946.
 INSECTS - COLLECTION & PRESERVATION - MOUNTING - GENITALIA
 1 Arnett, Coleopterists' Bul. 1:63-66, 1947.
 Chamberlain, Bklyn. Ent. Soc. B. 42: 126-130, 1947.
 INSECTS - COLLECTION & PRESERVATION - MOUNTING - LIVE INSECTS
 1 Frings, J. Expt. Zool. 102:24-25, 1946.
 bi Frings, Turtlox News 24:150-154, 1946.
 INSECTS - COLLECTION & PRESERVATION - MOUNTS, PLASTIC
 Huber & Caplin, Arch. Dermat. & Syph 56:763-765, 1947.
 Romaniak, Science 104.601-602, 1946
 INSECTS - COLLECTION & PRESERVATION - NETS
 b Romney, Ecology 26:135-147, 1945.
 INSECTS - COLLECTION & PRESERVATION - ROAD TAR
 b Hubbs & Walker, Ecology 28:464-466, 1947.
 INSECTS - COLLECTION & PRESERVATION - SMALL SPECIMENS
 Cross & Eben, J. Parasit 33:86, 1947.
 INSECTS - COLLECTION & PRESERVATION - UNITED STATES RECORDS
 Steyskal, Ent. News 58:154-156, 1947.
 INSECTS - COLLECTIONS
 Hatch, Coleopterists' Bul. 1 18, 1947.
 Osborn, Fragments of Entomol. Hist. Pt. 2.177-179, 1946.
 INSECTS - COLLECTIONS - ADAMS, CHARLES C.
 Ent. News 57.158, 1946.
 INSECTS - COLLECTIONS - AMERICAN MUSEUM OF NATURAL HISTORY
 bni Petrunkevitch, Amer. Mus. Nov. 1328,36 p., 1946.
 INSECTS - COLLECTIONS - B. C. PROVINCIAL MUSEUM OF NATURAL HISTORY & ANTHROPOLOGY
 Hardy, B. C. Prov. Mus. Nat. Hist. & Anthropol. R. f. 1944 C13.C35-C37, 1945, f. 1945:B14-B15, 1946.
 INSECTS - COLLECTIONS - BEQUESTS
 Rau, Bklyn. Ent. Soc. B. 40:119-120, 1945.
 INSECTS - COLLECTIONS - BERNICE P. BISHOP MUSEUM
 Buck, B. P. Bishop Mus. B. 186:11-13, 1945.
 INSECTS - COLLECTIONS - BOLTER, ANDREW
 Rapp, Ent. News 56:209, 1945, 57: 12, 1946.
 INSECTS - COLLECTIONS - CALIFORNIA ACADEMY OF SCIENCES
 Calvert, Cal. Acad. Sci. P. Ser. 4, 23:603-609, 1947.
 Van Dyke, Pan-Pac. Ent. 22:37-38, 1946.
 Zimmerman, Hawaiian Planters' Rec. 50:116, 1946.
 INSECTS - COLLECTIONS - CARNEGIE MUSEUM
 Avinoff, Carnegie Mus. R. 47:22-23, 1945.
 Jennings, Carnegie Mus. R. 48:21, 1946; 49:21-22, 1947.
 INSECTS - COLLECTIONS - CHICAGO NATURAL HISTORY MUSEUM
 Gregg, Chicago Nat. Hist. Mus. R. f. 1945:56-57, 1946; f. 1946:71, 1947.
 INSECTS - COLLECTIONS - DOS PASSOS, VIOLA HARRIET
 Comstock, N. Y. Ent. Soc. J. 57(1): 47-48, 1945.

**INSECTS - COLLECTIONS - EURO-
PEAN MUSEUMS**

Bailey, Ent. Soc. Amer. Ann. 40:203-212, 1947.

INSECTS - COLLECTIONS - GERMANY
Griffin, Ent. News 57:135-138, 1946.

**INSECTS - COLLECTIONS - HARVARD
MUSEUM**

Banks, Ent. News 56:78, 1945.
Barbour, Harvard Univ. Mus. Compar. Zool. R. f. 1944/45:7-8, 12.
Bigelow, Harvard Mus. Compar. Zool. R. f. 1945/46:15-16, 22-23.
McDunnough, Can. Ent. 77:62-68, 1945.

Romer, Harvard Univ. Mus. Compar. Zool. R. f. 1946/47:7-12.

Zimmerman, Hawaiian Planters' Rec. 50:114-115, 1946.

**INSECTS - COLLECTIONS - HAWAII
EXPERIMENT STATION**

Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46:24, 1947.

**INSECTS - COLLECTIONS - HOFFMAN,
CARLOS C.**

Ent. News 57:184, 1946.

**INSECTS - COLLECTIONS - INTER-
MOUNTAIN REGION**

Tanner et al., Rocky Mountain Conf. Ent. R. 18:12-13, 1947.

**INSECTS - COLLECTIONS - IOWA
STATE COLLEGE**

Drake & Harris, Iowa R. f. 1945/46 pt. 1:233; f. 1946/47 pt. 1:211-212.
i Oman, Iowa St. Col. J. Sci. 21:161-228, 1947.

INSECTS - COLLECTIONS - JAPAN
Remington, Ent. Soc. Amer. Ann. 39:448-449, 1946.

**INSECTS - COLLECTIONS - NEW
ENGLAND MUSEUM OF NAT-
URAL HISTORY**

Banks, Ent. News 56:78, 1945.
Joplin, Hobbies 50(9):24, 1945.

**INSECTS - COLLECTIONS - NEW YORK
ZOOLOGICAL PARK**

Eddy & Taggart, N. Y. Zool. Soc. R. 50:23, 1946.

**INSECTS - COLLECTIONS - NORTH
DAKOTA AGRICULTURAL
COLLEGE**

Post & Munro, N. Dak. Bimo. B. 9:82-83, 130, 1947.

**INSECTS - COLLECTIONS - OKLAHOMA
UNIVERSITY MUSEUM OF
ZOOLOGY**

i Mahaffey, Okla. Game & Fish News 1(9):10-11, 1945.

INSECTS - COLLECTIONS - PESTS

Fletcher, Ward's Nat. Sci. B. 20:32, 1946.

Fletcher, Pests 15(3):22, 1947.

Oman & Cushman, USDA Misc. Pub. 601:24-25, 1946.

**INSECTS - COLLECTIONS - RHODE
ISLAND DEPARTMENT OF AGRI-
CULTURE & CONSERVATION**

Knutson, R. I. Dept. Agr. & Conserv. R. 12:56-57, 1947.

**INSECTS - COLLECTIONS - ROHM &
HAAS**

i Ratcliff, Collier's 115(17):14-15, 1945.

**INSECTS - COLLECTIONS - STATEN
ISLAND MUSEUM**

Pallister, Staten Isl. Inst. Arts & Sci. P. 10:45-48, 1946.

**INSECTS - COLLECTIONS - U. S.
NATIONAL MUSEUM**

Kellogg, Science 104:136-137, 1946.
Schmitt, U. S. Natl. Mus. R. f. 1943/44:29, 33-36, 44, 1945.
f. 1944/45:30, 34-39, 46, 1946;
f. 1945/46:32, 36-40, 49, 1947;
f. 1946/47:22, 27-31.

**INSECTS - COLLECTIONS - WASMANN,
ERICH**

Gannett, Time 44(21):88, 90, 1945.
Rau, Ent. News 56:69, 1945.

Rehn, Ent. News 56:278, 1945.

**INSECTS - COLLECTIONS - WOLCOTT,
ALBERT BURKE**

Ent. News 57:138, 1946.

**INSECTS - COLOR, see COLOR OF
INSECTS**

**INSECTS - COLOR REACTION, see
COLOR - EFFECT ON INSECTS**

INSECTS - COMMON NAMES

Forbes, N. Y. (C.) M. 274:262-263, 1947.

McAttee, N. Y. Ent. Soc. J. 55:205-206, 1947.

Meiners, Bklyn. Ent. Soc. B. 40:56, 1945.

Mitchener, Ent. Soc. Manitoba P. 1:36-37, 41-42, 1945.

Muesebeck, J. Ec. Ent. 38:515, 1945, 39:427-448, 1946.

Quebec Min. Agr. Liste Off. Des Noms Franç. des Ins. d'Importance Econ. au Can., 66 p., 1947.

**INSECTS - COMMON NAMES -
MEDICAL INTEREST**

Muesebeck, Mosq. News 7:70-72, 1947.

INSECTS - CONTROL

i Albee, DuPont Mag. 39(3):2-5, 24, 1945.

Davis, Pest Control & Sanit. 1(7):6, 1946.

Friend, Plants & Gard. 1:113-115, 1945.

Fullaway, Hawaiian Acad. Sci. P. 19:3, 1945. (Abs.)

Gershensfeld, Bact. & All. Subjects: 399-432, 1945.

b Isely, Methods of Ins. Control Pt. 2 ed. 4 rev., 184 p., 1947.

i Killeffer, Sci. Amer. 176:157-159, 1947.

bi Moon et al., Mod. Biol.:309-316, 1947.

Ormsbee, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:30-31, 1946.

Pepper, Pa. Acad. Sci. P. 19:33-34, 1945.

i Pyenson, Plants & Gard. 1:108-112, 1945.

INSECTS - CONTROL--Continued.

- Rogue, P. R. (Rfo Piedras) R. f. 1943/44 16-17, 1946.
 Tissot, Cit. Indus. 27(12) 7,20, 1946.
 Tissot, Fla. Grow. 56 [1 e. 55] (2).20-21,30, 1947.
INSECTS - CONTROL, see also ENTOMOLOGY, ECONOMIC
INSECTS - CONTROL - CALIFORNIA
 Smith et al., in Hutchison, Cal. Agr. 239-315, 1946.
INSECTS - CONTROL - CHEMO-THERAPY
 Annand, USDA EPQ R. f. 1946/47-18-19.
 Knipling, Iowa St. Col. J. Sci. 22 47-49, 1947.
 b Roark, J. Ec. Ent. 39 35-38, 1946
INSECTS - CONTROL - COOPERATION, PAN AMERICAN
 Barreda, Conf. Interamer. Agr. Com. Perm., Mexico 2(1942) Sec 3A, 26 p., 1943
INSECTS - CONTROL - COSTS, see also AIRCRAFT DUSTING - COSTS, AIRCRAFT SPRAYING - COSTS, DUSTING - COSTS, FUMIGATION - COSTS, SPRAYING - COSTS, SOIL STERILIZATION - COSTS
INSECTS - CONTROL - 4-H CLUBS
 Gunderson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 25-26, 1946.
 1 Manis & Tuthill, Ida. Ext. B. 162, 4 p., 1946.
INSECTS - CONTROL - LEGISLATION, see ENTOMOLOGY - LEGISLATION
INSECTS - CONTROL - LUMBER CAMPS
 Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38,8 p., 39, 3 p., 1946.
INSECTS - CONTROL - MILITARY ZONES
 1 Blake & Russell, U. S. Off. Sci. Res. & Develop. R. 2091 (Prod. Bd. 2582). 342 p., 1943
 Bunn, Mil. Surg. 101-40-44, 1947.
 Jones & Fluno, J. Ec. Ent. 39.735-740, 1946.
 Olson & Dahms, J. Ec. Ent. 38.602-604, 1945.
 bi Simmons, Adv. Int. Med. 2:228-261, 1947.
 Army Med. Libr. Hist. Div., U. S. Army Med. Dept. Bul. 7-610-612, 1947.
 U. S. Army Med. Dept. Bul. 6:351-352, 1946.
 bi U. S. War Dept. TM 5-632 (PB-2435):1-63,80-135, 1945.
INSECTS - CONTROL - MILITARY ZONES, see also FLIES - CONTROL - MILITARY ZONES; MOSQUITO CONTROL - MILITARY ZONES
INSECTS - CONTROL - MILITARY ZONES - FIFTH SERVICE COMMAND
 Truman, Pests 13(4):10,12,14, 1945.

INSECTS - CONTROL - MILITARY ZONES - FOURTH SERVICE COMMAND

- Dews & Morrill, J. Ec. Ent. 39.347-355, 1946
INSECTS - CONTROL - MILITARY ZONES - PHILADELPHIA NAVY BASE
 i Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):11-15, 1946
INSECTS - CONTROL - MUNICIPAL
 1 Taggart & Osmun, Pub. Works 77(11):29-30,34, 1947.
INSECTS - CONTROL - NAVAL BASES, see INSECTS - CONTROL - MILITARY ZONES
INSECTS - CONTROL - OUTLOOK
 Annand, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 35-38, 1946.
 Millson, USDA Bur. Agr. Econ. Agr. Situation 29(5).11-14, 1945, Cargill Crop B. 20(7) 19-20, 1945.
INSECTS - CONTROL - PLANT HORMONES
 b Allen, J. Ec. Ent. 40 814-817, 1947.
INSECTS - CONTROL - SOIL FERTILITY, see INSECTS & PLANT NUTRITION
INSECTS - CONTROL - STATE EXPERIMENT STATIONS
 West, Fla. Grow. 55(6) 8, 1947.
INSECTS - CONTROL - ULTRASONIC WAVES, see ULTRASONIC WAVES - EFFECT ON INSECTS
INSECTS - CONTROL. ARRHENICIDAL
 Stafford, J. Ec. Ent. 40:278, 1947.
INSECTS - CONTROL, CULTURAL
 Annand, J. Ec. Ent. 40 466-467, 1947.
 Annand, Southeast. Cotton Ins. Control Conf. R. P. 1 6, 1947.
 Anthon, Wash. St. Hort. Assoc. P. 43-195, 1947.
 Atkins & Dahms, USDA TB 901-9-10, 1945.
 b Bird, Can. Ent. 79 9-10, 1947.
 Callenbach & Hansmeier, Mont. Ext. C. 164, 4 p., 1945.
 Carlson et al., J. Ec. Ent. 40 63, 1947.
 Chamberlin & Fluke, Wis. Res. B. 159.7-9,11-14, 1947.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 26-27.50,66-67,71,78, 1947.
 Colby, Ill. Ext. C. 453 rev.:50, 1946.
 Conner & Kulash, N. C. Ext. C. 299: 3, 8, 1947.
 Cooper, Fruit Varieties & Hort. Digest 1(1).16, 1946.
 i Creel & Rockwood, USDA FB 971 rev., 9 p., 1947.
 Cutright & Vogel, Ohio St. Hort. Soc. P. 78:158-159, 1945.
 Doehlert & Tomlinson, N. J. C. 504: 7, 1947.
 Duncan, Assoc. Can. Franc. Avanc. Sci. Ann. 13:110-111, 1947. (Abs.)
 Duncan, Quebec Soc. Protect. Plants R. 30:82-89, 1947.
 Fulton, N. C. Res. & Farm. 4 (Prog. R. 2):7, 1946.
 Fulton, N. C. TB 85:23-24, 1947.

INSECTS - CONTROL, CULTURAL--

Continued.

- Harlan, Ctt. Leaves 26(1):6-7, 1946.
 i Hickey, Maine Ext. C. 239,6 p., 1947.
 Hill, Iowa St. Col. J. Sci. 22:40, 1947.
 i Isely & Lincoln, Ark. Ent. C. 442, 7 p., 1946.
 i Jacobson & McDonald, Can. Dept. Agr. Div. Ent. Processed Pub. 62: 4-5, 1947.
 Jardine et al., USDA OES R. f 1944/45:53-54, 1946.
 Lange, Spreckels Sugar Beet Bul. 9: 23-24, 1945.
 Littlefield & Spurr, Harvard Univ. Harvard For. B. 22:40-47, 1947.
 McDonald, Ohio St. Univ. Abs. Doctoral Diss. 53:239, 1947.
 Marcovitch, Assoc. South. Agr. Workers P. 44:129, 1947. (Abs.)
 Marcovitch, Tenn. St. Hort. Soc. P. 41:60-61, 1947.
 Marcovitch & Stanley, Tenn. R. 59 90, 1947.
 Mimms & Zaumeyer, USDA FB 1996: 41, 1947.
 Muma, Neb. Ext. C. 1537.7, 1946.
 Munro et al., N. Dak. Bimo. B. 10:49-51, 1947.
 Musser et al., S. C. Ext. C. 301:24-25, 33, 1947.
 Peirson & Nutting, Maine For. Serv. C. 6,8-10, 1945.
 Pletsch, Mont. B. 446:73, 1947.
 i Portman, Mo. C. 297,4 p., 1945.
 b Post et al., N. Dak. Bimo. B. 10: 30-31, 1947.
 Rawlins et al., N. Y. (C.) R. 58.121, 1946.
 Slate, Conn. R. f. 1944/45:50-51.
 i Slate et al., N. Y. (G.) C. 153 rev.: 59-61, 1945.
 Smith, Cal. Ext. C. 98 rev.:49-51, 1946.
 bi Spawn, S. Dak. B. 379,16 p., 1945.
 Spawn, S. Dak. R. 60:18, 1947.
 Still, Ohio St. Hort. Soc. P. 100:146-148,151, 1947.
 Thompson, Ont. Dept. Agr. B. 355 rev.:31-33, 1947.
 Watson, Fla. Grow. 55(5):12-13, 1947.
 b Whitehead, J. Ec. Ent. 39:69-76, 1946.
 Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2:11-13, 1947.
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:1-4; Cigar Tob.:1-5; Burley & Dark Fire-Cured Tob.:1-3, 7, 1947.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:10,13, 1947.
INSECTS - CUBA
 i Bruner et al., Cuba (Santiago de las Vegas) B. 63,246 p., 1945.
INSECTS - CUTICLE
 b McLintock, Ent. Soc. Manitoba P. 1:16-29, 1945.
 Richards, Ent. News 57:133-135, 1946.

INSECTS - CUTICLE & SENSITIVITY TO DDT

- b Richards & Cutkomp, Biol. Bul. 90: 97-108, 1946.

INSECTS - DESERT

- i Carr, Desert Parade:58-65, 1947.
 bi Dodge, Poisonous Dwellers of the Desert:1-27,39-44, 1947.
 b Hubbs & Walker, Ecology 28:464-466, 1947.

INSECTS - DIAPAUSE

- b Abbott, Turtlox News 24:184, 1946.
 Daviault, Assoc. Can.-Franç. Avanc. Sci. Ann. 13:94, 1947. (Abs.)
 bi Hodson & Weinman, Minn. TB B. 170:3-14,29, 1945.
 bi Ludwig, Physiol. Zool. 19:355-359, 1946.
 b Salt, Ent. Soc. Manitoba P. 3:34-43, 1947.
 Simmonds, Can. Ent. 79:226-232, 1947.
 Smith, J. Ec. Ent. 38:605-606, 1945.

INSECTS - DIAPAUSE - EFFECT OF MOISTURE

- Salt, Sci. Agr. 26:633-639, 1946.

INSECTS - DIAPAUSE - EFFECT OF SOLVENTS

- b Slifer, J. Expt. Zool. 102:333-356, 1946.

INSECTS - DIAPAUSE - EFFECT OF TEMPERATURE

- b Salt, Can. J. Res. Sect. D. 25:66-86, 1947.

INSECTS - DIAPAUSE - ROLE OF BRAIN & PROTHORACIC GLANDS

- bi Williams, Biol. Bul. 90:234-243, 1946; 93:89-98, 1947.
 Williams, Anat. Rec. 99:671; 672, 1947. (Abs.)

INSECTS - DIAPAUSE - ROLE OF CYTOCHROME SYSTEM

- Williams, Anat. Rec. 99:591, 1947. (Abs.)

INSECTS - DIGESTION

- Richards, Ent. News 56:50-52, 1945.

INSECTS - DIMORPHISM

- i Weber, Can. Soc. Amer. Ann. 39:7-10, 1946.

INSECTS - DISEASES, see DISEASES OF INSECTS

INSECTS - DISPERSAL

- bi Wolfenbarger, Amer. Midl. Nat. 35:2-4,6-11,19-21,38-41,44-97,102-152, 1946.

INSECTS - DISPERSAL BY AIR CURRENTS

- b Wellington, Can. Ent. 77:7-15,21-28, 44-49,69-73, 1945.

INSECTS - DISPERSAL BY AIRCRAFT, see AIRCRAFT - PEST CARRIERS

INSECTS - DISPERSAL BY MAILS

- Fender, Bklyn. Ent. Soc. B. 40:66, 1945.

INSECTS - DISPERSAL BY MILITARY TRAFFIC

- Magath & Knies, Mil. Surg. 96:209-222, 1945.

INSECTS - DRYING TOLERANCE, see HUMIDITY & INSECTS - DRYING TOLERANCE

- INSECTS - ECOLOGY**
b Linsley, *Pests* 14(7):10,12,14,16,18, 1946.
Rau, *Mo. Bot. Gard. Ann.* 32:373-394, 1945.
Romney, *Ecology* 26:138-142, 1945.
- INSECTS - ECOLOGY - EFFECT ON CONTROL**
Michelbacher, *J. Ec. Ent.* 38 129-130, 1945.
- INSECTS - ECOLOGY - UTAH (WESTERN)**
bi Fautin, *Ecol. Monog.* 16:264-267, 269-270, 273-274, 289-293, 298-300, 302, 305-310, 1946.
- INSECTS - ECOLOGY & SPECIATION**
b Mayr, *Evolution* 1:267-268, 271, 273-276, 278-279, 281, 284-285, 1947.
- INSECTS - EGGS**
i Milne & Milne, *A Multitude of Living Things* 113-115, 117-119, 1947.
bi Tirelli, *J. Hered.* 37:377-383, 1946.
- INSECTS - ERADICATION**
Lyle, *J. Ec. Ent.* 40:1-8, 1947.
- INSECTS - ERADICATION - CALIFORNIA (LOS ANGELES CO.)**
Ryan, *Cal. Dept. Agr. B.* 35:124-125, 1946.
- INSECTS - ERADICATION, SPECIES**
Essig, *Science* 101(2610,sup.):10, 1945
- INSECTS - EVOLUTION**
i Brues, *Sci. Month.* 64:125-134, 1947.
Michener, *BAMNH* 89:266-269, 1947
- INSECTS - EVOLUTION - SPECIES**
Alexander, *Colo. Univ. Studies Ser. A* 27(4):18-20, 24-28, 1946.
- INSECTS - EXHIBITS - CHICAGO NATURAL HISTORY MUSEUM**
Gregg, *Chicago Nat. Hist. Mus. R. f.* 1946.69, 1947.
- INSECTS - EXHIBITS - MUSEUMS (UNITED STATES)**
bi Clausen, *Develop. of Ent. Exhib. in Mus. U. S.*, 168 p., 1947 (Abs. of Thesis)
- INSECTS - EXHIBITS - NEW YORK ZOOLOGICAL PARK**
Eddy & Taggart, *N. Y. Zool. Soc. R.* 50:23-25, 1946.
Efron, *Sci. Digest* 18(5):15-18, 1945.
Murphy, *Reader's Digest* 48(285):118-120, 1946.
- INSECTS - EYES**
b Beadle, *Chem. Rev.* 37:33-35, 1945.
bi Tirelli, *J. Hered.* 37:377-383, 1946.
- INSECTS - FATS - COMPOSITION**
b Giral et al., *J. Biol. Chem.* 162:55-59, 61-63, 1946.
- INSECTS - FLIGHT**
Grant, *Ent. News* 56:243-245, 1945.
Marshall, *Collier's* 116(1):34, 1945.
i Stout, *Sci. Illus.* 2(1):88-89, 1947.
- INSECTS - FLIGHT - LANDING**
Eyles, *Sci. Digest* 19(2):73, 1946.
- INSECTS - FLIGHT - SOURCE OF ENERGY**
bi Chadwick, *Biol. Bul.* 93:229-239, 1947.
- INSECTS - FLUORESCENCE**
Bodine & Fitzgerald, *Anat. Rec.* 96: 521, 1946. (Abs.)
- INSECTS - FLUORESCENCE--Continued.**
bi Bodine & Fitzgerald, *Physiol. Zool.* 20:146-160, 1947.
- INSECTS - FLOURESCENCE, see also INSECTS - LUMINESCENCE**
- INSECTS - FOOD HABITS**
i Bruner et al., *Cuba (Santiago de las Vegas) B.* 63, 246 p., 1945.
bi Brues, *Ins. Dietary*, 466 p., 1946.
b Dethier, *Chem. Ins. Attractants & Repellents*:249-264, 1947.
Weiss, *N. Y. Ent. Soc. J.* 53:167-168, 1945.
- INSECTS - FOSSIL**
Bequaert, *Psyche* 54:205-207, 1947.
Bigelow, *Harvard Mus. Compar. Zool. R. f.* 1945/46:16.
bni Carpenter, *Amer. Acad. Arts & Sci. P.* 76:25-54, 1947.
i Carpenter, *Psyche* 54:85-85, 1947.
bni Hull, *Harvard Univ. Mus. Compar. Zool. B.* 95 251-355, 1945.
i Melander, *Psyche* 53:43-49, 1946.
i Pierce, *South. Cal. Acad. Sci. B.* 45: 119-131, 1947.
Remington, *Lepidopterists' News* 1: 43, 1947.
- INSECTS - FOSSIL, see also ARACHNIDA - FOSSIL**
- INSECTS - FOSSIL - AMBER**
Milne & Milne, *A Multitude of Living Things* 123-127, 1947.
ni Ulke, *Not. Nat.* 193, 7 p., 1946.
- INSECTS - GENETICS**
bi Altenburg, *Genetics*. 14, 16-17, 102-103, 106-113, 115-120, 125-126, 131-138, 182-209, 224, 235-236, 240-241, 269-277, 286-308, 333-340, 343-374, 380-395, 1945.
- INSECTS - GENITALIA**
bi Dos Passos & Grey, *Amer. Mus. Nov.* 1296:29 p., 1945.
- INSECTS - GENITALIA, MALE**
bi Shull, *Genetics* 31:291-303, 1946.
- INSECTS - GYNANDROMORPHS, see GYNANDROMORPHS**
- INSECTS - HABITS & BEHAVIOR**
i Dubkin, *Enchanted Streets* 18-33, 49-68, 145-159, 191-200, 1947.
i Harpster, *Ins. World*, 211 p., 1947.
Haskins, *Atlantic Month.* 177(3):114-120, 1946.
Herbert, *Plantation Stockm.* 2(5):20-21, 28-29, 1945.
i Mason, *Anim. Homes*. 63-88, 1947.
i Needham, *Natl. Geog. Mag.* 90:340-356, 1946.
Noble, *Nature of the Beast*:3, 9-15, 18-19, 21-22, 24-25, 28, 31-33, 48, 50-51, 59, 61, 70, 76, 82-89, 113, 124, 129-130, 148, 156-157, 194-196, 207, 1945.
i Pettit, *Book of Nature Hobbies*: 106-140, 1947.
Standen, *Good Housekeeping* 120(1): 37, 145-146, 1945.
i Wise & Co., *Wonders of Nature*:98-99, 101, 106-108, 114, 116, 118, 122-124, 127-130, 232-242, 246, 251-273, 293, 297-298, 302-304, 307-311, 1945.
- INSECTS - HABITS & BEHAVIOR, see also INSECTS - FOOD HABITS**

INSECTS - HABITS & BEHAVIOR -
INSTINCT

Teale, Pests 14(11):24, 1946.

INSECTS - HAWAII

i Edmondson, Reef & Shore Fauna of Hawaii:312-314, 1946.

i Fullaway & Krauss, Common Insects of Hawaii, 228 p., 1945.

Kraus, Hawaiian Ent. Soc. P. 12:309-317, 1945.

Pemberton, Hawaiian Planters' Rec. 51:85-87, 1947.

INSECTS - HAWAII - IMPORTED

i Barton, Hawaii Farm & Home 9(5):39-40, 42, 1946.

Hawaiian Ent. Soc. P. 13:197-198, 1947.

INSECTS - HAWAII (NIHAU)

Fullaway, Hawaiian Ent. Soc. P. 13:51-53, 1947.

INSECTS - HEAD

b Ferris, Microentomology 12:60-64, 1947.

INSECTS - HEAD - CRANIUM

bi Snodgrass, Smithsn. Inst. Misc. Collect. 107(7):1-52, 1947.

INSECTS - HEAD - FACE

bi DuPorte, J. Morph. 79:371-417, 1946.

INSECTS - HEART

bi McIndoo, J. Compar. Neurol. 83:141-155, 1945.

INSECTS - HIBERNATION, see

INSECTS - OVERWINTERING

INSECTS - HOMOEOSIS

b Villee, Elisha Mitchell Sci. Soc. J. 61:291-300, 1945.

INSECTS - IDENTIFICATION

Alden, Ga. Dept. Ent. B. 87:12, 1945; 89:13, 1946; 90:12, 1947.

Anderson, La. Comnr. Agr. & Immigr. Bten. R. 32:94, 1946.

Annand, USDA EPQ R. f. 1943/44:23-24; f. 1944/45:34, f. 1945/46:32, f. 1946/47:37.

Annand, New Internatl. YB 1944:294, 1945.

i Howes, N. Y. Zool. Soc. B. 48:99-102, 1945.

i Oman & Cushman, USDA Misc. Pub. 601:26-42, 1946.

INSECTS - ILLUSTRATIONS

i Life 19(9):59-64, 1945.

INSECTS - ILLUSTRATIONS, see also
PHOTOGRAPHY

INSECTS - IMMATURE FORMS

bik Cole, Tenn. Acad. Sci. J. 22:28-44, 1947.

INSECTS - IMPORTED PESTS

Creighton, Natl. Shade Tree Conf. Proc. 21:119-122, 1945.

Kerr, R. I. Ext. Better Rur. Life 8(2):3-4, 1947.

INSECTS - IMPORTED PESTS, see also
QUARANTINE, PLANT -
INTERCEPTIONS

INSECTS - IMPORTED PESTS -
DETECTION

Annand, J. Ec. Ent. 40:463-464, 1947.

INSECTS - INTERCEPTIONS, see QUARANTINE, PLANT - INTERCEPTIONS.

INSECTS - JOKES

Esar, Anim. Joker, 289 p., 1946.

INSECTS - LARVAE

i Peterson, Sci. Month. 60:426-442, 1945.

INSECTS - LARVAE & VERTEBRATE
EVOLUTION

Gregory, Quart. Rev. Biol. Sci. 21:348-349, 352, 1946.

INSECTS - LEGENDS

Brimley, N. C. Dept. Agr. Agr. Rev. 20(12):4, 1945.

Evans, Nat. Hist. of Nonsense:32, 34-

35, 42, 45, 53, 82-85, 122, 171, 246, 1947.

Tissot, Cit. Indus. 26(7):14-15, 1945.

INSECTS - LEGS

i Headstrom, Horticulture 24:535-536, 1946.

i Teale, Nature Mag. 38:237-240, 272, 1945.

INSECTS - LIGHT OF, see INSECTS -
LUMINESCENCE

INSECTS - LIGHT REACTIONS, see INSECTS -
PHOTOTROPISM; LIGHT
& INSECTS

INSECTS - LITERATURE, see ENTO-
MOLOGY - LITERATURE

INSECTS - LONGEVITY

Abdel-Malek, Ohio J. Sci. 47:213-214, 1947.

Basinger & Smith, Cal. Dept. Agr. B. 35:37-38, 1946.

b Bates, Ent. Soc. Amer. Ann. 40:5-12, 1947.

Beacher, Ent. Soc. Amer. Ann. 40:534-535, 1947.

Cagle & Jackson, Va. TB 107:25-26, 1947.

Cook, Ecology 27:37-46, 1946.

Culpepper, J. Ec. Ent. 39:473, 1946.

b Dahms, J. Ec. Ent. 40:841-845, 1947.

b Deevey & Deevey, Conn. Acad. Arts & Sci. Trans. 36:115-134, 1945.

Freeborn et al., Cal. Mosq. Control Assoc. P. 14:71, 1946.

Grayson, J. Ec. Ent. 39:165, 167, 1946.

Grundemann, Kans. Ent. Soc. J. 20:82-84, 1947.

Linsley & MacSwain, Pan-Pacific Ent. 21:88, 1945; 22:18, 1946.

b Ludwig, Physiol. Zool. 18:103-135, 1945.

Perry, Natl. Malar. Soc. J. 5:138, 1946.

Pletsch, Mont. B. 446:23, 55-56, 66-67, 83-84, 1947.

Rau, Ent. Soc. Amer. Ann. 38:503-504, 1945.

Tauber & Bruce, Iowa St. Col. J. Sci. 20:53-55, 1945.

Cal. St. Dept. Pub. Health B. 44 rev.: 17, 1945.

INSECTS - LONGEVITY, see also

GRASSHOPPERS - LONGEVITY

INSECTS - LONGEVITY & HEALTH OF
HOST

bi Severin, Hilgardia 17:121-137, 1946.

INSECTS - LONGEVITY & PLANT
VIRUSES

Severin, Hilgardia 17:129-132; 541-543, 1947.

INSECTS - LOSSES CAUSED BY

- Albee, DuPont Mag. 39(3):3, 1945.
 Anderson, USDA R. Sec. f. 1946:146-147, f. 1947:131,139-140,142.
 Annand, USDA EPQ R. f. 1943/44:12; f. 1944/45:31-34,39; f. 1945/46:30. f. 1946/47:32-34.
 Annand, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:36, 1946.
 Arnason & McDonald, Saskatch. Dept. Agr. R. 42:91-92, 1947.
 i Atkins & Dahms, USDA TB 901:2, 7-9, 1945.
 Baker et al., Wash. B. 497:2,60, 1947.
 Beck, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 5), 3 p.
 Besse, Oreg. C. Inform. 353.4-7,9,13, 19,25,32, 1945.
 Bishopp, USDA YB f. 1943/47.613-615.
 i Bloch, Timberm. 48(2):102-103, 1946.
 Buchanan, Wash. B. 482:75, 1946.
 Cuff, Soap & Sanit. Chem. 22(8):136-137,181, 1946.
 Davis, Ind. Ext. B. 105 rev.:2, 1945.
 Douglass, Mo. St. Dept. Agr. Bien. R. f. 1945/47.41.
 Drake & Tauber, Iowa Dept. Agr. YB 46:197-198, 1946.
 Drake et al., Iowa Dept. Agr. YB 47:119, 1947.
 Dugas et al., La. R. f. 1945/46.54, 1947.
 Egloff, Chemurg. Digest 5:243, 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46:72-73; f. 1946/47:79-80.
 Gates, Green Thumb 2(2).21, 1945.
 Gentry, Iowa Vet. 18(3):13, 1947.
 Gray, Ent. Soc. Manitoba 2:20-22, 1946.
 Hall, West. For. & Conserv. Assoc. P. 35:26, 1945?
 i Hall, Timberm. 48(2).52,54,62, 1946.
 Haller, Sci. News Let. 52 361, 1947.
 Hambidge, Harper's Mag. 190.264-265, 1945.
 i Hamilton, Pop. Mech. Mag. 89(3).172, 1946.
 Hill, Wyo. R. 56:12, 1947.
 Hodson, Minn. Hort. 73:102-103, 1945.
 Hoffmann & Anderson, J. For. 43:436-439, 1945.
 b Hopping & Mathers, For. Chron. 21:98-99, 1945.
 Ingram & Dugas, Sugar Bul. 25(2):10-11, 1946.
 Isely, Ark. B. 462:6-7,26, 1946.
 Johnston, Cotton Res. Cong. P. 9:88-89, 1947.
 Jones, Oreg. St. Hort. Soc. R. 38:9, 1946.
 Kelly, Kans. Ext. Livestock Ins. Control in Kans.:16,24, 1946?
 King & McDonald, Saskatch. Dept. Agr. R. 40:73-74, 1945; 41:83-84, 1946.
 Laake, J. Ec. Ent. 39:67-68, 1946.
 Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):61-62, 1947.
 Madden & Chamberlin, USDA TB 896:4-5, 1945.

INSECTS- LOSSES CAUSED BY--Continued

- Marshall, Ind. Hort. Soc. Trans. 84:23-24, 1945.
 Marshall, Ind. R. 59:64, 1946.
 Mills et al., Mont. B. 425:6-7, 1945, 442:6-10,15, 1947.
 Munro, Grain & Feed J. Consol. 94:465, 1945.
 Munro, N. Dak. Bimo. B. 7(4):14-16, 1945.
 Munro et al., N. Dak. Bimo. B. 10.46-51, 1947.
 Nash, Timber of Can. 6(11):62-65, 1946.
 Packard & Cartwright, Ind. B. 440 rev.:3, 1947.
 Parks, Ohio Ext. B. 229 rev.:4, 1946.
 Parks, Ohio Bimo. B. Farm & Home Res. 32:170-171, 1947.
 Putnam, Alberta Dept. Agr. R. f. 1946:86, 1947.
 Reed, Ind. Ext. R. 33:11, 1946.
 Rempel & Arnason, Sci. Agr. 27:428-433, 1947.
 Rhodes, Fla. Dept. Agr. B. 127:94-99, 1946.
 Ritcher, Ky. B. 502:6-8,21, 1947.
 Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:100, 1947.
 Salter, USDA PISAE R. f. 1946/47:76.
 b Seamans et al., Ent. Soc. Ont. R. 75:10-15, 1945.
 Selfert, Ill. Dept. Agr. R. 30 229, 1947.
 Smith, Colo. Ext. B. 389-A:30, 1946.
 Stevens, Tech. Assoc. Papers Pulp & Paper Indus. Ser. 30:598, 1947.
 Tissot, Fla. Grow. 56 [i.e.55] (2):20, 1947.
 Underhill & Bodenstein, Va. TB 97.8, 13-14,16-17, 1946.
 Vance, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 2), 2 p., (1946, No. 4), 2 p.
 Wakeland, Agr. Chem. 1(4):15-17,59, 1946.
 Wallace, Cal. Dept. Agr. B. 35:191-192, 1947.
 Wallace et al., Cal. Dept. Agr. B. 35:194, 1947.
 Watts, USDA FS R. f. 1947:20.
 Weaver et al., S. Dak. Ext. Leaf. 102:3, 1946 (Repr.)
 Wyckoff et al., USDA FS Reappraisal R. 5.1-7,26-39, 1947.
 Cal. Dept. Nat. Resources Div. For., For. Ins. Conditions in Cal. during 1946:7-12, 1947.
 i Life 19(9):59-64, 1945.
 Natl. Livestock Loss Prev. Bd., Cattle Grubs Must Go:7-10, 1945.
 USDA EPQ, USDA Consum. Guide 13(7):3, 1947.
 INSECTS - LOSSES CAUSED BY, see also COTTON INSECTS - LOSSES CAUSED BY
 INSECTS - LUMINESCENCE
 Brues, Psyche 53:13-14, 1946.
 Buck, Biol. Bul. 91:226, 1946. (Abs.)
 bi Burbanck & Lower, Bios 17:198-200, 1946.

- INSECTS - LUMINESCENCE--Continued.**
 i Harvey, *Frontiers* 10(1):6-7, 30, 1945.
 i Harvey, *Life* 19(16):63, 65, 1945.
- INSECTS - LUMINESCENCE, see also**
INSECTS - MARKING, see ENTOMOLOGICAL TECHNIQUE - TAGGING
- INSECTS - MEIOSIS**
 Cleveland, *Science* 105:287-289, 1947.
- INSECTS - MELANISM, see COLOR OF INSECTS - MELANISM**
- INSECTS - MEMORY vs. INSTINCT**
 Grant, *J. Ent. & Zool.* 38:46-47, 1946.
- INSECTS - MICROBIOLOGY**
 bi Steinhaus, *Ins. Microbiol.*, 763 p., 1946.
- INSECTS - MICROBIOLOGY - RELATION TO BIOLOGICAL CONTROL**
 Steinhaus, *J. Ec. Ent.* 38:591-596, 1945.
- INSECTS - MIGRATION**
 Rees, *Mosq. News* 5:134, 1945.
- INSECTS - MIGRATION, see also LEPIDOPTERA - MIGRATION**
- INSECTS - MILITARY ZONES - FOURTH SERVICE COMMAND**
 Carpenter et al., *J. Ec. Ent.* 38:600-602, 1945.
- INSECTS - MIMICRY**
 i Brues, *Sci. Month.* 64:125-126, 1947.
 bi Goldschmidt, *Quart. Rev. Biol.* 20:147-164, 205-230, 1945.
- INSECTS - MIMICRY, see also COLOR OF INSECTS, PROTECTIVE, INSECTS - CAMOUFLAGE**
- INSECTS - MONA ISLAND**
 bni Ramos, *P. R. Univ. J. Agr.* 30:1-74, 1946.
- INSECTS - MORTALITY - STATISTICAL METHODS**
 Bess, *Ent. Soc. Amer. Ann.* 38:472-481, 1945.
 b Sun & Shepard, *J. Ec. Ent.* 40:710-715, 1947.
- INSECTS - MOUNT DESERT REGION**
 i Proctor, *Biol. Surv. Mount Desert Region Pt. 7*, 566 p., 1946.
- INSECTS - MOUNTING, see INSECTS - COLLECTION & PRESERVATION - MOUNTING**
- INSECTS - NERVOUS SYSTEM**
 b Allen, *Ent. Soc. Manitoba P.* 2:31-45, 1946.
 b Prosser, *Physiol. Rev.* 26:448-460, 465-478, 1947.
 b Richards & Cutkomp, *J. Cell. & Compar. Physiol.* 26(1):57-61, 1945.
 bi Richards & Cutkomp, *N. Y. Ent. Soc. J.* 53:313-355, 1945.
- INSECTS - NERVOUS SYSTEM - HEART**
 bi McIndoo, *J. Compar. Neurol.* 83:141-155, 1945.
- INSECTS - NESTS**
 i Gaul, *Bklyn. Ent. Soc. B.* 42:87-95, 1947.
 i Jenks & McKay, *Nature Mag.* 40:137-139, 1947.
 Shappirio, *Ent. News* 58:18, 1947.
- INSECTS - NESTS, see also ANTS - NESTS; TERMITES - MOUNDS; WASPS - NESTS**
- INSECTS - NEW YORK**
 Leonard, *N. Y. Ent. Soc. J.* 55:215-217, 1947.
- INSECTS - NOMENCLATURE**
 Hatch, *Ent. News* 57:141-143, 1946.
- INSECTS - NUTRITION**
 b Balduf, *Ent. Soc. Amer. Ann.* 40:576-587; 588-597, 1947.
 Gier, *Ent. Soc. Amer. Ann.* 40:303-304, 1947.
- INSECTS - NUTRITION, see also APIS MELLIFERA - FOOD; MOSQUITOES - NUTRITION**
- INSECTS - NUTRITION - ARTIFICIAL**
 bi Carter, *J. Ec. Ent.* 38:335-338, 1945.
 Frings, *Science* 105:482, 1947.
 Haviland, *J. Ec. Ent.* 40:415-416, 1947.
 b Hill et al., *Ent. Soc. Amer. Ann.* 40:213-216, 1947.
- INSECTS - NUTRITION - THIAMINE**
 b Smallman, *J. Ec. Ent.* 38:106-110, 1945.
- INSECTS - NUTRITION - VITAMINS**
 b Fraenkel, *Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P.* 2:1-3, 1947.
- INSECTS - NUTRITION & FUMIGANTS**
 Sun, *Minn. TB* 177:35-38, 1947.
- INSECTS - NUTRITION & SEX**
 b Flanders, *Amer. Nat.* 79:122-141, 1945.
- INSECTS - ORIGIN - RELATION TO TAXONOMY**
 bi Metcalf, *Elisha Mitchell Sci. Soc. J.* 62:149-175, 1946.
- INSECTS - OUTBREAKS**
 Annand, *USDA EPQ R. f.* 1943/44:11, f. 1944/45:32-33; f. 1945/46:31.
 Drake, in *Iowa St. Col. & Iowa Agr. Expt. Sta., Cent. of Farm. in Iowa 1846-1946*:76, 1946.
 bi Drake & Tauber, *Iowa Dept. Agr. YB* 46:177-194, 1946.
 b Hill, *Kans. Ent. Soc. J.* 20:88-92, 1947.
 b Hoffmann, *J. Ec. Ent.* 38:375-377, 1945.
 Massey, *Rocky Mountain Conf. Ent. R.* 18:6, 1947.
 Parks, *Veg. Grow. Assoc. Amer. R.* 37:112-117, 1945.
 Parks, *Ohio Veg. & Potato Grow. Assoc. P.* 31:112-117, 1946.
 Pietsch, *Mont. B.* 446:12-13, 1947.
 Rockwood et al., *USDA TB* 928:15-16, 1947.
 Wallace, *Cal. Dept. Agr. B.* 35:190-192, 1947.
 Watts, *USDA FS R. f.* 1947:20, 27.
 i Woglum & Lewis, *Cal. Citrog.* 32:308-309, 1947.
- INSECTS - OUTBREAKS - CANADA**
 Buckell, *Can. Ent.* 77:115-116, 1945.
 Gardiner, *Can. Min. Agr. R. f.* 1946/47:89-90.
 Gauthier, *Quebec Min. Agr. R. f.* 1944/45:80.
 Kendeligh, *Ont. Dept. Lands & For. Div. Res. Biol. B.*, 100 p., 1947.
 i Kennedy, *Ont. Royal Comn. For. R. f.* 1947:115-116, 118.

INSECTS - OUTBREAKS - CANADA -- Continued.

Prebble & Graham, B. C. Lumberm.
29(2):25-27,42,44,46,48, (3) 37-39,88,
90,92, 1945.

bi Rempel & Arnason, Sci. Agr. 27
428-445, 1947.

INSECTS - OUTBREAKS - HISTORY

Uvarov, Smithsn. Inst. R. f. 1944 331-
337, 1945.

INSECTS - OUTLOOK

Hall, Cargill Crop B. 21(11) 10-11,
1946.

INSECTS - OVERWINTERING

i Eddy, Anim. Kingdom 48:176-181,
1945.

Guppy, B. C. Ent. Soc. P. 43.30, 1947.

i Headstrom, Organ. Gard. 8(3) 10-13,
1946.

Hervey & Schroeder, J. Ec. Ent. 40:
505-506, 1947.

Hetrick, Va. B. 409:11-13, 1947.

Pletsch, Mont. B. 446.33-35,82, 1947.

Pyenson, Home Gard. (N. Y.) 6(5) 37-
40, 1945.

**INSECTS - PENETRATION OF IN-
SECTICIDES**

b Richards & Cutkomp, Biol. Bul. 90:
97-108, 1946.

Sun, Minn. TB 177 72-76, 1947.

INSECTS - PHOTOGRAPHY

i Brownell, Amer. Photog. 39(8) 41-
43, 1945, 40(8):40-43, 1946.

i Cassell, Nat. Hist. 54 136-137,277-
279, 1945. 55:234-236, 1946.

i Cassell & Cazier, Nat. Hist. 56:264-
271, 1947.

i Chace, Pop. Sci. Month. 146(4):108-
115, 1945.

i Chace, U. S. Camera 9(6):14-15,
1946.

i Chace, Nature Mag. 40:366-367, 1947.

i Chace, Pop. Mech. Mag. 88(2):114-
117, 1947.

i Crandall, Anim. Kingdom 49:167,
1946.

i Dembling, Sci. Illus. 2(10):56-58,60,
1947.

i Eddy, Anim. Kingdom 49:139-143,
1946.

i Evans, Nature Mag. 40:491, 1947.

i Gibson, J. Biol. Photog. Assoc.

14(3):133-138, 1946.

Gibson, N. Y. Ent. Soc. J. 55.309-310,
1947. (Abs.)

i Hadley, Pop. Mech. Mag. 86(2):192-
193, 1946.

Handford, Sci. Agr. 26:153, 1946.

i Hess, Nature Mag. 40:25-27, 1947.

i Jenks, Nature Mag. 39:249-251,
1946.

i Jenks & McKay, Nat. Hist. 56:31-35,
1947.

i Jenks & McKay, Nature Mag. 40:137-
139, 1947.

i Kane, Sci. Illus. 2(4):75-77; (9):48-
49, 1947.

i Lewis, Nature Mag. 40:412-414,
1947.

i Schwarz, Audubon Mag. 47:90-100,
1945.

INSECTS - PHOTOGRAPHY--Continued.

i Smith, Pop. Mech. Mag. 83(5) 76-79,
1945.

i Teale, Can. Nature 7:130-133, 1945.

i U. S. Camera 8(1):36-37,60, 1945.

**INSECTS - PHOTOGRAPHY -
ACCIDENTAL IMAGE**

i Rooks, U. S. Camera 9(2):34,53,
1946.

**INSECTS - PHOTOGRAPHY - COATED
LENSES**

b Milne, J. Biol. Photog. Assoc. 14:
59-75, 1945.

**INSECTS - PHOTOGRAPHY - ELEC-
TRON MICROSCOPE, see
ENTOMOLOGICAL TECHNIQUE-
ELECTRON MICROSCOPE**

**INSECTS - PHOTOGRAPHY - EQUIP-
MENT**

i Dos Passos, Bklyn. Ent. Soc. B. 40:
166-169, 1946.

**INSECTS - PHOTOGRAPHY - TYPE
SPECIMENS**

i Dos Passos, Bklyn. Ent. Soc. B. 40:
166-169, 1946.

INSECTS - PHOTOTROPISM

Knowlton, Bklyn. Ent. Soc. B. 40:158,
1946.

Strickland, Bklyn. Ent. Soc. B. 40:57-
59, 1945.

INSECTS - PHYSIOLOGY

b Day, Ent. News 56:75-78, 1945.

Tobias, Anat. Rec. 99:580, 1947. (Abs.)

**INSECTS - PHYSIOLOGY - METABO-
LISM OF CHLOROPHYLL**

b Metcalf, Ent. Soc. Amer. Ann. 38:
397-402, 1945.

**INSECTS - PLANT INJURY -
IDENTIFICATION**

i Banta, Amer. Fruit Grow. 65(2):8-9,
14,22, 1945.

INSECTS - PLANT RELATIONSHIPS, see

**ANTS - PLANT ANTS, INSECTI-
VOROUS PLANTS, INSECTS &
PLANT DISEASE; INSECTS &
PLANT NUTRITION; INSECTS &
POLLINATION, INSECTS & SEED
PRODUCTION; PLANTS &
INSECTS**

INSECTS - POPULATIONS

Davis, Ind. Acad. Sci. P. 147-153,
1947?

Goulden, Ent. Soc. Manitoba P. 1:29-
31, 1945.

Spencer, B. C. Ent. Soc. P. 42:19-23,
1945.

Wadley, Biometrics Bul. 1(1):12, 1945.
(Abs.)

b Wadley, J. Ec. Ent. 38:651-654,
1945.

**INSECTS - POPULATIONS - EFFECT
OF DDT**

Tarzwel, U. S. Pub. Health Rpts. 62:
529-554, 1947.

INSECTS - POPULATIONS - GENETICS

b Dubinin, Genetics 31:21-38, 1946.

b Wright, Genetics 31:39-59, 1946.

INSECTS - POPULATIONS - KANSAS

Dean et al., Kans. Ent. Soc. J. 18:85-
99, 1945; 19:37-52, 1946; 20:41-58,
1947.

- INSECTS - POPULATIONS, AERIAL
i Chamberlin & Lawson, Mosq. News 5:4-7, 1945.
- INSECTS - PREY - FISH
i Innes, Goldfish Varieties & Water Gard.:117-123, 1947.
- INSECTS - PROTECTIVE COLORATION, see COLOR OF INSECTS, PROTECTIVE
- INSECTS - PROTOZOA
Krall & Decker, Iowa St. Col. J. Sci. 20:392, 1946.
bi Steinhaus, Ins. Microbiol.:462-554, 1946.
- INSECTS - REARING, see ENTOMOLOGICAL TECHNIQUE - REARING
- INSECTS - REMOVAL FROM EAR
i DeBoth, Mod. Household Encyclop.: 98, 1946.
- INSECTS - REPELLENTS, see REPELLENTS FOR INSECTS
- INSECTS - REPRODUCTION - SEX RATIOS
Flanders, Cal. Citrog. 30:267-268, 275, 1945.
- INSECTS - REPRODUCTION - SPERMATOPHOSES
bi Flanders, J. Ec. Ent. 38:323-327, 1945.
- INSECTS - RESISTANT PLANTS
Anderson, USDA R. Sec. f. 1946:144-145.
Annand, New Internatl. YB 1944:297, 1945.
Annand, USDA EPQ R. f. 1945/46:24-25; f. 1946/47:27-28.
Chamberlin & Fluke, Wis. Res. B. 159:6,8,13, 1947.
Haseman, Mo. St. Hort. Soc. Hort. News 5(2):4-5, 1945.
i McDowell, Tex. R. 58:26, 1946.
Packard et al., USDA YB f. 1943/47: 648-650.
Pyenson, Home Gard. (N. Y.) 8(6):23-24, 1946.
Whitcomb, Mass. B. 436:41, 1946.
b Wittwer & Haseman, Science 103: 331-332, 1946.
- INSECTS - RESISTANT PLANTS - ALFALFA
i Curry, N. Mex. R. 57:20-21, 1947?
Emery, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:83-85, 1946.
b Ham & Tysdal, Amer. Soc. Agron. J. 38:68-74, 1946.
Martin, N. J. R. 67:27, 1947?
Tysdal, USDA YB f. 1943/47:437.
- INSECTS - RESISTANT PLANTS - APPLE SEEDLINGS
Blake, N. J. St. Hort. Soc. Hort. News 26(1):1664, 1945.
- INSECTS - RESISTANT PLANTS - BARLEY
i Atkins & Dahms, USDA TB 901:17-28, 1945.
b Farstad & Platt, Sci. Agr. 26:216-224, 1946.
i McDowell, Tex. R. 58:26, 1946.
- INSECTS - RESISTANT PLANTS - BEANS
Gates, Neb. R. 58:61, 1945.
Gul, Ohio B. 659:112-113, 1945.
- INSECTS - RESISTANT PLANTS - CINCHONA
Plank & Winters, P. R. (Mayaguez) R. f. 1945:30, 1946.
- INSECTS - RESISTANT PLANTS - CORN
Clark & Hoveland, Wis. B. 472:38-40, 1947.
Clyburn, S. C. R. 59:90-93, 1947.
Deay, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:80, 1946.
Douglas, J. Ec. Ent. 40:661-664, 1947.
Eckhardt et al., Miss. B. 427, 10 p., 1946.
Houser, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:82-83, 1946.
Lininger et al., Pa. B. 480:50, 1946.
b Patch, J. Ec. Ent. 40:667-671, 1947.
Rothger, Md. Agr. Soc. R. 30:148-151, 1946.
b Walter & Brunson, Amer. Soc. Agron. J. 38:974-977, 1946.
Wildakas, N. Dak. Bimo. B. 7(4):29-31, 1945.
Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 33:84, 1946?
- INSECTS - RESISTANT PLANTS - COWPEAS
Dunavan & Hughes, S. C. R. 59:69, 1947.
- INSECTS - RESISTANT PLANTS - OATS
Atkins & Dahms, USDA TB 901:28-29, 1945.
- INSECTS - RESISTANT PLANTS - ONIONS
Jones, Iowa St. Hort. Soc. Trans. 82: 274, 1947.
- INSECTS - RESISTANT PLANTS - PEAS
Maltais, Assoc. Can.-Franç. Avanc. Sci. Ann. 11:107, 1945. (Abs.)
- INSECTS - RESISTANT PLANTS - PLANT HORMONES
b Allen, J. Ec. Ent. 40:814-817, 1947.
i Fisher et al., Wis. B. 469:31-32, 1946.
- INSECTS - RESISTANT PLANTS - POTATOES
Akeley, N. H. Hort. Soc. J. 9:80-81, 1946.
Brasher et al., Del. B. 259:24, 1945.
i Gardner et al., Amer. Potato J. 22: 97-103, 1945.
Lininger et al., Pa. B. 480:23-24, 1946.
Sleesman & Bushnell, Ohio B. 659:114-115, 1945.
- INSECTS - RESISTANT PLANTS - POTATOES, SEQUOIA
b Kulash, J. Ec. Ent. 40:654, 1947.
- INSECTS - RESISTANT PLANTS - SORGHUM
b Dahms, J. Ec. Ent. 40:841-845, 1947.
- INSECTS - RESISTANT PLANTS - SOYBEANS
Lininger et al., Pa. B. 475:19, 1945.
- INSECTS - RESISTANT PLANTS - SQUASH
Whitcomb, Mass. B. 441:37, 1947.
- INSECTS - RESISTANT PLANTS - SWEET CLOVER
Bird, Can. Ent. 70:9-10, 1947.

INSECTS - RESISTANT PLANTS - SWEETPOTATOES

Cockerham & Deen, J. Ec. Ent. 40: 439-441, 1947.

Cockerham et al., Assoc. South. Agr. Workers P. 44:122, 1947. (Abs.)

INSECTS - RESISTANT PLANTS - TEMPORARY IMMUNITY

bi Emery, J. Agr. Res. 73:33-43, 1946.

INSECTS - RESISTANT PLANTS - TREES

i Spurr et al., Harvard Univ. Harvard For. B. 22:27-39, 1947.

INSECTS - RESISTANT PLANTS - WHEAT

i Atkins & Dahms, USDA TB 901:10-17, 1945.

Callenbach & Hansmeyer, Mont. Ext. C. 164:1-3, 1945.

Cartwright, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:83, 1946.

bi Cartwright & Noble, J. Agr. Res. 75:147-153, 1947.

i Howard, Rotarian 71(1):14-16, 1947.

i Pratt, Can. Geog. J. 33:138-141, 1946.

Salter, USDA PISAE R. f. 1946/47:25.

INSECTS - RESPIRATION

i Hawboldt, Can. Ent. 79:95-96, 1947.

bi Maple, Cal. Univ. Pub. Ent. 8:26-30, 1947.

INSECTS - RESPIRATION & TEMPERATURE

b Edwards, J. Cell. & Compar. Physiol. 27(1) 53-64, 1946.

INSECTS - RESPIRATION & TOXICOLOGY

bi Graham, Roy. Soc. Can. Trans. 40 Sect. 5:41-76, 1946.

Patton et al., N. Y. (C.) R. 59:123-124, 1947.

Sun, Minn. TB 177:22-23, 1947.

INSECTS - SAND SPOOR

Milne & Milne, A Multitude of Living Things:245-246, 249-250, 1947.

INSECTS - SENSES

b Dethier, Chem. Ins. Attractants & Repellents:233-247, 1947.

bi Dethier, N. Y. Ent. Soc. J. 55:285-293, 1947.

i Lonert, Turtos News 25:21, 49, 1947.

INSECTS - SEROLOGICAL RELATIONSHIPS

bi Leone, Biol. Bul. 93:64-71, 1947.

INSECTS - SEX & WEIGHT

b Baldus, Ent. Soc. Amer. Ann. 40:576-587; 589-597, 1947.

INSECTS - SHIPPING

Gunther, Pract. Malar. Control:17, 1944.

James, USDA Misc. Pub. 631:30-31, 1947.

Oman & Cushman, USDA Misc. Pub. 601:25-26, 1946.

INSECTS - SHIPPING, see also PARASITES - SHIPPING

INSECTS - SHIPPING - PACKING EQUIPMENT

i Carpenter, J. Ec. Ent. 38:501, 1945.

i Carpenter, Amer. Mid. Nat. Monog. 3:20-21, 1946.

i Clark, USDA EPQ ET 221, 2 p., 1945.

INSECTS - SOIL TREATMENT

Bickerton, Fla. Grow. 55(7):8, 16, 1947.

INSECTS - SONIFICATION, see SONIFICATION OF INSECTS

INSECTS - SPECIES ERADICATION, see

INSECTS - STERILITY

Richards, Ent. News 58:261-263, 1947.

INSECTS - STRIDULATION, see SONIFICATION OF INSECTS

INSECTS - SURVEYS, see INSECT PEST SURVEYS

INSECTS - SYMBIONTS, see SYMBIOSIS

INSECTS - TAGGING, see ENTOMOLOGICAL TECHNIQUE - TAGGING

INSECTS - TAXONOMY, see ENTOMOL- OGY, TAXONOMIC

INSECTS - TESTIS - APICAL CELL

b Carson, J. Morph. 77:141-155, 1945.

INSECTS - THERAPEUTIC USE

b Weiss, N. Y. Ent. Soc. J. 53:246, 1945, 55:155-168, 1947.

INSECTS - THERAPEUTIC USE, see also APIS MELLIFERA - VENOM - THERAPEUTIC USE

INSECTS - TISSUES - STAINS

b Hershberger, Ohio J. Sci. 46:152-162, 1946.

INSECTS - TUMORS

i Scharrer, Soc. Expt. Biol. & Med. P. 60:184-189, 1945.

INSECTS - UTAH

bi Hayward, Great Basin Nat. 6:114-123, 1945.

INSECTS - VENOM

Harmon & Pollard, Bibliog. of Anim. Venoms, 340 p., 1948.

INSECTS - VENOM, see also APIS MELLIFERA - VENOM;

SCORPIONS - VENOM

INSECTS - WATER ABSORPTION FROM AIR

Govaerts & Leclercq, Sci. News Let. 49:312, 1946.

INSECTS - WINGS, see WINGS OF

INSECTS

INSECTS, FEAR OF, see ENTOMOPHOBIA

INSECTS, SOCIAL, see SOCIAL INSECTS

INSECTS, SOLITARY, see WASPS,

SOLITARY

INSECTS & ANIMAL DISEASE

Beaver, Gen. Biol. ed. 3:729, 1946.

Dykstra, Anim. Sanit. & Dis. Control rev.:128-134, 1946.

i Hutyrka et al., Sp. Path. & Ther. of the Dis. of Dom. Anim. Eng. ed. 5 v. 1:831-941; v. 3:304b, 313, 316-317, 610-726, 1946.

i Mönnig, Vet. Helminth. & Ent. ed. 3: 297-358, 1947.

i Seiden, Poult. Handb.: 85-86, 125, 200, 346-347, 1947.

INSECTS & ANIMAL DISEASE -

ANAPLASMOSIS

Sanders & Tissot, Fla. R. f. 1946/47: 61.

INSECTS & ANIMAL DISEASE - EN- CEPHALOMYELITIS, EQUINE

Brown, J. Infect. Dis. 81:49-50, 1947.

**INSECTS & ANIMAL DISEASE - EN-
CEPHALOMYELITIS, EQUINE--**
Continued.

b Kelsner, N. Y. Acad. Sci. Ann. 48:387-388, 1947.

INSECTS & ATMOSPHERIC PRESSURE
b Wellington, Can. J. Res. Sect. D 24:51-70, 1946.

INSECTS & DISEASE

Annard, USDA EPQ R. f. 1946/47:16-19.

Beaver, Gen. Biol. ed. 3:722-728, 1946.
b Bishopp, N. Y. Acad. Med. B. 21:561-567, 570, 573-580, 1945.

Bishopp, Pest Control & Sanit. 1(5):16, 1946.

bi Boyd, Prev. Med. ed. 7:90-91, 178, 264-294, 303-319, 327-328, 339-342, 1945.

b Faust, Amer. Sci. 33(1):21-31, 1945.
Gershenfeld, Bact. & All. Subjects 374-389, 1945.

b Getting, New Eng. J. Med. 232:315-321, 344-350, 373-378, 1945.

Hambridge, Harper's Mag. 190:264-268, 1945; Sci. YB 1946:184-192.

Hanson, Pests 14(8):10, 12, 14, 1946

Hedenburg, Milk Dealer 34(12):116, 1945, Certified Milk 20(233):7, 15-16, 1945.

Hedenburg, Pests 13(10):28, 1945.
bi Hull, Dis. Transmitted from Anim. to Man ed. 3:264-267, 279, 301-302, 304, 323-362, 388-465, 525-571 1947.

Humphreys, Can. Nurse 41:863-865, 1945.

Humphreys, Can. J. Compar. Med. 11:187-192, 1947.

Knipling, USDA YB f. 1943/47:632-642.

b McFarland, Human Factors in Air Transport Design:165-208, 1946.

i Manson-Bahr, Manson's Trop. Dis. ed. 12:942-998, 1945.

bi Moon et al., Mod. Biol.:316-324, 1947.

Olson, Amer. J. Pub. Health 36:1031-1034, 1946.

bi Palmer, Nature Mag. 38:417-424, 1945.

Pierce, Pest Control & Sanit. 1(3):18, 1946.

Rice, Textb. of Bact. ed. 4:301-304, 317, 321, 334-337, 364, 368, 410-414, 1947.

Shope, Pa. Univ. B. 48(3) (School Vet. Med. Vet. Ext. Quart. 108):5-8, 1947.

bi Simmons, Adv. Int. Med. 2:228-261, 1947.

Smillie, Pub. Health Adm. in U. S. ed. 3:73, 80-81, 133, 142, 174, 176-179, 209, 253-255, 438-439, 494-495, 1947.

Torres Muñoz, Medicina Rev. Mex. 27(536 sup.):118, 121-122, 1947.

b Vedder, Amer. J. Trop. Med. 25(1):6-9, 1945.

Williams, Ent. Soc. Manitoba P. 1:32-34, 1945.

bik Zelliff, Man. Med. Parasit. 82-108, 1947.

INSECTS & DISEASE, see also ENTO-

MOLOGY, MEDICAL; MYIASIS

INSECTS & DISEASE - ALLERGY

i Albert, Ent. News 58:57-59, 1947.
b Hartmann, Ann. Allergy 4:131-136, 1946.

b Jamieson, Ann. Allergy 4(2, i.e. 3):213-215, 1946.

b Obermayer, Arch. Dermat. & Syph. 51:396-397, 1945.

**INSECTS & DISEASE - ALLERGY, see
also INSECTS & DISEASE -
DERMATITIS**

INSECTS & DISEASE - CALIFORNIA
Hermes, Cal. Med. 67:95-99, 1947.

INSECTS & DISEASE - DERMATITIS
b Loubowe, Mil. Surg. 97:225-227, 231-232, 1945.

bi Nuñez Andrade, Medicina Rev. Mex. 21:45-51, 1946.

i Swarts & Wanamaker, Amer. Med. Assoc. J. 131:594-595, 1946.

**INSECTS & DISEASE - DERMATITIS,
see also CATERPILLARS &
URTICARIA, SCABIES**

**INSECTS & DISEASE - ENCEPHALITIS -
MINNESOTA**

b Eklund, Amer. J. Hyg. 43:181-193, 1946.

**INSECTS & DISEASE - ENCEPHALITIS
GROUP**

b Hammon & Reeves, Amer. J. Hyg. 46:326-335, 1947.

b Meyer & Eddie, Amer. Med. Assoc. J. 133:827-828, 1947.

**INSECTS & DISEASE - ENCEPHALO-
MYELITIS**

Fox & Fidler, Ill. Dept. Agr. R. 28:108, 1945.

INSECTS & DISEASE - FILARIASIS

b Knight, N. O. Med. & Surg. J. 97:406-419, 1945.

b Scott & Cross, Amer. J. Trop. Med. 26:849-855, 1946.

INSECTS & DISEASE - FLORIDA

b Madden, Fla. Ent. 28:1-7, 1945.

INSECTS & DISEASE - HAWAII

Van Zwaluwenburg, Plantation Health 10(1):27-30, 1946.

**INSECTS & DISEASE - INTERNATIONAL
ASPECTS**

Aldridge, U. S. Pub. Health Rpts. 62:1732-1738, 1947.

i Chapin, Pan Amer. Union B. 80:661-665, 1946.

Sawyer, Amer. J. Trop. Med. 25(1):1-4, 1945.

**INSECTS & DISEASE - MILITARY
IMPORTANCE**

Baxter, Sci. Against Time:302-320, 362-376, 1946.

Bishopp, Amer. J. Pub. Health 35:373-378, 1945.

b Bishopp, N. Y. Acad. Med. B. 21:572-576, 1945.

Bush, U. S. Off. Sci. Res. & Develop. Science...Rpt. to Pres.:46-47, 1945.

Galdston, Surv. Graphic 34(6):293-294, 1945.

i Hale, Ind. St. Bd. Health Mo. B. 48:131-132, 146, 1945.

Hermes, Cal. Mosq. Control Assoc. P. 14:100-103, 1946.

INSECTS & DISEASE - MILITARY IMPORTANCE--Continued.

- Hutzel, Mosq. News 6:36-37, 1946.
Hutzel, Sci. Month. 62:417-420, 1946.
Lapage, Mil. Surg. 97:23-29, 1945.
b Lubowe, Mil. Surg. 97:225-227, 231-232, 1945.
bi Schreuder & Sullivan, Air Surg. B. 2:67-68, 1945.

INSECTS & DISEASE - MYIASIS, see MYIASIS

INSECTS & DISEASE - OUTLOOK

- Bishopp, Pest Control & Sanit. 1(12): 14-15, 1946.

INSECTS & DISEASE - PLAGUE - ENGLISH LITERATURE

- b Twinn, Pests 13(11):14,16,18,20, 1945.
INSECTS & DISEASE - POLIOMYELITIS
b Pearson et al., Amer. J. Hyg. 41. 165-172,174-178,181,183,185-186,195, 198-199,203-206,208-209, 1945.
Robinson & Sweadner, Pa. Med. J. 48 1234,1236-1237, 1945.
Steinrock, Mosq. News 6:141-153, 1946.

INSECTS & DISEASE - PUBLIC HEALTH ASPECTS

- b Faust, Miss. Doctor 22:307-310, 1945.
Haber, Pa. Acad. Sci. P. 19 35-38, 1945.
i Taggart & Osmun, Pub. Works 77(11). 29-30,34, 1947.

INSECTS & DISEASE - Q FEVER

- Dingle et al., Amer. J. Hyg. 44:99, 101-102,131,153-154, 1946.

INSECTS & DISEASE - RAT-BOURNE DISEASES

- Schuhardt, Pests 13(11) 26, 1945. (Abs.)

INSECTS & DISEASE - RICKETTSIAL DISEASE

- bi Andrews & Link, Pests 15(1) 12,14, 16,18,20, 1947.
b Payne-Jones, R. I. Med. J. 30:423-430, 1947.
b Bird, Md. Univ. School Med. B. 29. Curbelo & Martínez, Médica (Matanzas, Cuba) 6:21-37, 1947.
bi Steinhaus, Ins. Microbiol.:256-347, 1946.

INSECTS & DISEASE - ROLE OF INSECTICIDES

- Bishopp, Dairy Farm. Digest 9:179, 1947.
Stone, Amer. Med. Assoc. J. 132:507-509, 1946.
i Zimmerman & Lavine, DDT - Killer of Killers:1-29, 1946.
U. S. Pub. Health Serv., Pan Amer. Union B. Ofc. Sanit. 26:772-775, 1947.

INSECTS & DISEASE - SALMONELLOSIS

- Varela & Olarte, Science 104:104-105, 1946.

INSECTS & DISEASE - SKIN DISEASES, see INSECTS & DISEASE - DERMATITIS

INSECTS & DISEASE - SPIROCHETOSIS

- bi Steinhaus, Ins. Microbiol.:451-461, 1946.

INSECTS & DISEASE - TROPICAL DISEASES

- Backus, Minn. Med. 29:227-234, 1946.
Knies, Ohio J. Sci. 46:219-222, 1946

INSECTS & DISEASE - TROPICAL DISEASES--Continued.

- McCoy, Amer. J. Trop. Med. 26:351-355, 1946.

- Reed, Cal. Med. 67:283-284, 1947.

- i Rice, Farmacéutico 22(10):34-36, (11):40-41,86, (12):40-42, 1946;

- 23(1):80-81,154, (3):60,62,92,94, 1947.

- b Rotkow, Iowa St. Med. Soc. J. 36:98-102, 1946.

INSECTS & DISEASE - TULAREMIA

- b Lang, M. S. C. Vet. 7:120-121,178, 1947.

- Little, Hygeia 25:837, 1947.

- McDermid, Wis. Conserv. Bul. 40(12): 10-11, 1946.

- b Pullen & Stuart, N. O. Med. & Surg. J. 98:126-127, 1945.

INSECTS & DISEASE - TYPHUS

- Beck & Van Allen, Amer. J. Hyg. 45. 336-337,345-346,349-352, 1947.

- b Stage & Knipling, Reunion Interamer. del Tifo Pub. Ofc. 1:275-285, 1947.

INSECTS & DISEASE - VIRUS DISEASES

- Burnet, Virus as Organism:33-35, 1945.

- Osorio Tafall, Ciencia 6:58,244-245, 252, 1945; 337-350, 1946.

- bi Steinhaus, Ins. Microbiol.:432-443, 1946.

INSECTS & DISEASE - WORLD WAR II

- U. S. Army Med. Dept. B. 5:613-614, 1946.

INSECTS & ELECTRICITY, see ELECTRICITY & INSECTS

INSECTS & FUNGI

- Lévesque, For. Québécoise 11:535, 1946.

- bi Steinhaus, Ins. Microbiol.:348-412, 1946.

- Wolfenbarger, Fla. R. f. 1946/47:248.

INSECTS & FUNGI, see also ENTOMOGENOUS FUNGI

INSECTS & FUNGI - YEASTS

- bi Steinhaus, Ins. Microbiol.:348-375, 1946.

INSECTS & HUMIDITY, see HUMIDITY & INSECTS

INSECTS & PLANT DISEASE

- b Hunt, Bot. Rev. 12:598,600-602,605-606,608,610-615,617-619, 1946.

- List, Rocky Mountain Conf. Ent. R. 18: 10, 1947.

- bi Severin et al., Hilgardia 16:337-350, 1945.

- Smith et al., in Hutchison, Cal. Agr.: 265-292,314-315, 1946.

- b Wilson & Baker, Phytopath. 36:425-426,430, 1946.

- bi Wolfenbarger, Amer. Mid. Nat. 35: 8-10,12,19-21, 1946.

- Young, Tex. C. 113:35-36,39, 1946.

INSECTS & PLANT DISEASE - CELERY YELLOWS

- Lauderdale, Ariz. St. Ent. R. f. 1945/46:16.

INSECTS & PLANT DISEASE - CRANBERRY FALSE BLOSSOM

- b Kunkel, Phytopathology 35:805,815-821, 1945.

**INSECTS & PLANT DISEASE - DUTCH
ELM DISEASE**

Annand, USDA EPQ R. f. 1945/46:13.
Parr & Baker, USDA EPQ E-667, 7 p.,
1945.

**INSECTS & PLANT DISEASE - FIRE
BLIGHT**

Hilderbrand, N. Y. (G.) Farm Res.
11(2):9-10, 1945.

Sherwood, W. Va. Ext. C. 320 rev.:
57-59, 1946.

**INSECTS & PLANT DISEASE - LEAF
RUST OF WHEAT**

b Chester, Nature & Prev. of Cereal
Rusts:27,28,47,51,58,64,74,91,139-
140,164-165,177,196,217,227-228,
1946.

**INSECTS & PLANT DISEASE - LITTLE
CHERRY**

Blodgett et al., Wash. St. Hort. Assoc.
P. 43:235-237, 1947.

Eastham, B. C. Dept. Agr. R. 40:V71,
1946, 41:W96, 1947.

**INSECTS & PLANT DISEASE - MOSAIC
OF BEET**

Pound, J. Agr. Res. 75:37,40-41, 1947.

**INSECTS & PLANT DISEASE - MOSAIC
OF GLADIOLUS**

Ryan, Flor. Rev. 99(2570):35, 1947.

**INSECTS & PLANT DISEASE - MOSAIC
OF PEACH**

Annand, New Internatl. YB 1944:297-
298, 1945.

Annand, USDA EPQ R. f. 1945/46:25,
40-41; f. 1946/47:28.

Jensen, Blue Anchor 24(4):24, 1947.

Richmond et al., Cal. Dept. Agr. Sp.
Pub. 209:49-54, 1945.

Stout, Cal. Dept. Agr. B. 33:276-279,
1945.

**INSECTS & PLANT DISEASE - MOSAIC
OF POTATO**

Henderson, West. Colo. Hort. Soc.
Trans. f. 1946:30-35, 1947.

**INSECTS & PLANT DISEASE - MOSAIC
OF SUGARCANE**

Ingram et al., Sugar J. 9(11):23, 1947.

**INSECTS & PLANT DISEASE - MOSAIC
OF WHEAT**

b Johnson, Ohio J. Sci. 45:125-128,
1945.

**INSECTS & PLANT DISEASE - PHLOEM
NECROSIS OF ELM**

Annand, USDA EPQ R. f. 1944/45:25-
26; f. 1945/46:42-43,54; f. 1946/47:15.

Bretz et al., Natl. Shade Tree Conf. P.
21:27-28, 1945.

Livingston, Neb. R. 59:49, 1946.

Selfert, Ill. Dept. Agr. R. 28:166, 1945.

**INSECTS & PLANT DISEASE - PHONY
PEACH**

Annand, New Internatl. YB 1944:297-
298, 1945.

Annand, USDA EPQ R. f. 1944/45:25;
f. 1945/46:40-41.

Selfert, Ill. Dept. Agr. R. 28:173, 1945.

**INSECTS & PLANT DISEASE - PIERCE'S
DISEASE OF GRAPEVINES**

Freitag et al., Wine Rev. 13(2):20,22,
28, 1945.

Jacob et al., Cal. Ext. C. 116 rev.:64,
1947.

**INSECTS & PLANT DISEASE - PIERCE'S
DISEASE OF GRAPEVINES--Con-
tinued.**

McComb, Cal. Fruit & Veg. Rev. 6(1):
21, 1945.

**INSECTS & PLANT DISEASE - QUICK
DECLINE OF ORANGE**

Batchelor & Wallace, Cal. Citrog. 32:
563-564, 1947.

Dickson & Johnson, Cal. Citrog. 32:
159-162, 1947.

Dickson & Johnson, Cit. Leaves 27(1):
6-7, 1947.

**INSECTS & PLANT DISEASE - STUNT
OF BLUEBERRY**

Tomlinson, Cranberries 10(12):11,
1946.

**INSECTS & PLANT DISEASE - VIRUS
DISEASE**

Brierly & Smith, Flor. Rev. 99(2567):
31-33, 1947.

bi Cook, Viruses & Virus Dis. of
Plants:156-181, 1947.

Davis, Oreg. St. Hort. Soc. R. 38:29,
1946.

b Jensen, Hawaiian Ent. Soc. P. 12:
535-610, 1946.

Salter, USDA PISAE R. f. 1946/47:19.

bi Steinhaus, Ins. Microbiol.:443-449,
1946.

i Wallace, Cal. Citrog. 32:182,194-196,
1947.

**INSECTS & PLANT DISEASE - VIRUS
DISEASE OF FRUIT**

Coe, Iowa St. Hort. Soc. Trans. 80:
111-115,118, 1945.

Rasmussen et al., Mich. Ext. B. 154
rev.:36, 1945.

**INSECTS & PLANT DISEASE - VIRUS
DISEASE OF ORNAMENTAL
PLANTS**

Smith, Ent. Soc. Wash. P. 49:173-174,
1947. (Abs.)

**INSECTS & PLANT DISEASE - VIRUS
DISEASE OF PAPAYA**

bi Adsuar, P. R. (Rfo Piedras) Tech.
Paper 1:1; 2.5 p.; 4:7-8,10-11, 1946.

**INSECTS & PLANT DISEASE - VIRUS
DISEASE OF POTATO**

Steinweden, Cal. Dept. Agr. B. 34:179,
1946.

**INSECTS & PLANT DISEASE - VIRUS
DISEASE OF SMALL FRUITS**

Winter, Ohio St. Hort. Soc. P. 78:160-
164, 1945.

**INSECTS & PLANT DISEASE - WILT OF
PINEAPPLE**

bi Carter, Phytopathology 35:305-323,
1945.

INSECTS & PLANT NUTRITION

i Haseman, In Succ. Farm., That Soil
of Yours:42-43, 1947.

Hixson et al., Neb. B. 60:52-53, 1947.

Packard, Amer. Assoc. Ec. Ent. No.
Cent. Sts. Branch P. 2:81, 1947.

Stone, Amer. Assoc. Ec. Ent. No.
Cent. Sts. Branch P. 2:80-81, 1947.

**INSECTS & PLANT NUTRITION - NU-
TRIENT SOLUTIONS**

b Dahms, J. Ec. Ent. 40:841-845, 1947.
Isely, Ark. B. 462:14-16,18,27, 1946.

INSECTS & PLANT NUTRITION - SOIL MINERALS

Anand, USDA EPQ R. f. 1944/45:26.
Haseaman, J. Ec. Ent. 39:8-11, 1946.

INSECTS & POLLINATION

1 Strausbaugh & Welmer, Gen. Biol. ed. 2:266-269, 1947.

Talbert, Gen. Hort.:305,414, 1946.

Vansell, USDA C. 650 rev.:5-10,29, 1947.

1 Weatherwax, Plant Biol. ed. 2:360-370, 1947.

INSECTS & POLLINATION, see also APIS MELLIFERA & POLLINATION; BEES & POLLINATION

INSECTS & POLLINATION - ALFALFA

Drake, Iowa Dept. Agr. YB 47:141-146, 149-151, 1947.

Grandfield & Throckmorton, Kans. B. 328:59-60, 1945.

b Linsley, J. Ec. Ent. 39:18-28, 1946.

Salter, USDA PISAE R. f. 1944/45:17.

INSECTS & POLLINATION - CHESTNUTS

Reed, North. Nut Grow. Assoc. R. 37: 55, 1947.

INSECTS & POLLINATION - FRUIT

Dunham, Ohio Bimo. B. 30:46, 1945.

INSECTS & POLLINATION - GUAYULE

bl Gardner, Amer. Soc. Agron. J. 39: 224-233, 1947.

INSECTS & POLLINATION - KOK- SAGHYZ

Whaley & Bowen, USDA Misc. Pub. 618:37,104, 1947.

INSECTS & POLLINATION - ORCHARD

Hayes et al., Wash. St. Hort. Assoc. P. 42:303-304, 1946.

INSECTS & POLLINATION - ORCHIDS

Swezey, Hawaiian Ent. Soc. P. 12:397-402, 1945.

INSECTS & POLLINATION - SUGAR BEETS

Stewart, Amer. Soc. Sugar Beet Technol. P. 4:256-258, 1947.

INSECTS & SEED PRODUCTION - ALFALFA

1 Drake, Iowa Dept. Agr. YB 47:131-147,149-157, 1947.

b Tysdal, Amer. Soc. Agron. J. 38:515-535, 1946.

Wilsie, Iowa R. f. 1946/47 pt. 1:84-85.

INSECTS & SEED PRODUCTION - CLOVER

Drake, Iowa Dept. Agr. YB 47:147-149, 1947.

INSECTS & SEED PRODUCTION - LEGUMES

Tysdal, Ent. Soc. Wash. P. 49:95, 1947. (Abs.)

INSECTS & SOCIAL COOPERATION

Emerson, Ill. St. Acad. Sci. Trans. 39: 13-14, 1946.

INSECTS & TEMPERATURE, see TEM- PERATURE & INSECTS

INSECTS & TEXTILE DESIGNS

1 Nature Mag. 39:31-32, 1946.

INSECTS & WEATHER, see WEATHER & INSECTS

INSECTS AS FISH BAIT

Dalrymple, Panfish:39,44,109,154-160,163,165,178,201-202,222,251, 255,293,333, 1947.

1 Prather, Ala. Conserv. 17(10):5,14, 1946.

Ransom, Fishing's Just Luck:53, 1945.

1 Tulenko, Pa. Angler 14(11):4, 1945.

1 Wetzel, Pract. Fly Fishing ed. 2: 129-229, 1945.

INSECTS AS FOOD

bl Bachstesz 8 Aragon, Amer. Pharm. Assoc. J. Sci. ed.:34:170-172, 1945.

bl Brues, Ins. Dietary:399-439, 1946.

Hoffmann, Ent. Soc. Wash. P. 49:233-237, 1947.

1 Sharsmith, Yosemite Nature Notes 25:128-129, 1946.

Swanson, Fauna 9:73, 1947.

Uvarov, Smithsn. Inst. R. f. 1944:335, 1945.

INSECTS AS FOOD OF BATS

Heppenstall, Pa. Game News 16(11): 13,27, 1946.

INSECTS AS FOOD OF BIRDS, see BIRDS & INSECTS

INSECTS AS FOOD OF CATS

Cuthbert & Cuthbert, Ent. News 56: 143, 1945.

Knowlton, Bklyn. Ent. Soc. B. 41:18-19, 1946.

INSECTS AS FOOD OF FISH, see FISH - INSECT FOOD

INSECTS AS FOOD OF FROGS

Jameson, Copela 1947(3):212, 1947.

INSECTS AS FOOD OF LIZARDS

Cowles, Sci. News Let. 49:382, 1946.

Fautin, Ecol. Monog. 16:289-293, 1946.

Knowlton & Nye, J. Ec. Ent. 39:546-547, 1946.

Knowlton et al., J. Ec. Ent. 39:382-383, 1946.

INSECTS AS FOOD OF OPOSSUMS

Taube, J. Wildlife Mangt. 11:100, 1947.

INSECTS AS FOOD OF POULTRY

Baker et al., Wash. B. 497:32, 1947.

Wickware, Can. J. Compar. Med. 9: 80-81, 1945.

INSECTS AS FOOD OF RACCOONS

Baker et al., J. Wildlife Mangt. 9(1): 46-48, 1945.

INSECTS AS FOOD OF SALAMANDERS

Farner, Copela 1947(4):259,261, 1947.

Park, Chicago Acad. Sci. B. 8:102-103, 115, 1947.

INSECTS AS FOOD OF TOADS

1 Abbott, Nat. Hist. 54:113-117, 1945.

Bartlett, Chemurg. Digest 6:62, 1947.

Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44:17, 1945.

Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:536, 1946.

INSECTS AS HOSTS OF POULTRY PARASITES

1 Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:199-200,203-204,213, 215,218-220,222-223, 1947.

INSECTS AS PETS

i Pettit, Book of Nature Hobbies:128-134, 1947.

INSECTS OF THE BIBLE

Darling, Fauna 8:117, 1946.
Zimmerman, Hawaiian Acad. Sci. P. 22:10-11, 1947. (Abs.)

INSECTS ON BOTANICAL SPECIMENS

Howard, Rhodora 49:286-288, 1947.

INSECTS vs. MAN

i Albee, DuPont Mag. 39(3):2-5,24, 1945.
Bishopp, USDA YB f. 1943/47:613-615.
Carter, Sci. Digest 22(4):1-5, 1947.
b Duncan, Pan-Pac. Ent. 23:1-10, 1947.
Harding, Med. Rec. 159:134-136, 1946.
Murrill, Guide to Fla. Anim:91-93, 1945.
Park, Science 102:389-390, 1945.
Thone, Pests 15(7):34, 1947.

INSIDIOUS FLOWER BUG, see ORIUS

INSIDIOUS SAYS

INSPECTION

Annand, Southeast. Cotton Ins. Control Conf. R. P. 1:8-9, 1947.
French, Va. Dept. Agr. B. 441:8-9, 1945; 447:9-10, 1946.
Pierce, N. Amer. Glad. Council B. Mar. 1946, p. 7,24,26,28.
Ill. Dept. Agr., The Ins. Pest & Plant Dis. Act, 11 p., 1946.

INSPECTION - AIRCRAFT

Anderson, USDA R. Sec. f. 1946:145-146.
Annand, USDA EPQ R. f. 1943/44:52; f. 1944/45:60-61; f. 1945/46:59-61; f. 1946/47:67-68.
Cooley, J. Ec. Ent. 40:130-132, 1947.
Faxon, Hawaiian Ent. Soc. P. 12:299-300, 1945.
Hunt, Cal. Dept. Agr. B. 33:273, 1945.
Messenger, Cal. Dept. Agr. B. 34:209, 1946.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:72-73.
Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44:20, 1945.
Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45:20-21, 1946.

USDA EPQ SRA 166:46-49, 1947.

INSPECTION - APIARY

Alden, Ga. Dept. Ent. B. 87:10-11, 1945; 89:12-13, 1946; 90:11-12, 1947.
Amos, Tenn. Dept. Agr. Bien. R. f. 1944/46:74-76.
Anderson, La. Comnr. Agr. & Immigr. Bien. R. 32:96-97, 1946.
Black, Oreg. Dept. Agr. Bien. R. f. 1944/46:45-49.
Buchholz, N. Y. Dept. Agr. & Mkts. R. f. 1944:115-121, 1945; f. 1945:134-137, 1947; f. 1946/47:129-132.
Everson, S. Dak. Dept. Agr. R. f. 1944/45:29-32.
Foster, Fla. St. Plant Bd. Bien. R. 16:34-38, 1946.
Gwin, Wis. Dept. Agr. B. 274:34-36, 1946.

INSPECTION - APIARY--Continued.

Houston et al., South.*Beekeeper 1(3):12-14, 1947.
Kellogg, Ida. Dept. Agr. Bien. R. 14:18, 1947?
Kenney, Utah Bd. Agr. Bien. R. 12:35, 1946? 13:55-56, 1947?
Kirk, Pa. Beekeeper 20(1):4-7, 1945.
Paddock, Iowa Dept. Agr. YB 45:108-111, 1945; 46:200-212, 1946; 47:158-170, 1947.
Painter, Maine Dept. Agr. Bien. R. f. 1944/46:63-64.
Records, Nev. St. Apiary Comn. Bien. R. f. 1944/46, 6 p.
Reese, Ohio Dept. Agr. Bien. R. f. 1945/46:36-38, 1947.
Stearns & Jones, Vt. Comnr. Agr. Bien. R. 23:9, 1946.
Weiss, N. J. Dept. Agr. R. 30:186-188, 1945; 31:157-159, 1946; 32:153-156, 1947.

INSPECTION - APIARY - ARIZONA

Grant, Ariz. St. Ent. R. f. 1946/47:21-22.
Lauderdale, Ariz. St. Ent. R. f. 1944:6-7, 1945; f. 1945/46:28-29.

INSPECTION - APIARY - CALIFORNIA

Krebs, Amer. Bee J. 85:323, 1945.
Krebs, Cal. Dept. Agr. B. 33:253-257, 1945; 34:191-195, 1946; 35:210-213, 1947.

Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:19; f. 1945/46:30, f. 1946/47:33.

INSPECTION - APIARY - CANADA

Christie, Ont. Agr. Col. & Expt. Farm R. 70:45-46, 1945.
Munro, B. C. Dept. Agr. R. 40:V17, 1946.
Payne, N. S. Dept. Agr. R. f. 1943/44:124-125, 1945.
Pugh, Saskatch. Dept. Agr. R. 40:108-109, 1945; 41:111-112, 1946.
Reek, Ont. Agr. Col. & Expt. Farm R. 71:31,54, 1946.
Turnbull, B. C. Dept. Agr. R. 41:W35-W36, 1947.

INSPECTION - APIARY - COLORADO

Gates, Cal. Dept. Agr. Sp. Pub. 209:22-23, 1945.
Gates, Colo. Bur. Plant & Ins. Control R. f. 1945/46:36-38.

INSPECTION - APIARY - CONNECTICUT

Slate, Conn. R. f. 1944/45:24; f. 1945/46:13.
Slate, Conn. B. 484:66, 1945.
Zappe, Conn. B. 488:313-316, 1945; 501:23-26; 512:23-24, 1946.

INSPECTION - APIARY - ILLINOIS

i Killion, Ill. Dept. Agr. R. 28:59-61, 1945; 29:98-103, 1946; 30:114-120, 1947.

i Killion et al., Ill. St. Beekeepers' Assoc. R. 43/44:44-64,150-163, 1945? 45/46:41-45,95-107, 1947?

INSPECTION - APIARY - KANSAS

Parker, Kans. St. Bd. Agr. Bien. R. 34:151-152, 1945.
Parker, Kans. Ent. Comn. Bien. R. 20:21-26, 1946.

- INSPECTION - APIARY - MICHIGAN
Barrett, Beekeepers Mag. 7(9):9,11, 1945.
i Figy, Mich. St. Dept. Agr. Bien. R. 11:65-70, 1945; 12:73-79, 1947.
- INSPECTION - APIARY - MONTANA
Mills et al., Mont. B. 425:25-28, 1945; 442:18-21, 1946.
Schmiedeskamp, Mont. Acad. Sci. P. 6:24-25, 1946.
- INSPECTION - APIARY - NEBRASKA
i Gates, Neb. Dept. Agr. & Insp. Bien. R. f. 1945/47 41-43.
Schrage, Neb. Dept. Agr. & Insp Bien R. 1940/44:139-153, 1945.
- INSPECTION - APIARY - RHODE ISLAND
i Eddy, R. T. Dept. Agr. & Conserv. R. 10 51-53, 1945.
Knutson, R. I. Dept. Agr. & Conserv. R. 12 48-49, 56, 1947.
Leaver, R. I. Dept. Agr. & Conserv. R. 11 39, 1946.
- INSPECTION - APIARY - VIRGINIA
French, Va. Dept. Agr. & Immigr. R. f. 1944/45:60-61, f. 1945/46 48,56-58.
French, Va. Dept. Agr. & Immigr. B. 456:9-10, 459:10-11, 1947.
Walker, Va. Dept. Agr. B. 445 5-6, 1946.
- INSPECTION - BORDER
Hunt, Cal. Dept. Agr. B. 33 271-272, 1945.
Messenger, Cal. Dept. Agr. B. 34:209-210, 1946, 35:224-225, 1947.
- INSPECTION - BORDER, MEXICAN
Annand, USDA EPQ R. f. 1943/44:53. f. 1944/45:61, f. 1945/46:60-61, f. 1946/47:68-69.
- INSPECTION - BUILDINGS
Gray, Pest Control & Sanit. 2(2):16-17, 1947.
Hodel, Pest Control & Sanit. 2(5):12-14, 1947.
Miller, Pests 13(7):18, 1945.
- INSPECTION - CALIFORNIA
Armitage et al., Cal. Dept. Agr. Sp. Pub. 209, 126 p., 1945.
Kinsley, Pest Control & Sanit. 1(12):15, 1946.
Messenger, Cal. Dept. Agr. B. 34:211-212, 1946; 35:227-229, 1947.
Ryan, Cal. Citrog. 32:546-547, 1947.
- INSPECTION - CANADA
Gardiner, Can. Min. Agr. R. f. 1944/45:68-70; f. 1945/46:17-18,83-85; f. 1946/47:101-102.
Mercier, Quebec Min. Agr. R. f. 1946/47:18-20, 1948.
- INSPECTION - CARGO
Annand, USDA EPQ R. f. 1943/44:51; f. 1945/46:58.
- INSPECTION - CHRISTMAS TREES
Annand, USDA EPQ R. f. 1944/45:54, 1946; f. 1946/47:80.
i Figy, Mich. St. Dept. Agr. Bien. R. 11:108-109, 1945; 12:131-132, 1947.
- INSPECTION - CITRUS - TEXAS
Annand, USDA EPQ R. f. 1943/44:28.
- INSPECTION - COTTON TRASH
Annand, USDA EPQ R. f. 1944/45:38-39.
- INSPECTION - DISTRICT OF COLUMBIA
Annand, USDA EPQ R. f. 1943/44:53-54, f. 1944/45:62.
- INSPECTION - EXPORTS
Annand, USDA EPQ R. f. 1944/45:63; f. 1945/46:62; f. 1946/47:71.
- INSPECTION - FLORIDA
McClanahan, Fla. St. Plant Bd. Bien. R. 16:28-33, 1946.
Merrill, Fla. St. Plant Bd. Bien. R. 16:25-27, 1946.
- INSPECTION - FOREST PRODUCTS
Annand, USDA EPQ R. f. 1943/44:35-37.
- INSPECTION - GRAIN WAREHOUSE
Wolcott, Cal. Dept. Agr. B. 33:306-307, 1945, 34:250-251, 1946, 35:262-263, 1947.
- INSPECTION - GREENHOUSES
Seifert, Ill. Dept. Agr. R. 29:216, 1946.
- INSPECTION - HAWAII
Annand, USDA EPQ R. f. 1943/44:53, f. 1944/45:61, f. 1945/46:61, f. 1946/47:69.
Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1943/44:51-53; 1945, f. 1944/46:34-36,43.
- INSPECTION - HIGHWAY
Annand, USDA EPQ R. f. 1943/44:31, f. 1944/45:52-53, f. 1945/46:50.
Hunt, Cal. Dept. Agr. B. 33:273, 1945.
Messenger, Cal. Dept. Agr. B. 34:210-211, 1946.
- INSPECTION - HOME SERVICE
Evans, Ariz. St. Ent. R. f. 1946/47:17.
Lauderdale, Ariz. St. Ent. R. f. 1944:4-5, 1945, f. 1945/46:15.
- INSPECTION - INSECTICIDES, see INSECTICIDES - INSPECTION
- INSPECTION - INTERSTATE SHIPMENTS
Thompson, USDA Misc. Pub. 80 rev., 116 p., 1946.
- INSPECTION - MAIL SHIPMENTS
Annand, USDA EPQ R. f. 1943/44:50; f. 1945/46:57.
- INSPECTION - MICHIGAN
Weiss, N. J. Dept. Agr. R. 29:136-139, 1944.
- INSPECTION - NURSERY
Alden, Ga. Dept. Ent. B. 87:7, 1945; 88:20-24; 89:6-12, 1946; 90:11, 1947.
Anderson, La. Comnr. Agr. & Immigr. Bien. R. 32:87-94, 1946.
Annand, USDA EPQ R. f. 1943/44:31-33,46; f. 1944/45:43-44,48,52-53; f. 1945/46:40-41,46.
Brown, Cit. Ind. 27(4):5,17,20, 1946.
Buchholz, N. Y. Dept. Agr. & Mkts. R. f. 1944:98-102, 1945; f. 1945:121-126, 1947; f. 1946/47:149-154.
Chambers, Wis. Dept. Agr. B. 274:73-77, 1946.
Douglass, Mo. St. Dept. Agr. Bien. R. f. 1945/47:37-39.

INSPECTION - NURSERY—Continued.

- Drake et al., Iowa Dept. Agr. YB
45:82-83, 1945; 46:161-164, 1946;
47:107-109, 1947.
Gates, Neb. Dept. Agr. & Insp. Bien.
R. 1940-1944:74-78, 1945.
Goodwin, Fla. St. Plant Bd. Bien. R.
16:22-24, 1946.
Kellogg, Ida. Dept. Agr. Bien. R. 14:
18, 1947?
Painter, Maine Dept. Agr. Bien. R. f.
1944/46:61-62.
Rings, Ohio Dept. Agr. Bien. R. f.
1945/46:42, 1947.
i Selfert, Ill. Dept. Agr. R. 28:163-173,
1945; 29:206-209, 1946, 30:219-221,
1947.
Wallace, Ind. YB 28:930, 1945?; 31.
701-704, 1948?
Weiss, N. J. Dept. of Agr. R. 30:177,
1945; 31:141-143, 1946; 32:145-147,
1947.

INSPECTION - NURSERY - ARIZONA

- Lauderdale, Ariz. St. Ent. R. f. 1944.
10-11, 1945.
Mendenhall, Ariz. St. Ent. R. f.
1945/46:12-13.
Parker, Ariz. St. Ent. R. f. 1946/47:
16.

INSPECTION - NURSERY - CALIFORNIA

- Hewitt, Cal. Dept. Agr. B. 33:258-262,
1945; 34:196-199, 1946; 35:213-217,
1947.
Ryan, Los Angeles Co. Cal. Agr.
Comnr. R. f. 1944/45:5; f. 1945/46:
3,10; f. 1946/47:6-7.
Stout, Cal. Dept. Agr. B. 33:276-279,
1945.

INSPECTION - NURSERY - CANADA

- Dow, USDA EPQ SRA 163:23, 1945.
Robertson, B. C. Dept. Agr. R. 41:
W89, 1947.

INSPECTION - NURSERY - COLORADO

- Gates, West. Colo. Hort. Soc. Trans.
f. 1945:50-51, 1946.
Gates et al., Colo. Bur. Plant & Ins.
Control R. f. 1945/46, 48 p.

INSPECTION - NURSERY - CONNECTI-
CUT

- Slate, Conn. B. 484:66-67, 1945.
Slate, Conn. R. f. 1944/45:23-24; f.
1945/46:13.
Zappe, Conn. B. 488:308-311, 1945;
501:17-20, 1946.
Zappe, Conn. C. 163, 41 p., 1946.
Zappe & DeVaux, Conn. B. 512:17-19,
1946.

INSPECTION - NURSERY - KANSAS

- Hungerford, Kans. St. Bd. Agr. Bien.
R. 34:150, 1945.
Smith, Kans. Ent. Comn. Bien. R. 20:
27-39, 1946.
Yapp, Kans. Ent. Comn. Bien. R. 20:
10, 1946.

INSPECTION - NURSERY - KENTUCKY

- Cooper, Ky. R. 57:52, 1945; 58:52-53,
1946; 59:50, 1947.
Price & Tilson, Ky. Regulat. B. 44,
11 p., 1945; 50, 19 p., 1946; 56, 24 p.,
1947.

INSPECTION - NURSERY - MICHIGAN

- Boyer, Mich. Dept. Agr. Nursery Insp.
B. 56 rev., 63 p., 1946; 57, 69 p.,
1947.

- Figy, Mich. St. Dept. Agr. Bien. R.
11:87-91, 93, 1945; 12:108-116, 1947.

INSPECTION - NURSERY - OREGON

- Davis, Oreg. Dept. Agr. Bien. R. f.
1944/46:43-45.
i Roaf, Oreg. Dept. Agr. B. 148:7-8,
1945.

INSPECTION - NURSERY - RHODE
ISLAND

- Eddy, R. I. Dept. Agr. & Conserv. R.
10:54-57, 1945.
Knutson, R. I. Dept. Agr. & Conserv.
R. 12:50-52, 1947.
Leaver, R. I. Dept. Agr. & Conserv. R.
11:40-41, 1946.

INSPECTION - NURSERY - SOUTH
DAKOTA

- Ausman, S. Dak. Dept. Agr. R. f.
1945/46:18-22.
Everson, S. Dak. Dept. Agr. R. f.
1944/45:22-28.

INSPECTION - NURSERY - TENNESSEE

- i Bentley, Tenn. Dept. Agr. Bien. R.
f. 1944/46:122-134.
Bentley, Tenn. Dept. Agr. Div. Ins. &
Plant Dis. Control B. 93 (v. 26,
no. 3), 22 p., 1945, 95 (v. 27, no. 1),
25 p., 1946; 97 (v. 27, no. 3), 30 p.,
1947.

INSPECTION - NURSERY - VIRGINIA

- French, Va. Dept. Agr. & Immigr. R.
f. 1944/45:51-54; f. 1945/46:47-51.
French, Va. Dept. Agr. & Immigr. B.
449:9, 1946.

INSPECTION - NURSERY - WEST
VIRGINIA

- McLaughlin, W. Va. Dept. Agr. B. n. s.
46:16-19, 1945.
McLaughlin, W. Va. Dept. Agr. Bien.
R. 17:64-65, 1946.

INSPECTION - ORCHARDS

- Figy, Mich. St. Dept. Agr. Bien. R. 11:
91-92, 1945; 12:118-120, 1947.
Wilson, N. S. Fruit Grow. Assoc. R.
84:22-23, 25-27, 1947.

INSPECTION - ORCHARDS - KANSAS

- Calkins, Kans. Ent. Comn. Bien. R.
20:15-20, 1946.
Hungerford, Kans. St. Bd. Agr. Bien.
R. 34:150, 1945.
Yapp, Kans. Ent. Comn. Bien. R. 20:
5-11, 1946.

INSPECTION - PLANT-INTRODUCTION
& PROPAGATING GARDENS

- Annand, USDA EPQ R. f. 1943/44:54,
1945; f. 1945/46:61-62, 1947.
f. 1946/47:70.

INSPECTION - PARCEL-POST

- Annand, USDA EPQ R. f. 1943/44:52-
53; f. 1944/45:60-61; f. 1945/46:60;
f. 1946/47:68.

- Faxon, Hawaiian Ent. Soc. P. 12:298-
299, 1945.

INSPECTION - PORT

- Annand, USDA EPQ R. f. 1943/44:51; f.
1944/45:58-59; f. 1945/46:57-58.

- INSPECTION - PORT--Continued
Brown, Fla. St. Hort. Soc. P. 60 77-80, 1947.
Leonard, N. Y. Ent. Soc. J. 55 215-217, 1947.
Messenger, Cal. Dept. Agr. B. 34 206-209, 1946, 35:222-224, 1947.
Osborn, Cal. Dept. Agr. B. 33 252-253, 1945.
- INSPECTION - PORT - MILITARY FORCES
Gross, USDA EPQ SRA 162.16, 1945.
U. S. Navy BUMED News Let 6(11) 23-24, 1945.
- INSPECTION - PUERTO RICO
Annand, USDA EPQ R. f. 1943/44 53, f. 1944/45 61, f. 1945/46 61, f. 1946/47-69.
Catoni, P. R. Agr. y Com. Inform. f. 1943/44-38-40, 1945, f. 1944 45 22-23, 1946, f. 1945/46 89-98, 1947, f. 1946 47 28-29, 1947.
- INSPECTION - TERMINAL
Annand, USDA EPQ R. f. 1944/45 58
Lauderdale, Ariz. St. Ent. R. f. 1944 4, 1945, f. 1945/46 7-8.
Mendenhall, Ariz. St. Ent. R. f. 1946 47 12-15
Wentzel, Cal. Dept. Agr. Sp. Pub. 209 113-116, 1945.
USDA EPQ SRA 161 115, 1945, 166 98, 1947, 167 18, 1947.
- INSPECTION - TERMINAL - ARIZONA
USDA EPQ SRA 164 43-48, 1945
- INSPECTION - TERMINAL - LOUISIANA
USDA DPQ SRA 162:16, 1945.
- INSPECTION - TERMINAL - OREGON
USDA EPQ SRA 163 32-35;164:43-48, 1945.
- INSPECTION - TRANSFER POINTS
Annand, USDA EPQ R. f. 1945/46 57
- INSPECTION - TRANSIT
Annand, USDA EPQ R. f. 1943/44.50, f. 1944/45:58.
- INSPECTION - ROADSIDE
Lauderdale, Ariz. St. Ent. R. f. 1944 2-4, 1945.
Mendenhall, Ariz. St. Ent. R. f. 1945/46:4-6, 1946/47:9-10.
- INSPECTION - STRAWBERRY PLANTS
Clark & Zeller, Oreg. Ext. C. 483,5 p., 1946.
- INSPECTION - VEHICULAR
Annand, USDA EPQ R. f. 1944/45:54.
- INTERMOUNTAIN POTATO LEAF-HOPPER, see EMPQASCA FILAMENTA DeLong
- *INTRODUCED PINE SAWFLY, see DIPRION SIMILE (Htg.)
- *IO MOTH, see AUTOMERIS IO (F.)
- IPHIDULUS POMI (Parrott)
Keifer, J. Ec. Ent. 39:564, 1946.
- IPIMORPHA SUBVEXA Grote
Manson et al., Can. Ins. Pest Rev. 24: 104, 1946.
- IPOBRACON sp.
Annand, USDA EPQ R. f. 1945/46:22.
Plank & Bartlett, P. R. (Mayaguez) R. f. 1945:39, 1946.
- IPOBRACON AMABILIS (Brethes)
Annand, USDA EPQ R. f. 1944/45:23.
- IPS Deg.
Biggar, For. Situation in Cal. 32-36, 1945.
Connaughton, USDA FS South. For. Expt. Sta. R. 26 45-46, 60-61, 1946.
Flory et al., S. C. Ext. B. 107.26-27, 1947. (Repr.)
1 Sand & Bryan, USDA FB 1989 29-30, 1947.
- IPS - SPRAYS
Annand, USDA EPQ R. f. 1946/47:15.
- IPS sp. near PERTURBATUS (Eichh.)
McGuffen & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 57, 1947.
- IPS AVULUS (Eichh.)
1 Anderson, Tex. For. Serv. B. 33:2-6, 1947?
1 Beal & Massey, Duke Univ. School For. B. 10:140-142, 1945.
1 O'Byrne, Va. Ext. C. 403 3-6, 1946.
- IPS CALLIGRAPHUS (Germ.)
1 Anderson, Tex. For. Serv. B. 33. 2-6, 1947?
1 Beal & Massey, Duke Univ. School For. B. 10:144-145, 1945.
1 O'Byrne, Va. Ext. C. 403 3-6, 1946.
- IPS CONFUSUS (Lec.) (FIVE-SPINED ENGRAVER BEETLE)
Annand, USDA EPQ R. f. 1945/46 21-22,31, 1947.
Hall, Timberm. 48(2) 54,62, 1946.
Cal. Dept. Nat. Resources Div. For., For. Ins. Conditions in Cal. during 1946 8-9, 1947.
- IPS GRANDICOLLIS (Eichh.)
1 Anderson, Tex. For. Serv. B. 33:2-6, 1947?
1 Beal & Massey, Duke Univ. School For. B. 10:142-144, 1945.
1 O'Byrne, Va. Ext. C. 403:3-6, 1946.
- IPS OREGONIS (Eichh.) (OREGON PINE ENGRAVER BEETLE)
Hall, Timberm. 48(2):54, 1946.
Cal. Dept. Nat. Resources Div. For., For. Ins. Conditions in Cal. during 1946:8-9, 1947.
- IPS PINI (Say) (PINE ENGRAVER)*
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:31, 1945.
Barnhill, Ala. Ext. Handb. Ala. Agr. ed. 4:222, 1947.
Chambers, Wis. Dept. Agr. B. 274:78, 1946.
Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:42, 1945.
- IPSICHORA Pascoe
1 Burum, Hawaii Farm & Home 8(11): 10-11, 1945.
- IRBISIA SOLANI (Heid.) (BLACK GRASS BUG)
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46:15.
- IRIDOMYRMEX sp.
Fautin, Ecol. Monog. 16:274, 1946.
- IRIDOMYRMEX HUMILIS Mayr
(ARGENTINE ANT)*
1 Back, USDA Leaf. 147 rev.:5, 1946.

IRIDOMYRMEX HUMILIS--Continued.

- Bohart, Hilgardia 17:300, 1947.
 Condit, Fig:185, 1947.
 Flanders, Cit. Leaves 26(1):14, 1946.
 Kendall, Cal. Citrog. 31:337,355-356, 1946.
 Lyle, J. Ec. Ent. 40:2-3,7, 1947.
 Mallis, Pest Control & Sanit. 1(7):24, 1946.
 i Michener & Michener, Nat. Hist. 54: 119, 1945.
 Steinweden, Orchid Digest 9:267, 1945.
 IRIDOMYRMEX HUMILIS - HABITS & BEHAVIOR
 Basinger, Cit. Leaves 26(2):11, 1946.
 i Mallis, Pest Control & Sanit. 2(3):8-11,13, 1947.

IRIDIOMYRMEX HUMILIS - SILKWORM PEST

- Essig, Cal. C. 363:10-11, 1945.
 *IRIS BORER, see MACRONOCTUA ONUSTA Grote

IRIS SEED-POD TORTRICID, see ENDOTHECIA HEBESANA (Wlkr.)

*IRIS WEEVIL, see MONONYCHUS VULPECULUS (F.)

IRIS WHITEFLY, see ALEYRODES SPIRAEOIDES Quaint.

IRRIGATION & INSECTS

- Barnes & Lindgren, Date Grow. Inst. R. 23:35, 1946.

ISABELLA TIGER MOTH, see ISIA ISABELLA (Abbott & Smith)

ISCHIODONTUS SOLEATUS (Say) - LARVAE

- i Jewett, Ky. B. 489:11-12, 1946.
 ISCHNASPIS LONGIROSTRIS (Sign.) (BLACK THREAD SCALE)*
 Martorell, P. R. Univ. J. Agr. 29:413, 1945.

ISCHNOCERUS INFUSCATUS Fahr., see MECONEMUS INFUSCATUS (Fahr.)

ISCHNOLAELAPS Fonseca
 Strandtmann, J. Parasit. 32:168-169, 1946.

ISCHNOLAELAPS ALEXANDRINI Fox
 ni Fox, J. Parasit. 32:447-449, 1946.

ISCHNOPTERA DEROPLETIFORMIS (Brunn.)

- Rau, Ent. News 58:1-4, 1947.
 ISCHNUS FRATERCULUS (Prov.)
 Taschenberg, Cornell Univ. Abs. Theses I, 1945:155, 1946.

ISCHNUS POLYCHROSIDIS (Cushm.), see ISCHNUS FRATERCULUS (Prov.)

ISDROMAS LYCAENAE (How.)
 Beacher, Ent. Soc. Amer. Ann. 40:532, 539,543, 1947.

- ISIA ISABELLA (Abbott & Smith) (BANDED WOOLLYBEAR)*
 (ISABELLA TIGER MOTH)
 McDaniel, Flor. Rev. 98(2534):34, 1946.
 McDaniel, Gladiolus 22:45-46, 1947.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:58, 1946.
 Peterson, Can. Ins. Pest Rev. 24:111, 1946.

ISOCHAETOTHrips Moulit.
 nk Crawford, Ent. Soc. Wash. P. 47: 179-182, 1945.

ISOCHAETOTHrips GARDENIAE Cwfd.
 n Crawford, Ent. Soc. Wash. P. 47: 180-182, 1945.

ISOCHAETOTHrips INSIGNIS Bianchi
 ni Bianchi, Hawaiian Ent. Soc. P. 12: 274-275, 1945.

ISODROMUS ICERYAE How.
 bi Clancy, Cal. Univ. Pub. Ent. 7:426-432, 1946.

ISODROMUS ICERYAE - EGGS & LARVAE

- Maple, Cal. Univ. Pub. Ent. 8:90, 1947.
 ISODROMUS NIGER Ashm.
 bi Clancy, Cal. Univ. Pub. Ent. 7:418-426, 1946.

Maple, Cal. Univ. Pub. Ent. 8:91-92, 1947.

ISOPODA - MICHIGAN

- bik Hatchett, Ecol. Monog. 17:47-49, 1947.

ISOPODA - WASHINGTON REGION
 bi Hatch, Wash. St. Univ. Pubs. Biol. 10:167-274, 1947.

ISOPTERA - INSECTICIDES - DDT
 Roark & McIndoo, USDA EPQ 687:29, 1946.

ISOPTERA - STRATIFICATION IN FORESTS

- Dowdy, Ecology 28:427,436, 1947.

ISSIDAE - MEXICO
 bni Caldwell, Ent. Soc. Amer. Ann. 38:89-120, 1945.

*ITALIAN PEAR SCALE, see EPIDIASPIS PIRICOLA (Del G.)

ITAME RIBEARIA (Fitch) (CURRANT SPANWORM)*

- Peterson, Can. Ins. Pest Rev. 24:113, 1946.

*ITCH MITE, see SARCOPTES SCABIEI (Deg.)

ITEAPHILA Zett.

- nik Melander, Bklyn. Ent. Soc. B. 41: 29-38, 1946.

ITHYCERUS NOVEBORACENSIS (Forst.) (NEW YORK WEEVIL)*

- i Bruhn, Great Basin Nat. 8:9, 1947.

ITONIDA CITRULLI Felt (CUCURBIT MIDGE)

- Wehrle, J. Ec. Ent. 39:415-416, 1946.

ITONIDA COCCOLOBAE (Cook)
 Martorell, P. R. Univ. J. Agr. 29:472, 1945.

ITONIDIDAE

- Arnason, Can. Ins. Pest Rev. 25:92, 1947.
 b White, Amer. Nat. 80:610-618, 1946.
 bi White, J. Morph. 78:201-220, 1946;
 79:323-369, 1946; 80:1-24, 1947.

ITONIDIDAE - GOLDENROD
 Hoffmann, J. Ec. Ent. 38:356, 1945.

ITONIDIDAE - INSECTICIDES
 b Roark, USDA EPQ E-652:29-30, 1945.

ITOPLECTIS CONQUISITOR (Say)

- Boyce, Quebec Soc. Protect. Plants R. 30:97; 172,174, 1947.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 61-62, 1947.
 Picard, Quebec Min. Lands & For. R. f. 1944/45:113, 1946.

- ITOPLECTIS CONQUISITOR**--Continued.
Reeks et al., Can. Dept. Agr. Div.
Ent. For. Ins. Surv. R. f. 1946:10,12,
1947.
Wallace, Conn. B. 488:389, 1945.
Wilkes & Anderson, Ent. Soc. Ont. R.
77:41-43, 1947.
- ITOPLECTIS OBESUS** Cushman.
Boyce, Quebec Soc. Protect. Plants R.
30:97, 1947.
Coppel, Ent. Soc. Ont. R. 77:40, 1947.
i Prebble & Graham, B. C. Lumberm.
29(3) 39, 1945.
- ***IVY APHID**, see **APHIS HEDERAE** Kltb.
IVY SCALE, see **ASPIDOTUS HEDERAE**
(Vallot)
- IXODES** Latr. - NORTH AMERICA
bni Cooley & Kohls, U. S. Natl. Inst.
Health B. 184,246 p., 1945.
- IXODES ANGUSTUS** Neum.
Bishopp & Trembley, J. Parasit. 31
30-31, 1945.
Cooley, J. Parasit. 32 210, 1946
- IXODES AURITULUS** Neum.
Bishopp & Trembley, J. Parasit. 31
31-32, 1945.
- IXODES BEQUARTI** Cooley & Kohls
i Cooley & Kohls, U. S. Natl. Inst.
Health B. 184 173-174, 1945.
- IXODES BISHOPPI** Smith & Gouck
i Smith & Gouck, Ent. Soc. Amer.
Ann. 40:75-81, 1947.
- IXODES BRUNNEUS** Koch
Bishopp & Trembley, J. Parasit. 31:
31-33, 1945
Miller, Cornell Vet. 37 124-125, 1947
- IXODES CALIFORNICUS** Banks (CALI-
FORNIA BLACK-LEGGED TICK)
Bishopp & Trembley, J. Parasit. 31:
36-37, 1945.
b Cowan, Can. J. Res. Sect. D. 24 74-
75,88-89, 1946.
- IXODES COOKEI** Pack. (AMERICAN
CASTOR BEAN TICK)
Bishopp & Trembley, J. Parasit. 31
38-41, 1945.
Downes et al., Can. Ins. Pest Rev. 25
116, 1947.
Hammond, Can. Ins. Pest Rev. 25 116,
1947.
MacCreary, Del. B. 252:17, 1945.
- IXODES COOKEI** - HOSTS
Anastos, Psyche 54:178-179, 1947.
- IXODES DENTATUS** Neum.
Bishopp & Trembley, J. Parasit. 31
34-36, 1945.
MacCreary, Del. B. 252:17, 1945.
Smith, Ent. Soc. Amer. Ann. 38:223-
233, 1945.
- IXODES DENTATUS** - HOSTS
Anastos, Psyche 54:178-179, 1947.
- IXODES DIVERSIFOSSUS** Neum.
Bishopp & Trembley, J. Parasit. 31:
36-37, 1945.
- IXODES HOLDENRIEDI** Cooley
ni Cooley, Pan-Pac. Ent. 22:103-104,
1946.
- IXODES HOLOCYCLUS** Neum.
Miller, Cornell Vet. 37:127, 1947.
- IXODES HOLOCYCLUS** & **Q FEVER**
Cheney, Cal. Med. 66:281, 1947.
- IXODES HOWELLI** Cooley & Kohls
bi Kohls, J. Parasit. 33:57-61, 1947.
- IXODES KINGI** Bishopp (ROTUND TICK)
Bishopp & Trembley, J. Parasit. 31
37-38, 1945.
- IXODES MARXI** Banks (MARX TICK)
Bishopp & Trembley, J. Parasit. 31:
39, 1945.
MacCreary, Del. B. 252:17, 1945.
- IXODES MURIS** Bishopp & Smith
(MOUSE TICK)
Anastos, Psyche 54:178-179, 1947.
Bishopp & Trembley, J. Parasit. 31:
38-39, 1945.
- IXODES MURRELETI** Cooley & Kohls
i Cooley & Kohls, U. S. Natl. Inst.
Health B. 184:213-214, 1945.
- IXODES PACIFICUS** Cooley
Furman, J. Ec. Ent. 40:873, 1947.
Gregson, Can. Ins. Pest Rev. 24 129,
1946.
- IXODES RADFORDI** Kohls
ni Kohls, J. Parasit. 33 497-498, 1947.
- IXODES RICINUS** (L.) - INSECTICIDES
b Roark, USDA EPQ E-655-6-8, 1945.
- IXODES RICINUS SCAPULARIS** Say
(BLACK-LEGGED TICK)*
Archer, Ala. Conserv. 18(6) 8, 1946.
Archer, Miss. Doctor 25:177, 1947
Bishopp & Trembley, J. Parasit. 31
41-42, 1945.
Miller, Cornell Vet. 37.124,126,128,
1947.
Portman, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25 50, 1946.
Smith et al., USDA TB 905 72, 1946.
- IXODES RICINUS SCAPULARIS** - HOSTS
Anastos, Psyche 54 178-179, 1947
- IXODES RICINUS SCAPULARIS** - IN-
SECTICIDES
Annand, USDA EPQ R f 1943. 44 21.
f 1944, 45 9. f 1945/46 12
Gouck & Smith, J. Ec. Ent. 40:303,
308, 1947
Portman, Amer. Assoc. Ec. Ent. N
Cent Sts. Branch P. 2 39, 1947
- IXODES RICINUS SCAPULARIS** - RE-
PELLENTS
Smith & Gouck, J. Ec. Ent. 39 374-
376, 1946
- IXODES RUGOSUS** Bishopp
Bishopp & Trembley, J. Parasit. 31:
34-35, 1945.
- IXODES SCULPTUS** Neum.
Bishopp & Trembley, J. Parasit. 31:
34-35, 1945.
Linsdale, Cal. Ground Squirrel:301-
302, 1946.
- IXODES SCUTICRENATUS** Vázquez
ni Vázquez, Mex. Univ. Nac. Inst. Biol.
An. 17:237-245, 1946.
- IXODES SORICIS** Greg. - DISTRIBUTION
Jameson, Can. Ent. 78:200, 1946.
- IXODES TEXANUS** Banks
Bishopp & Trembley, J. Parasit. 31:
42-44, 1945.
- IXODES TOVARI** Cooley
ni Cooley, Pan-Pac. Ent. 21:144-148,
1945.
- IXODES WOODI** Bishopp
Bishopp & Trembley, J. Parasit. 31:
30-32, 1945.

IXODIDAE - INSECTICIDES
b Roark, USDA EPQ E-855:4-9, 1945.
IXODIPHAGUS TEXANUS How.
Smith et al., USDA TB 905:72, 1946.
IXODOIDEA - UNITED STATES (NORTH-EASTERN) & CANADA (EASTERN)
bk Bequaert, Ent. Amer. 25:73-121, 184-232, 1946.

***JACK-PINE SAWFLY**, see **NEODIPRION AMERICANUS BANKSIANA** Roh.
JALYSUS SPINOSUS (Say) - **TOMATOES**
Gould, Ind. R. 58:55-56, 1945.
JANUS INTEGER (Nort.) (**CURRENT STEM GIRDLER**)*

i Boyd, N. J. Dept. Agr. C. 355:63-64, 1945.

i Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:37-38, 1946.

Sherwood & Bishop, W. Va. Ext. C. 325 rev.:41, 1945.

***JAPANESE BEETLE**, see **POPILLIA JAPONICA** Newm.

JAPANESE WAX SCALE, see **CEROPLASTES CERIFERUS** (Anders.)

JAPYGIDAE - GENERA & SUBGENERA
Rapp, Ent. Soc. Amer. Ann. 39:704-706, 1946.

JASSUS OLITORIUS Say, see **COLLIDIA OLITORIA** (Say)

***JEFFREY PINE BEETLE**, see **DENDROCTONUS JEFFREYI** Hopk.

***JERUSALEM CRICKET**, see **STENOPERMATUS FUSCUS** Hald.

JOCARA MAJUSCULA (H.-S.) (**LAUREL LEAF MINER**)

Martorell, P. R. Univ. J. Agr. 29:536, 1945.

JUMPING BEAN, see **GRAPHOLITHA SALITANS** (Westw.)

JUNE BEETLES, see **PHYLLOPHAGA** Harr.

JUNE BUGS, see **PHYLLOPHAGA** Harr.

JUNIPER MEALYBUG, see **PSEUDOCOC-CUS JUNIPERI** (Ehrh.)

***JUNIPER SCALE**, see **DIASPIIS CARUELI** Targ.

***JUNIPER WEBWORM**, see **DICHOMERIS MARGINELLA** (F.)

JUNIPERELLA MIRABILIS Knull
ni Knull, Ohio J. Sci. 47:69-70, 1947.

KAFIR ANT, see **SOLENOPTIS MOLESTA** (Say)

KAKIMIA WAHINKAE (Hottes)

Arnason, Can. Ins. Pest Rev. 25:106, 1947.

Arnason et al., Can. Ins. Pest Rev. 24: 89, 1946.

KALOTERMES HAGEN - FUMIGANTS

i Pencille, Pest Control & Sanit. 2(8): 10-12, 1947.

KALOTERMES BREVIS (Wlkr.), see

CRYPTOTERMES BREVIS (Wlkr.)

KALOTERMES MINOR Hagen

i Harvey, Pest Control & Sanit. 1(10): 15-17, 1946.

Hoskins & Chamberlin, Cal. C. 365: 101, 1946.

KALOTERMES PUBESCENS (Snyder), see **GLYPTOTERMES PUBESCENS** Snyder

KALOTERMES SNYDERI Light

i Martorell, P. R. Univ. J. Agr. 29: 358, 1945.

KALOTERMITIDAE

Annand, USDA EPQ R. f. 1946/47:16.

Connaughton, USDA FS South. For. Expt. Sta. R. 28:45,60, 1946; 27:66, 1947.

KAPALA sp.

i Berry, Ent. Soc. Wash. P. 49:77-80, 1947.

KARNYOTHRIPS DOLICORNIS Bianchi
ni Bianchi, Hawaiian Ent. Soc. P. 12: 510-512, 1946.

KEIFERIA sp.

Annand, USDA EPQ R. f. 1944/45:30.

Armitage et al., Cal. Dept. Agr. B. 34: 175, 1946.

Keifer, Cal. Dept. Agr. B. 34:187-188, 1946.

KEIFERIA GLOCHINELLA (Zell.) (EGG-PLANT LEAF MINER)*

Martin, N. J. R. 67:40, 1947?

KEIFERIA LYCOPERSICELLA (Busck) (**TOMATO PINWORM**)*

Flock, Ariz. St. Ent. R. f. 1944:17, 1945.

Lauderdale, Ariz. St. Ent. R. f. 1945/46:18.

Lyle, J. Ec. Ent. 40:3, 1947.

Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30:131-139, 1945.

Stirrett, Can. Ins. Pest Rev. 25:104, 1947.

Wressell, Can. Ins. Pest Rev. 24:53, 57, 1946.

KEIFERIA LYCOPERSICELLA - GREEN-HOUSES

Neiswander, Ohio B. 665:32, 1946.

KEIFERIA LYCOPERSICELLA - INSECTICIDES

Michelbacher et al., Agr. Chem. 2(3): 21-23,52-54,68, 1947.

Wilcox & Howland, USDA EPQ E-699: 1,4,6-8, 1946.

KEIFERIA LYCOPERSICELLA - INSECTICIDES - DDT

Neiswander, Veg. Grow. Assoc. Amer. R. 37:270-275, 1945.

Neiswander, Mkt. Grower. J. 75(3): 39, 1946.

Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 31:270-277, 1946.

KEIFERIA LYCOPERSICELLA & TEMPERATURE

i Neiswander, Ohio B. 673:71-72, 1947.

KEIFERIA PENICULO (Heinr.)

ni Heinrich, Ent. Soc. Wash. P. 48: 35-36.

Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, no. 1):7.

KEIFERIA PENICULO - LARVAE

ik Capps, Ent. Soc. Amer. Ann. 39: 561-563, 1946.

KELISIA Fleb.

nik Beamer, Kans. Ent. Soc. J. 18: 100-108, 1945.

KEONOLLA CONFLUENS (Uhl.) & **PIERCE'S DISEASE OF GRAPE-VINES**

b Frazier & Freitag, Phytopathology 36:634-637, 1946.

- KERNEL SPOT OF PECAN, see PEN-
TATOMIDAE & KERNEL SPOT OF
PECAN
- KINNARIDAE
Metcalf, in Horváth et al., Gen. Cat.
Hemiptera Fasc. IV, Pt. 7, p. 239-
250, 1945.
- *KOA SEED WORM, see CRYPTOPHLE-
BIA ILLEPIDA (Butl.)
- KOK-SAGHYZ INSECTS
Whaley & Bowen, USDA Misc. Pub.
618 37, 98-100, 1947.
- KRICOGONIA CASTALIA (F.)
Martorell, P. R. Univ. J. Agr. 29 483-
484, 1945.
- KRIZOUSACORIXA AZTECA Jacz. AS
FOOD OF MAN
Bachstetz & Aragon, Amer. Pharm.
Assoc. J. Sci. Ed. 34 170-172, 1945.
- KRIZOUSACORIXA TEXCOCANA (Jacz),
see CORISELLA TARSAIS (Fieb.)
- KUDZU INSECTS
Telford & Childers, P. R. (Mayaguez)
C 27 27, 1947.
- KUNO SCALE, see LECANIUM KUNOEN-
SIS Kuw.
- KURTOMATHRIPS MORRILLI Moul't.
Flock, Ariz. St. Ent. R. f. 1944 16, 19,
1945.
Lauderdale, Ariz. St. Ent. R. f.
1945/46.17
- KUWANASPIS HOWARDI (Cooley)
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup (1947, No. 2):5.
- KUWANASPIS PSEUDOLEUCASPIS (Kuw.)
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 2) 5.
- LABIA CURVICAUDA (Mots.)
Martorell, P. R. Univ. J. Agr. 29 356,
1945.
- LABIA DORSALIS (Burm.)
Martorell, P. R. Univ. J. Agr. 29 356,
1945.
- LABOPIDEA ALLII Kngt. (ONION PLANT
BUG)*
Smith et al., Kans. Ent. Soc. J. 19 49,
1946.
- LABOPS HESPERIUS Uhl , L. HIRTUS
Kngt , L. TUMIDIFRONS Kngt
Knowlton, J. Ec. Ent. 38:707-708, 1945.
- LABORATORY ANIMALS - PESTS
b Olson & Dahms, J. Parasit. 32:56-60,
1946.
- LABORATORY APPARATUS
i Peterson, Man. of Ent. Equip. &
Methods ed. 5, Pt. 1-2, 1947.
b Russell et al., Pract. Malar.:229-
268, 1946.
i Westgate & Bolton, Natl. Paint
Varnish & Lacquer Assoc. Sci. Sect.
C. 715:23-31, 1946.
- LABORATORY APPARATUS, see also
DUSTING APPARATUS; FIELD
APPARATUS; FUMIGATING AP-
PARATUS; SPRAYING APPARATUS
- LABORATORY APPARATUS - AEROSOL
APPARATUS
i Batt, Soap & Sanit. Chem. 21(7):117,
119, 1945.
- LABORATORY APPARATUS - AEROSOL
APPARATUS - FILLERS
i Fulton et al., USDA EPQ ET-245,
4 p., 1947.
- LABORATORY APPARATUS - AEROSOL
APPARATUS - GLASS CONTAINER
i Fulton & Berlin, USDA EPQ ET-246,
3 p., 1947.
- LABORATORY APPARATUS - AEROSOL
APPARATUS - SWINGING - SHUT-
TER FOR MEASURING
b McGovran & Fales, USDA EPQ
ET-239, 7 p., 1947.
- LABORATORY APPARATUS - AEROSOL
APPARATUS, PHOTOELECTRIC
i Gucker et al., Amer. Chem. Soc. J.
69 429-438, 1947.
- LABORATORY APPARATUS - ARTIFI-
CIAL INSEMINATION INSTRU-
MENTS
Roberts, J. Ec. Ent. 40:445-446, 1947.
i Univ. Wis., Madison, Amer. Bee J.
87:425, 1947.
i USDA Agr. Res. Adm., Gleanings Bee
Cult. 75:600-601, 1947.
- LABORATORY APPARATUS - ASPIRA-
TOR, MOTORIZED
i Cartwright & Luginbill, USDA EPQ
ET-244, 2 p., 1947.
- LABORATORY APPARATUS - BARRIERS,
ELECTRIC
i Bruce, J. Ec. Ent. 40:277, 1947.
- LABORATORY APPARATUS - BARRIERS,
REARING TRAY
b Flanders, J. Ec. Ent. 38 495, 1945.
- LABORATORY APPARATUS - BASE FOR
FOOD MATERIAL
i Berger, J. Ec. Ent. 38 577, 1945.
- LABORATORY APPARATUS - BEHAVIOR
TESTS
i Minami & Dallenbach, Amer. J.
Psychol. 59(1):6-8, 1946.
- LABORATORY APPARATUS - CABINETS,
INCUBATOR-AERATOR
i Thomas, Science 103:21, 1946.
- LABORATORY APPARATUS - CABINETS,
VAPOR-HEAT
b Balock & Starr, J. Ec. Ent. 38:646-
647, 1945.
- LABORATORY APPARATUS - CAGES
i Cagle & Jackson, Va. TB 107:3-4,
1947.
i Dustan & Putman, Can. Ent. 79:218,
1947.
Eide, J. Ec. Ent. 40:49, 1947.
Grundemann, Kans. Ent. Soc. J. 20:78,
1947.
- LABORATORY APPARATUS - CAGES,
INSECTICIDE TESTING
Dean, J. Ec. Ent. 40:183, 1947.
i Goodhue et al., Soap & Sanit. Chem.
23(9):119-120, 1947.
Hills & McKinney, USDA EPQ E-648:
1-2, 1945.
i Madden & Lindquist, USDA EPQ
ET-230, 3 p., 1946.
i Monro et al., Soap & Sanit. Chem.
23(8):127, 1947.
i Rice et al., Soap & Sanit. Chem.
21(3):119, 121, 1945.

- LABORATORY APPARATUS - CAGES,
INSECTICIDE TESTING--Continued.
i Romney et al., USDA EPQ E-672:2,
15, 1945.
Weinman & Decker, J. Ec. Ent. 40:87,
1947.
- LABORATORY APPARATUS - CAGES,
INSECTICIDE TESTING - DDT
Fay et al., U. S. Pub. Health Rpts. 62:
150, 1947.
i McBride, Hawaii R. f. 1942/44:75,
1945.
Pearsall & Wallace, Soap & Sanit.
Chem. 22(10):139,141, 1946.
i Simmons, U. S. Pub. Health Rpts.
Sup. 188:8-18, 1945.
- LABORATORY APPARATUS - CAGES,
OVIPOSITION
i Vance & Painter, USDA EPQ ET-227,
3 p., 1946.
- LABORATORY APPARATUS - CAGES,
PLASTIC
i Young & Burgess, Science 104:375,
1946.
- LABORATORY APPARATUS - CAGES,
POPULATION
i Wright & Dobzhansky, Genetics 31:
126-127, 1946.
- LABORATORY APPARATUS - CAGES,
REARING
i Brett, Okla. TB 26:16-19, 1947.
bi Coppel & House, Can. Ent. 79:74-
80, 1947.
Frank, Va. TB 108:4, 1947.
i Giglioli, Natl. Malar. Soc. J. 6:159-
160, 1947.
Post & Colberg, N. Dak. Bimo. B. 9.
111-112, 1947.
- LABORATORY APPARATUS - CAGES,
REARING - PLASTIC SCREEN
CLOTH
Post & Colberg, Amer. Assoc. Ec.
Ent. No. Cent. Sts. Branch P. 2:4-8,
1947.
- LABORATORY APPARATUS - CAGES
FOR ANIMALS
i Heal & Pergrin, N. J. Mosq. Exterm.
Assoc. P. 32:105-106, 1945.
i Smith et al., USDA TB 905:6-7, 1946.
- LABORATORY APPARATUS - CHAM-
BERS, HUMIDITY - DESICCATORS
i Rilett, R. O., J. Ec. Ent. 39:385,
1946.
- LABORATORY APPARATUS - CHAM-
BERS, OVIPOSITION
Van Leeuwen, J. Ec. Ent. 40:744, 1947.
- LABORATORY APPARATUS - CHAM-
BERS, TEMPERATURE-CON-
TROLLED
Wellington, Can. Ent. 77:135-136, 1945.
- LABORATORY APPARATUS - DUSTING
APPARATUS
Figge & Wolfe, Soc. Expt. Biol. & Med.
Proc. 60:137, 1945.
b Harries et al., J. Agr. Res. 71:554-
557, 1945.
Hinman & Cowan, USDA EPQ E-722:
2-3, 1947.
i Sun, N. Y. St. Col. Agr. Dept. Ent.
Ent. 1:29-31, 1946.
Pennsylvania Salt Mfg. Co., Chem.
Indus. 60:228-230, 1947.
- LABORATORY APPARATUS - DUSTING
APPARATUS - RECORDER FOR
ELECTROSTATIC CHARGES
i Wilson & Jackson, Agr. Chem. 1(6):
33,35,50, 1946.
- LABORATORY APPARATUS - ELEC-
TRODE TWEEZERS
i Ramirez L., Mex. Esc. Nac. Cien.
Biol. An. 4:383-385, 1947.
- LABORATORY APPARATUS - FLOUR
SIFTER, MECHANICAL
i Boyce, Ecology 27:291-293, 1946.
- LABORATORY APPARATUS - FLY
HOLDER
i Kaufmann & Hollaender, Genetics
31:369, 1946.
- LABORATORY APPARATUS - FUMI-
GATING APPARATUS
Sun, Minn. TB 177:9, 1947.
- LABORATORY APPARATUS - FUMI-
GATING APPARATUS - CHAMBERS
Balock & Starr, J. Ec. Ent. 38:481,
1945.
- LABORATORY APPARATUS - FUMI-
GATING APPARATUS - EXPOSURE
BOTTLE
i Robbie, J. Ec. Ent. 39:400, 1946.
- LABORATORY APPARATUS - FUMI-
GATING APPARATUS - PENETRA-
TION FLASK
i Sun, Minn. TB 177:73-74, 1947.
- LABORATORY APPARATUS - GUINEA
PIG HOLDER
i Wary, Mosq. News 5:52-53, 1945.
- LABORATORY APPARATUS - HOT
PLATES - REPLACEMENT ELE-
MENTS
i Rusk, USDA EPQ ET-235, 4 p., 1947.
- LABORATORY APPARATUS - INSECTI-
CIDE APPARATUS
i Brett, J. Agr. Res. 73:90, 1946.
bi Gnadinger, Pyrethrum Flowers
sup.to ed. 2 1936-1945:455-507, 1945.
- LABORATORY APPARATUS - INSECTI-
CIDE APPARATUS, *see also*
LABORATORY APPARATUS -
AEROSOL APPARATUS; LABORA-
TORY - DUSTING APPARATUS;
LABORATORY APPARATUS -
FUMIGATING APPARATUS; LAB-
ORATORY APPARATUS - SPRAY-
ING APPARATUS
- LABORATORY APPARATUS - INSECTI-
CIDE APPARATUS - CHAMBERS
Pearsall & Wallace, Soap & Sanit.
Chem. 22(10):139,141, 1946.
- LABORATORY APPARATUS - INSECTI-
CIDE APPARATUS - EXTRACTORS
bi Barthel, Indus. & Engin. Chem.
Anal. Ed. 17:53-54, 1945.
i Barthel & Haller, Indus. & Engin.
Chem. Anal. Ed. 17:529, 1945.
bi Mann, USDA EPQ ET-243, 4 p., 1947.
- LABORATORY APPARATUS - LAMPS,
MICROSCOPE
Munger, USDA EPQ ET-222, 2 p., 1945.
i Simmons, USDA EPQ ET-248, 2 p.,
1947.
- LABORATORY APPARATUS - MICRO-
INJECTION
i Patton, N. Y. (G.) Farm Res. 12(1):
3, 1946.

- LABORATORY APPARATUS - MOUNTING BLOCK
i Frings, *Turtox News* 24 150-152, 1946.
- LABORATORY APPARATUS - OLFACTOMETERS
b Willis, *J. Ec. Ent* 40 769-778, 1947
- LABORATORY APPARATUS - POTOMETER
i Frings & Frings, *Science* 103 22-23, 1946.
- LABORATORY APPARATUS - REARING - COCKROACHES
bi Bottimer, *Soap & Sanit. Chem* 21(12) 151,153,155,157, 1945.
- LABORATORY APPARATUS - REARING - BOXES
i Girth & McCoy, *N. J. Dept. Agr. C* 363:12-14, 1946.
- LABORATORY APPARATUS - REARING - CAGES, *see* LABORATORY APPARATUS - CAGES, REARING
- LABORATORY APPARATUS - REARING - JARS
i Jenkins, *Ent. Soc. Amer. Ann.* 40 59-65, 1947.
- LABORATORY APPARATUS - REARING - TANK AND FEEDER
i Scott et al., *J. Parasit.* 33 138-139, 1947.
- LABORATORY APPARATUS - SPRAYING APPARATUS
bi Bottimer, *Soap & Sanit. Chem.* 21(12):153,155,157, 1945.
i Campbell, *R. I. R.* 59 21-22, 1947.
Campbell et al., *Soap & Sanit. Chem* 22(7) 145,147, 1946.
i Childs, *Can. Grow.* 70(6).11, 1947.
i Garman, *Conn. B.* 485.158, 1945.
b Harries et al., *J. Agr. Res.* 71:554-557, 1945.
Hazard, *Soap & Sanit. Chem.* 21(12) 159,167, 1945.
Hinman & Cowan, *USDA EPQ E-722-2-3*, 1947.
i Monro et al., *Soap & Sanit. Chem.* 23(8):123,125, 1947.
i Parker & Beacher, *Del. B.* 264 9-10, 15, 1947.
Rings, *Ohio St. Univ. Abs. Doctoral Diss.* 52 258-259, 1947.
Turner & Saunders, *Conn. B.* 512.99, 1946.
i Turner & Woodruff, *Conn. B.* 512-93, 1946.
- LABORATORY APPARATUS - SPRAYING APPARATUS, *see also* LABORATORY APPARATUS - AEROSOL APPARATUS
- LABORATORY APPARATUS - SPRAYING APPARATUS - CHAMBERS
i Lindquist & Madden, *USDA EPQ ET-229.4 p.*, 1946.
- LABORATORY APPARATUS - SPRAYING APPARATUS - TURNABLES
i Henderson & Keiser, *USDA EPQ E-758:2.11*, 1948.
- LABORATORY APPARATUS - SPRAYING APPARATUS, ENDLESS BELT
i Watkins, *J. Ec. Ent.* 39:256, 1946.
- LABORATORY APPARATUS - TEMPERATURE & BOUND WATER STUDIES
Sieglar, *J. Agr. Res.* 72 331-332,336-339, 1946.
- LABORATORY APPARATUS - THERMOMETER FOR INSECTS
i Pepper & Hastings, *Sci. News Let.* 50:295, 1946
- LABORATORY APPARATUS - ULTRASONIC WAVE APPARATUS
i Sautet et al., *Rev. Can. de Biol.* 6 179-181,193-194, 1947.
- LACCIFER LACCA (Kerr)
i Fletcher, *Ward's Nat. Sci. B.* 19 30-32, 1945, 41-42,61, 1946.
- LACCOCERA Van D.
nik Penner, *Kans. Ent. Soc. J.* 18 30-47, 1945.
- LACE BUGS, *see* TINGIDAE
- LACEWING FLIES. *see* CHRYSOPIDAE
- LACHESILLA Westw.
bnik Sommerman, *Ent. Soc. Amer. Ann.* 39 627-661, 1946.
- LACHNOPUS COFFEAEE Mshll.
i Martorelli, *P. R. Univ. J. Agr.* 29 462-463, 1945.
- LACHNOPUS CURVIPES (F.)
Martorelli, *P. R. Univ. J. Agr.* 29:463, 1945.
- LACHNOPUS HISPIDUS (Gyll.)
Scaramuzza, in *Cuba Min. Agr. Estac. Expt. Cana de Azucar (Havana)*, *Cana de Azucar en Cuba* 538, 1946.
- LACHNOPUS SEINEI Wolc.
Martorelli, *P. R. Univ. J. Agr.* 29:463, 1945.
- LACHNOPUS YAUCONA Wolc.
Martorelli, *P. R. Univ. J. Agr.* 29 464, 1945.
- LACHNUS SALIGNA Gmel., *see* PTEROCHLORUS SALIGNA (Gmel.)
- LACON DISCOIDEA (Weber), *L. MAR-MORATA* (F.)
- LADONA JULIA (Uhl.), *see* LIBELLULA JULIA Uhl.
- LADYBEETLES, LADYBIRDS, LADYBUGS, *see* COCCINELLIDAE
- LAELAPS Koch
bnik Donald, *Microentomology* 12.12-21, 1947.
MacCreary, *J. Ec. Ent.* 38:127, 1945.
- LAELAPS APLDONTIAE Jell.
ni Jellison, *J. Parasit.* 31:373-374, 1945.
- LAELAPS ECHIDNINUS (Berl.), *see* ECHINOLAELAPS ECHIDNINUS (Berl.)
- LAELAPS HAWAIIENSIS (Ewing), *see* LAELAPS NUTTALLI Hirst
- LAELAPS KOCHI Oud.
MacCreary, *J. Ec. Ent.* 38:127, 1945.
- LAELAPS MICROTI (Ewing), *see* LAELAPS KOCHI Oud.
- LAELAPS MULTISPINOSUS Banks
MacCreary, *J. Ec. Ent.* 38:127, 1945.
- LAELAPS NUTTALLI Hirst
Cole, *U. S. Pub. Health Rpts.* 61:1472, 1474-1475,1478-1481,1483-1485, 1946.

- LAELAPS NUTTALLI--Continued
Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:25,28-30,33,35-36,38-40, 44-45,50-51,53-58,62-63,70-71, 1947.
Randolph & Eads, J. Ec. Ent. 39:539, 1946.
Rumreich, U. S. Pub. Health Rpts. 60 890,892,896,899-903, 1945.
- LAELAPS NUTTALLI - DUSTS - DDT
Ludwig & Page, U. S. Pub. Health Rpts. 62:78,83, 1947.
- LAELAPS NUTTALLI & TYPHUS MURINE
Rumreich & Koepke, U. S. Pub. Health Rpts. 60:1422-1428, 1945.
- LAELAPS SPINIGER Ewing & Stover, *see* LAELAPS MULTISPINOSUS Banks
- LAEMOPHLOEUS sp. - PEANUTS, SHELLS
Bissell & Du Pree, J. Ec. Ent. 39:550-552, 1946.
- LAEMOPHLOEUS FERRUGINEUS (Steph.) (RUSTY GRAIN BEETLE)* (RED-RUST GRAIN BEETLE)
Anderson, Can. Dept. Trade & Com. Grain Res. Lab. R. 19:34, 1946.
Donohoe, Pests 14(10):16, 1946.
Gardiner, Can. Min. Agr. R. f. 1946/47:96.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:5,15, 1945.
Manson, Can. Ins. Pest Rev. 25:123, 1947.
Manson et al., Can. Ins. Pest Rev. 24: 102, 1946.
Smallman, Grain & Feed J. Consol. 94:405, 1945.
Smallman, North. Mill. Mill Prod. Sect. 221(2):3a,9a, 1945.
i Smallman, Wallerstein Lab. Commun. 8:159-160, 1945.
- LAEMOPHLOEUS FERRUGINEUS - DUSTS - DDT
Smallman, Amer. Mill. 73(4):64, (7):56, 58, 1945.
- LAEMOPHLOEUS FERRUGINEUS - REARING
i Rilett, R. O., J. Ec. Ent. 39:385, 1946.
- LAEMOPHLOEUS MINUTUS (Oliv.), *see* LAEMOPHLOEUS PUSILLUS (Schönh.)
- LAEMOPHLOEUS PUSILLUS Schönh. (FLAT GRAIN BEETLE)*
Balzer & Cotton, USDA FB 1906 rev.: 4-5, 1947.
Cotton & Frankenfeld, USDA EPQ E-877:1, 1945.
i Cotton et al., USDA C. 720:4,18, 1945.
Farrar, Soybean Digest 6(2):13, 1945.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):8-9, 1946.
Michelbacher, Pests 15(6):12, 1947.
Payne, N. Y. Ent. Soc. J. 54:9-12, 1946.
- LAEVICEPHALUS STRIATUS (L.), *see* PSAMMOTETTIX STRIATUS (L.)
- LAGOCHIRUS sp. & CANKER OF CACAO
i Limón B., Fitófilo 4:211-213, 1945.
- LAGOCHIRUS ARANEIFORMIS (L.)
i Martorell, P. R. Univ. J. Agr. 29: 441-443, 1945.
- LAGRIIDAE
k Arnett, Systema Nat. Zool. Ins. Pt. 5 (Pub. 7):51-56, 1947.
- LAKSHADIA CHINENSIS Mahdih. bi Mahdihassan, Ent. Soc. Amer. Ann. 40:604-609, 1947.
- LAMACHUS Först.
Briand, Quebec Soc. Protect. Plants 30:56, 1947.
- LAMACHUS CONTORTIONIS Davis
Briand, Quebec Soc. Protect. Plants 30:56, 1947.
- LAMACHUS EQUUS (Htg.)
Baird, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:28,35-36, 1947.
Briand, Quebec Soc. Protect. Plants R. 30:56, 1947.
Finlayson, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:47,51-52, 1947.
Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:43,45-46, 1947.
- LAMACHUS LOPHYRI (Ashm.)
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:13, 1947.
- LAMACHUS MARGINATUS (Brischke)
Baird, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:28,31,36, 1947.
Briand, Quebec Soc. Protect. Plants 30:56, 1947.
- LAMACHUS SPECTABILIS (Holmg.)
Briand, Quebec Soc. Protect. Plants 30:56, 1947.
- LAMBDA ATHASARIA PELLUCIDARIA (Grote & Rob.)
Zappe et al., Conn. B. 501:42-43, 1946.
- LAMBDA FISCELLARIA (Guen.) (HEMLOCK LOOPER)*
Annand, USDA EPQ R. f. 1946/47: 26-27.
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:31, 1945.
i Boyd, N. J. Dept. Agr. C. 355:34-35, 1945.
Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:38, 1946.
Bradley, Can. Ins. Pest Rev. 24:62, 146.
Bradley & Daviault, Can. Ins. Pest Rev. 25:65, 1947.
Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 45, 1947.
Daviault, Laurentian For. Protect. Assoc. Ltd. R. 36:40, 1946.
Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:23, 1947.
Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 22, 1946.
DeGryse, For. Ent. in Can.:4, 1947.
Downes, Can. Ins. Pest Rev. 24:128, 1946.
Gardiner, Can. Min. Agr. R. f. 1945/46:76.
Kennedy, Ont. Royal Comm. For. R. f. 1947:117.

- LAMBDA FISCCELLARIA--Continued.
 Lambert, Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1944 18, 1945.
 Lejeune, Can. Dept. Agr. Div. Ent. Ent.
 For. Ins. Surv. R. f. 1945:47, 1946.
 Lejeune, Can. Ins. Pest Rev. 24 78,
 1946.
 McGuffin & Barker, Can. Dept. Agr.
 Div. Ent. For Ins. Surv. R. f. 1946-
 59, 1947.
 Reeks et al., Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1944 10, 1945;
 f. 1945 12-14, 1946, f. 1946:13, 1947.
 Richmond, Can. Ins. Pest Rev. 24:123,
 1946.
 Richmond & McGuffin, Can. Dept. Agr.
 Div. Ent. For Ins. Surv. R. f. 1944
 46-47 1945.
 Watson & MacKay, Can. Dept. Agr. Div.
 Ent. For. Ins. Surv. R. f. 1945 30,
 1946.
 Watson & Razienne, Can. Dept. Agr.
 Div. Ent. For Ins. Surv. R. f. 1946
 37, 1947.
- LAMBDA FISCCELLARIA - SPRAYS -
 DDT
 Annand, USDA EPQ R. f. 1945/46:4.
 Craighead & Brown, USDA EPQ
 E-684:9, 1946.
- LAMBDA FISCCELLARIA LUGUBROSA
 (Hulst)
 Furniss, USDA EPQ Ins. Pest Surv.
 Sum. of Ins. Conditions in 1945 19,
 1946
 Gardiner, Can. Min. Agr. R. f.
 1946/47:93
 Leech, Can. Dept. Agr. Div. Ent. For
 Ins. Surv. R. f. 1944:65, 1945, f. 1945
 62, 1946, f. 1946 77-79, 1947.
 Mathers, Can. Ins. Pest Rev. 24:121,
 1946.
 i Prebble & Graham, B. C. Lumberm.
 29(2):27,42,46, 1945.
 b) Richmond, B. C. Ent. Soc. P. 43:33-
 35, 1947.
 Richmond, B. C. Lumberm. 31(4) 65-66,
 84, 1947.
 Richmond, Can. Ins. Pest Rev. 25:65-
 66, 1947.
- LAMBDA FISCCELLARIA LUGUBROSA -
 SPRAYS
 i Olson, Nature Mag. 39:34-36,50, 1946.
 Rogers, Oreg. St. For. Bien. R. f.
 1944/46:46-53.
- LAMBDA FISCCELLARIA LUGUBROSA -
 VANCOUVER ISLAND
 Richmond, Can. Dept. Agr. Div. Ent.
 For. Ins. Invest. Bimo. Prog. R. 1(6):
 4, 1945.
- LAMBDA FISCCELLARIA SOMNIARIA
 (Hulst)
 Forbes, Victoria Nat. 4:33-34, 1947.
 Leech, Can. Dept. Agr. Div. Ent. For.
 Ins. Surv. R. f. 1946:80, 1947.
 Richmond, Can. Ins. Pest Rev. 25:71,
 1947.
- LAMINOSIOPTES CYSTICOLA (Viz.)
 Bushnell & Twiehaus, Kans. B. 326:89,
 1945.
 Coffin, Man. Vet. Clin. Path. rev.:61,
 1945.
 Seiden, Poult. Handb.:348-349, 1947.
- LAMPETIA EQUESTRIS (F.) (NARCIS-
 SUS BULB FLY)*
 French, Va. Dept. Agr. B. 441:7-8,
 1945; 447:9, 1946.
 French, Va. Dept. Agr. & Immigr. R.
 f. 1945/46:53-54.
 i Russell, Horticulture 24:198, 1946.
- LAMPRA ANCHOCLOIDES (Guen.) see
 RHYNCHAGROTIS ANCHOC-
 CLOIDES (Guen.)
- LAMPROSEMA INDICATA (F.), see
 HEDYLEPTA INDICATA (F.)
- LAMPROSEMA SCHISTISEMALIS
 (Hamps.)
 Swezey, Hawaiian Ent. Soc. P. 12:365,
 1945.
- *LANTANA SEED FLY, see AGROMYZA
 LANTANAE Frog.
- LANTERN FLIES, see FULGOROIDEA
- LAPHYGMA EXEMPTA (Wlkr.) (NUT-
 GRASS ARMYWORM)* - PARA-
 SITES
 Pemberton, Hawaiian Sugar Planters
 Assoc. R. 64, Expt. Sta. R. f.
 1943/44 18-19, 1945.
 Williams, Hawaiian Sugar Planters'
 Assoc. R. 65, Expt. Sta. R. f.
 1944/45:19, 1946.
- LAPHYGMA EXIGUA (Hbn.) (BEET
 ARMYWORM)*
 Flock, Ariz. St. Ent. R. f. 1944:17,
 1945.
 Harned, USDA EPQ Ins. Pest Surv.
 Sum. of Ins. Conditions in 1945 16,
 1946.
 i Lange, Spreckels Sugar Beet Bul. 11.
 5, 1947.
 Lauderdale, Ariz. St. Ent. R. f.
 1945/46:18.
 Parker, Ariz. St. Ent. R. f. 1946/47
 26.
- LAPHYGMA EXIGUA - INSECTICIDES
 Burgess, Ariz. R. 57:45-46, 1947.
 Michelbacher et al., Agr. Chem. 2(3):
 21-23,52-54,68, 1947.
 Smith & Lange, Cal. C. 365.54, 1946.
 Wilcox & Howland, USDA EPQ E-699:
 1,4-8, 1946.
- LAPHYGMA EXIGUA - INSECTICIDES -
 DDT
 Annand, USDA EPQ R. f. 1945/46:7.
 Loftin, USDA EPQ E-657:6, 1945.
 White, USDA EPQ E-692:4, 1946.
- LAPHYGMA EXIGUA - FLAX
 Roney, J. Ec. Ent. 40:931-932, 1947.
- LAPHYGMA FRUGIPERA (Abbott &
 Smith) (FALL ARMYWORM)*
 i Bissell & Dupree, Ga. B. 254:13-14,
 1947.
 Burgess, Ariz. R. 56:47-48, 1946.
 Keifer, Cal. Dept. Agr. B. 35:209,
 1947.
 i Lincoln & Isely, Ark. Ext. C. 436:
 5-10, 1945.
 Lincoln & Miner, Ark. Ext. C. 437:13-
 14, 1945.
 McDaniel, Flor. Rev. 98(2534):34,
 1946.
 McDaniel, Gladiolus 22:45, 1947.
 Osorio, Control de Plagas 7:38,40-41,
 1945.

- LAPHYGMA FRUGIPERDA--Continued.
Starnes, Agr. Flying; Ground School Curriculum Offered in Conjunction with Crop Dusting Training:7, 1947.
i Vorhies & Wehrle, Ariz. B. 203:32-33, 1946.
Walton & Packard, USDA FB 1850 rev. 7, 1947.
Westbrook, Ga. Ext. B. 523:41, 1945.
- LAPHYGMA FRUGIPERDA - CANADA
Gorham, Can. Dept. Agr. Div. Ent. Processed Pub. 45:4-5, 1946
Neary, N. S. Dept. Agr. R. f. 1943/44:101, 1945, f. 1944/45:103, 1946.
- LAPHYGMA FRUGIPERDA - CUBA
i Bruner & Deschapelles, Cuba (Santiago de las Vegas) C. 84,12 p., 1946.
Martínez Andreu, Cuba Min. Agr. Rev 29(3):63, 1946.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:540,547, 1946
Scaramuzza, Inst. Cubano de Suelos y Abonos Inform. Téc. 5 836-837, 1946.
- LAPHYGMA FRUGIPERDA - EVERGLADES
Wylie, Fla. R. f. 1946/47 203
- LAPHYGMA FRUGIPERDA - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47:9,13.
Brooks & Anderson, J. Ec. Ent. 40. 224-228, 1947
Hayslip, Fla. R. f. 1944/45:215
Kelsheimer, Fla. R. f. 1944/45:116.
Kelsheimer, Fla. St. Hort. Soc. P. 60 121-123, 1947.
Kulash, J. Ec. Ent. 40:927-928, 1947.
Wylie & Wilson, Fla. R. f. 1945/46:171-172
- LAPHYGMA FRUGIPERDA - INSECTICIDES - DDT
Blanchard et al., J. Ec. Ent. 39:817, 1946.
i Ditman, J. Ec. Ent. 39:668, 1946.
Kelsheimer, Fla. R. f. 1946/47:118,123.
White, USDA EPQ E-692:4, 1946.
- LAPHYGMA FRUGIPERDA - KANSAS
Dean et al., Kans. Ent. Soc. J. 18:91, 1945.
Smith et al., Kans. Ent. Soc. J. 20:52, 58, 1947.
- LAPHYGMA FRUGIPERDA - OILING CORN EARS
Kelsheimer & Beckenbach, Fla. R. f. 1945/46:109.
Thompson, Fla. St. Hort. Soc. P. 59 82-84, 1946.
- LAPHYGMA FRUGIPERDA - PUERTO RICO
Martorell, P. R. Univ. J. Agr. 29:503-505, 1945.
Plank, P. R. (Mayaguez) R. f. 1944:15-16, 1945; f. 1945:22, 1946.
- LAPHYGMA FRUGIPERDA - RESISTANT CORN
i Dicke & Jenkins, USDA TB 898:1,4, 1945.
- *LARCH CASEBEARER, see COLEOPHORA LARICELLA (Hbn.)
- *LARCH SAWFLY, see PRISTIPHORA ERICHSONII (Htg.)
- *LARDER BEETLE, see DERMESTES LARDARIUS L.
- *LARGE ASPEN TORTRIX, see ARCHIPS CONFLICTANA (Wlkr.)
- LARGE BODY LOUSE OF PIGEONS, see MENACANTHUS LATUS (Pigeat)
- LARGE BROWN BLOWFLY, see NEOPOLLENIA STYGIA (F.)
- *LARGE CHESTNUT WEEVIL, see CURCULIO PROBOSCIDEUS F.
- *LARGE CHICKEN LOUSE, see GONIODES GIGAS (Tasch.)
- *LARGE MILKWEED BUG, see ONCOPELTUS FASCIATUS (Dall.)
- *LARGE TURKEY LOUSE, see VIRGULAMELEAGRIDS (L.)
- LARGE WHITE SNAIL, see OTALALACTEA (Müll.)
- LARGER CABINET BEETLE, see TROGODERMA VERSICOLOR (Creutz.)
- *LARGER ELM LEAF BEETLE, see MONOCESTA CORYLI (Say)
- *LARGER SHOT-HOLE BORER, see SCOLYTUS SULCATUS Lec.
- *LARGER YELLOW ANT, see LASIUS INTERJECTUS Mayr
- LARIOPHAGUS DISTINGUENDUS (Först.)
Bare et al., USDA EPQ ET-247:4, 1947.
- LARRA AMERICANA Sauss.
Kelsheimer, Fla. R. f. 1946/47:125-126.
Watson & Bratley, Fla. R. f. 1944/45:64, f. 1945/46:62.
- LARRA ANALIS (F.)
Tissot & Bratley, Fla. R. f. 1946/47:67.
Watson & Bratley, Fla. R. f. 1945/46:62.
- LARVAEORIDAE & MYIASIS
James, USDA Misc. Pub. 631:163-164, 1947.
- LARVICIDE ADJUVANTS
Fairchild & Barreda, J. Ec. Ent. 38:696-699, 1945.
- LARVICIDES
Annand, USDA EPQ R. f. 1945/46:15.
Boyd, Prev. Med. ed. 7:284-287, 1945.
Headlee, Mosq. of N. J. & Their Control:289-300, 1945.
Jackson, Water Works & Sewerage 92:233-234, 1945.
b Knippling, Natl. Malar. Soc. J. 5:113-120, 1946.
Magoon, Salub. y Asist. Soc. B. Ofic. 48:379-383, 1945.
Mulhern, N. J. Mosq. Extern. Assoc. P. 32:166, 1945.
bi Russell et al., Pract. Malar.:417-444, 1946.
Stillson, Amer. Waterworks Assoc. J. 38:629-630, 1946.
Weathersbee, Natl. Malar. Soc. J. 5:268-269, 1946.

LARVICIDES - ACETIC ACID

Deonier et al., J. Ec. Ent. 39:460,462, 1946.

LARVICIDES - ANABASINE

b Siegler & Bowen, J. Ec. Ent. 39. 673-674, 1946.

LARVICIDES - BENZENE HEXACHLORIDE

Annand, USDA EPQ R. f. 1946/47.19.
Deonier et al., J. Ec. Ent. 39 460, 462, 1946.

b Ginsburg, N. J. Mosq. Exterm Assoc. P. 34:132-135, 1947.

Hansens & Hart, N. J. Mosq. Exterm. Assoc. P. 34:137, 1947.

Roth et al., Mosq. News 7:155-156, 1947.

U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:157,387, 1947.

LARVICIDES - BENZENE HEXACHLORIDE, see also LARVICIDES - DDT & BENZENE HEXACHLORIDE

LARVICIDES - BENZENES, ALPHA-TRICHLOROMETHYL-SUBSTITUTED

Siegler & Fleck, J. Ec. Ent. 38 716-717, 1945

LARVICIDES - BENZENESULFONIC ACID, AROMATIC ESTERS

Siegler & Gertler, J. Ec. Ent. 39 662, 1946.

LARVICIDES - BORAX

Olson & Dahms, J. Ec. Ent. 38.603-604, 1945, Pub. Works 77(5) 24,39, 1946

LARVICIDES - BUTYL CARBITOL CHLOROACETATE

Loeffler & Hoskins, J. Ec. Ent. 39 592, 594-597, 1946.

LARVICIDES - CALCIUM ARSENATE

Gambrell, J. Ec. Ent. 39:170,173, 1946

U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:151,158, 1947.

LARVICIDES - CAMPHENE, CHLORINATED

Annand, USDA EPQ R. f. 1946/47:19.
Roth et al., Mosq. News 7:155-156, 1947.

Stearns et al., Del. B. 263:25, 1947.

LARVICIDES - CAMPHENE, CHLORINATED, see also LARVICIDES - TOXAPHENE

LARVICIDES - CHLORDANE

Annand, USDA EPQ R. f. 1946/47-17, 19.

LARVICIDES - CHLORDANE (VELSICOL 1068)

b Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.

LARVICIDES - CLOBOBEN, see

LARVICIDES - PARADICHLOROBENZENE (CLOBOBEN)

LARVICIDES - COPPER ARSENITE

U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:158, 1947.

LARVICIDES - COSTS

Ferguson, U. S. Pub. Health Rpts. 62:301, 1947.

Henderson, Amer. City 62(4):106, 1947.

Johnson, U. S. Pub. Health Rpts. 62:1089,1091,1094, 1947.

Martin, N. J. R. 67:80-81, 1947?

Mathis et al., U. S. Pub. Health Rpts. 101, 1947.

LARVICIDES - CRESYLIC ACID

Cal. St. Dept. Pub. Health B. 44 rev.. 41, 1945.

LARVICIDES - DDD, see LARVICIDES - DICHLORO-DIPHENYL- DICHLOROETHANE

LARVICIDES - DDT

Annand, USDA EPQ R. f. 1945/46:8, f. 1946/47 16-17,19-20.

Borden, Cal. C. 365 74-75, 1946.

Bradley, Cal. Mosq. Control Assoc. P. 14.17-18, 1946.

Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4) 12-13, 1946.

Deonier & Jones, Science 103:13-14, 1946.

Dorsey, J. Ec. Ent. 40 811-813, 1947.

Ferguson et al., Mosq. News 5:51, 1945

Gambrell, J. Ec. Ent. 39:170-171, 1946.

b Ginsburg, N. J. Mosq. Exterm. Assoc. P. 32:45-56, 1945.

Gray, Alameda Co. (Cal.) Mosq.

Abatement Dist. R. f. 1944 8-9, 1945.

Gray, Cal. Mosq. Control Assoc. P. 14 55-56, 1946.

Hansens & Hart, N. J. Mosq. Exterm. Assoc. P. 34:137, 1947

1 Henderson, Amer. City 62(4):105-106, 1947.

Henderson, Assoc. Méd. P. R. Bol. 39 93-96, 1947.

Hess, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 9, 1946.

Hurlbut et al., U. S. Nav. Med. Bul. 47.375-376, 1947.

Johnson, Natl. Malar. Soc. J. 5 4-5, 1946.

Knipe, Agr. Engin. 26:459-460, 1945.

Martin, N. J. R. 67:80-81, 1947?

Metcalf et al., U. S. Pub. Health Rpts. 60:765-766, 1945.

Questel, J. Ec. Ent. 39:535, 1946.

Raley, Mosq. News 7:63, 1947.

1 Rice, Farmacéutico 22(10).36, 1946

Rice, Assoc. Méd. P. R. Bol. 39:171-172, 1947.

Roth et al., Mosq. News 7.154-156, 1947.

Simmons, U. S. Pub. Health Rpts. 60: 923-927, 1945.

Simmons, J. Ec. Ent. 39:15-16, 1946.

Simmons, Natl. Malar. Soc. J. 5:159-160, 1946.

Simmons et al., Mosq. News 7:139-144, 1947.

1 Stearns et al., N. J. Mosq. Exterm. Assoc. P. 33:150-153, 1946.

- LARVICIDES - DDT--Continued.
Watson et al., Natl. Malar. Soc. J. 5: 195-196, 199, 203, 1946.
Wilbar, Hawaii Bd. Health R. f. 1944/45-66.
Wilbar, Amer. J. Pub. Health 37:671-674, 1947.
b Wisecup et al., Mosq. News 6:14-16, 1946.
Wolman, Pan Amer. Union B. Ofic. Sanit. 25:323, 1946.
Yust, J. Ec. Ent. 40:766-768, 1947.
Cal. St. Dept. Pub. Health B. 44 rev.: 42, 1945.
i U. S. Army Med. Dept. B. 4:537-539, 1945.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:12-20, 1946.
U. S. Pub. Health Serv., Pan Amer. Union B. Ofic. Sanit. 26:772-774, 1947.
U. S. War Dept. TB Med. 194(PB-2436): 8-12, 1945.
- LARVICIDES - DDT - IN NATURAL WATERS
U. S. Army Med. Dept. B. 4:633-634, 1945.
- LARVICIDES - DDT - TESTS
Brescia & Wilson, J. Ec. Ent. 40:309-313, 1947.
b Bushland, Mosq. News 7:14-17, 1947.
Carlson & Yothers, J. Ec. Ent. 39:408-409, 1946.
b Deonier & Burrell, J. Ec. Ent. 38: 425-427, 1945.
Deonier et al., J. Ec. Ent. 38:241-243; 244-249, 1945.
b Deonier et al., Soap & Sanit. Chem. 22(11):118-119, 139, 1946.
Eide et al., J. Ec. Ent. 38:537-541, 1945.
Fairchild & Barreda, J. Ec. Ent. 38: 694-699, 1945.
b Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.
Incho & Deonier, Mosq. News 7:67-70, 1947.
b Knipling, Natl. Malar. Soc. J. 4:77-92, 1945.
Maple, J. Ec. Ent. 38:437-439, 1945.
Mathis et al., U. S. Pub. Health Rpts. 62:95-102, 1947.
Olson & Dahms, J. Ec. Ent. 38:602-604, 1945; Pub. Works 77(5):24, 39, 1946.
Siegler & Bowen, J. Ec. Ent. 39:673-674, 1946.
Upholt et al., U. S. Pub. Health Rpts. Sup. 186:90-96, 1945.
Yates, J. Ec. Ent. 39:468-471, 1946.
- LARVICIDES - DDT - RELATED COMPOUNDS
b Deonier et al., Soap & Sanit. Chem. 22(11):118-119, 139, 1946.
Ginsburg, Science 105:233-234, 1947.
- LARVICIDES - DDT - TOXICITY - EFFECT OF MUD
b Upholt, U. S. Pub. Health Rpts. 62: 302-309, 1947.
- LARVICIDES - DDT - TOXICITY TO MOSQUITOES
Brescia, J. Ec. Ent. 40:441, 1947.
- LARVICIDES - DDT - TOXICITY TO MOSQUITOES--Continued.
Hurlbut & Bohart, J. Ec. Ent. 38:725, 1945.
Jones et al., J. Ec. Ent. 39:672-673, 1946.
- LARVICIDES - DDT - TOXICITY TO PLANKTON ORGANISMS
Bishop, U. S. Pub. Health Rpts. 62: 1263-1268, 1947.
- LARVICIDES - DDT - TOXICITY TO WILDLIFE
Erickson, U. S. Pub. Health Rpts. 62: 1254-1262, 1947.
bi Hess & Keener, J. Wildlife Mangt. 11:1-10, 1947.
Tarzwell, U. S. Pub. Health Rpts. 62: 525-554, 1947.
- LARVICIDES - DDT & BENZENE HEXA-CHLORIDE
Annand, USDA EPQ R. f. 1946/47:13, 19.
- LARVICIDES - DDT & KEROSENE
b Johnson & Goodman, U. S. Pub. Health Rpts. 62:1193-1198, 1947.
- LARVICIDES - DDT & OIL
Annand, USDA EPQ R. f. 1944/45:9.
b Arnold et al., U. S. Pub. Health Rpts. Sup. 186:66-79, 1945.
Botsford & Elston, Conn. B. 512:38-39, 42-45, 1946.
Dews & Morrill, J. Ec. Ent. 39:349, 1946.
b Ferguson, U. S. Pub. Health Rpts. 62:296-302, 1947.
Johnson, U. S. Pub. Health Rpts. 62: 1085-1095, 1947.
b Johnson & Goodman, U. S. Pub. Health Rpts. 62:1191-1192, 1195-1198, 1947.
McDuffie et al., J. Ec. Ent. 39:745, 749, 1946.
Marshall, U. S. War Dept. TB Med 164:2-3, 9-10, 1945.
Mathis et al., U. S. Pub. Health Rpts. 62:95, 98-102, 1947.
Oppermann, Franklin Inst. J. 240:252-253, 1945.
Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:279-280, 340.
Robinson et al., Cal. Mosq. Control Assoc. P. 14:56-59, 1946.
Tower, Maine For. Serv. C. 7:5, 1947.
Wisecup, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:7, 1946.
b Wisecup et al., Mosq. News 7:103-108, 1947.
- LARVICIDES - DDT & OIL - DISPENSER
Hansens, J. Ec. Ent. 40:755, 1947.
- LARVICIDES - DDT & OIL - FLORIDA WATERS
Burrell et al., Mosq. News 7:11-13, 1947.
- LARVICIDES - DDT & OIL - RESIDUAL EFFECTS
Johnson, U. S. Pub. Health Rpts. 62: 1091, 1947.
- LARVICIDES - DDT & OIL - TOXICITY TO FISH
Ferguson, U. S. Pub. Health Rpts. 62: 301, 1947.

- LARVICIDES - DDT & OIL (CRANK CASE)**
Barber, Mosq. News 5:54, 1945.
- LARVICIDES - DDT & OIL (DIESEL)**
Gjullin & Yates, Cal. Mosq. Control Assoc. P. 15:24-25, 1947.
Yates & Gjullen, Mosq. News 7 4-6, 1947.
- LARVICIDES - DDT & OIL (FUEL)**
i Hansens & Hart, N. J. Mosq. Exterm. Assoc. P. 34:138-143, 1947.
- LARVICIDES - DDT & OIL MIXTURES**
Longworth, N. J. Mosq. Exterm. Assoc. P. 34:102-108, 1947.
- LARVICIDES - DDT & PARADICHLORO-BENZENE**
Johnson, U. S. Pub. Health Rpts. 61 1185-1188, 1946.
McDuffie et al., J. Ec. Ent. 39 745-746, 749, 1946.
- LARVICIDES - DDT & VELSICOL NR-70**
Metcalf et al., Cal. Mosq. Control Assoc. P. 15:28-34, 1947
- LARVICIDES - DDT & XYLENE**
Reeves, Cal. Mosq. Control Assoc. P. 14:59-60, 1946.
- LARVICIDES - DDT & XYLENE & TRITON-X-100**
Gjullin & Yates, Cal. Mosq. Control Assoc. P. 15:25, 1947.
Wisecup et al., J. Ec. Ent. 38 686-688, 1945, 39 52-55, 1946.
Yates & Gjullen, Mosq. News 7 4-6, 1947.
- LARVICIDES - DDT (NONWETTABLE DUST)**
b Maple et al., Mosq. News 6:127-130, 1946.
- LARVICIDES - DDT EMULSIONS**
Eide et al., Mosq. News 6:17-19, 1946.
Knowles & Fisk, U. S. Pub. Health Rpts 60:1005-1019, 1945.
b Wisecup et al., Mosq. News 7 103-108, 1947.
- LARVICIDES - DDT ISOMERS**
Ginsburg, Science 105:233-234, 1947.
- LARVICIDES - DDT MIXTURES**
Fairchild & Barreda, J. Ec. Ent. 38: 694-699, 1945.
b Ginsberg & Hansens, N. J. Exterm Assoc. P. 33:9-17, 1946.
Lee, N. J. Mosq. Exterm. Assoc. P. 34: 70-71, 1947.
Madden et al., Soap & Sanit. Chem. 23(3):141,143, 1947.
Travis & Bohart, J. Ec. Ent. 39:740-742, 1946.
Travis et al., J. Ec. Ent. 39:726-728, 1946.
Wisecup et al., J. Ec. Ent. 38:434-436, 1945.
- LARVICIDES - DDT SUSPENSIONS, COLLOIDAL**
Jones & Fluno, J. Ec. Ent. 39:536-537, 1946.
- LARVICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE**
Deonier & Jones, Science 103:13-14, 1946.
Deonier & Jones, Sci. News Let. 49:35-36, 1946.
- LARVICIDES - DICHLORO-DIPHENYL-DICHLOROETHANE--Continued.**
b Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.
- LARVICIDES - DICHLORO-DIPHENYL-TRICHLOROETHANE, see LARVICIDES - DDT**
- LARVICIDES - DINITRO-O-CRESOL**
b Carlson & Yothers, J. Ec. Ent. 39: 408-409; 409-410, 1946.
b Yothers & Carlson, J. Ec. Ent. 39: 407-408, 1946.
- LARVICIDES - 4, 6-DINITRO-O-CRESOL EMULSION**
b Carlson & Yothers, J. Ec. Ent. 38: 723, 1945.
Yothers & Carlson, J. Ec. Ent. 38:723-724, 1945.
- LARVICIDES - DINITRO-O-CYCLO-HEXYLPHENOL & OIL EMULSION**
Yates, J. Ec. Ent. 39:468-471, 1946.
- LARVICIDES - 2, 4-DINITROANILINES, N-SUBSTITUTED**
Siegler & Gertler, J. Ec. Ent. 38:708-709, 1945.
- LARVICIDES - DINITROPHENOL DERIVATIVES**
Magy & Hoskins, J. Ec. Ent. 38:524-527, 1945.
- LARVICIDES - DIPHENYLAMINE**
Loeffler & Hoskins, J. Ec. Ent. 39: 594-595, 1946
- LARVICIDES - EPICHLOROHYDRIN**
Loeffler & Hoskins, J. Ec. Ent. 39: 592,594,596, 1946.
- LARVICIDES - GASOLINE**
Tower, Maine For. Serv. C. 7.5, 1947
- LARVICIDES - GLYCINONITRILES**
Siegler & Gertler, J. Ec. Ent. 39 670, 1946.
- LARVICIDES - HERCULES 3956, see LARVICIDES - TOXAPHENE**
- LARVICIDES - KEROSENE**
Tower, Maine For. Serv. C. 7.5, 1947.
- LARVICIDES - KEROSENE, see also LARVICIDES - DDT & KEROSENE**
- LARVICIDES - LEAD ARSENATE**
i Gambrell, J. Ec. Ent. 39:169-170, 173, 1946.
Siegler & Bowen, J. Ec. Ent. 39 673-674, 1946.
- LARVICIDES - LEAD ARSENATE & SULFUR**
Gambrell, J. Ec. Ent. 39 170,173, 1946.
- LARVICIDES - LIME & PARIS GREEN**
i Felton et al., N. J. Mosq. Exterm. Assoc. P. 33:55-56,63, 1946.
- LARVICIDES - METHOXYCHLOR**
b Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:132-135, 1947.
Roth et al., Mosq. News 7:155, 1947.
- LARVICIDES - NEW JERSEY LARVICIDE, see LARVICIDES - PYRETHRUM & OIL EMULSION**
- LARVICIDES - NICOTINE**
b Siegler & Bowen, J. Ec. Ent. 39:673-674, 1946.
- LARVICIDES - M-NITROBENZAMIDES, N-SUBSTITUTED**
Siegler & Gertler, J. Ec. Ent. 41:658-659, 1948.

- LARVICIDES - NORNICOTINE
b Siegler & Bowen, J. Ec. Ent. 39:673-674, 1946.
- LARVICIDES - OIL
Dews & Morrill, J. Ec. Ent. 39:349, 1946.
Gilmore & Levin, J. Ec. Ent. 38:397-398, 1945.
b Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:9-15, 22, 1946.
i Hansens & Hart, N. J. Mosq. Exterm. Assoc. P. 34:137-143, 1947.
Henderson, Amer. City 62(4) 105-106, 1947.
Levi-Castello, J. Ec. Ent. 38:388, 1945.
Maple, J. Ec. Ent. 38:437-438, 1945.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:95-96.
Tower, Maine For. Serv. C. 7 5, 1947.
Yates, J. Ec. Ent. 39:468-471, 1946.
Cal. St. Dept. Pub. Health B. 44 rev.: 35-39, 1945.
U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:151-157, 385, 1947.
- LARVICIDES - OIL, see also LARVICIDES - DDT & OIL
- LARVICIDES - OIL - SPREADERS & STICKERS
Burrell et al., Mosq. News 7 11-13, 1947.
- LARVICIDES - OIL (FUEL)
Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:56-57, 60, 63, 1946.
Longworth, N. J. Mosq. Exterm. Assoc. P. 34:102-108, 1947.
- LARVICIDES - OIL EMULSION
Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:57, 62, 1946.
- LARVICIDES - OIL EMULSION, see also LARVICIDES - DINITRO-O-CYCLOHEXYLPHENOL & OIL EMULSION, LARVICIDES - PYRETHRUM & OIL EMULSION
- LARVICIDES - ORGANIC COMPOUNDS
b Loeffler & Hoskins, J. Ec. Ent. 39:589-597, 1946.
- LARVICIDES - ORTHODICHLOROBENZENE
McDuffie et al., J. Ec. Ent. 39:745, 747, 749, 1946.
- LARVICIDES - PARADICHLOROBENZENE
McDuffie et al., J. Ec. Ent. 39:743-744, 749, 1946.
Travis & Bohart, J. Ec. Ent. 39:741-742, 1946.
- LARVICIDES - PARADICHLOROBENZENE, see also LARVICIDES - DDT & PARADICHLOROBENZENE
- LARVICIDES - PARADICHLOROBENZENE (CLOROBEN)
i Appel, Sewage Works Engin. 18:14-15, 1947.
- LARVICIDES - PARIS GREEN
Bradley, Cal. Mosq. Control Assoc. P. 14:17, 1946.
Deonier et al., J. Ec. Ent. 38:242, 1945.
i Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:55-61, 63, 1946.
Henderson, Amer. City 62(4):104-106, 1947.
- LARVICIDES - PARIS GREEN--Continued.
Marshall, U. S. War Dept. TB Med 164:10-11, 1945.
Mathis et al., U. S. Pub. Health Rpts. 62:95, 97-102, 1947.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:95-96.
Price & Lyman, U. S. Pub. Health Rpts. 60:987, 1945.
Yates, J. Ec. Ent. 39:468-471, 1946.
Cal. St. Dept. Pub. Health B. 44 rev.: 39-40, 1945.
U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:151-153, 161-164, 174, 176, 181, 386, 411, 1947.
- LARVICIDES - PARIS GREEN, see also LARVICIDES - LIME & PARIS GREEN
- LARVICIDES - PARIS GREEN vs. DDT
Watson et al., Natl. Malar. Soc. J. 5:196, 1946.
- LARVICIDES - PHENOTHIAZINE
b Bushland, Mosq. News 7:14-17, 1947.
Cal. St. Dept. Pub. Health B. 44 rev.: 41-42, 1945.
- LARVICIDES PHENOTHIAZINE vs. DDT
Deonier et al., J. Ec. Ent. 38:242, 1945.
- LARVICIDES - PHENYLHYDRAZINES, N-SUBSTITUTED
Siegler & Gertler, J. Ec. Ent. 39 416-417, 1946.
- LARVICIDES - PYRETHRINS
Annand, USDA EPQ R. f. 1946/47:19.
- LARVICIDES - PYRETHRUM
Tower, Maine For. Serv. C. 7 5-6, 1947.
Cal. St. Dept. Pub. Health B. 44 rev.: 40-41, 1945.
- LARVICIDES - PYRETHRUM & OIL EMULSION
Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:60, 1946.
b Ginsburg, Mosq. News 6:137-139, 1946.
- LARVICIDES - PYRETHRUM EMULSION
Yates, J. Ec. Ent. 39:468-471, 1946.
- LARVICIDES - ROTENONE EMULSION
Olson & Dahms, J. Ec. Ent. 38:602-604, 1945; Pub. Works 77(5):24, 39, 1946.
- LARVICIDES - SODIUM ARSENITE
Travis & Bohart, J. Ec. Ent. 39:741-742, 1946.
- LARVICIDES - SULFUR
Gambrell, J. Ec. Ent. 39:170, 173, 1946.
- LARVICIDES - SULFUR, see also LEAD ARSENATE & SULFUR
- LARVICIDES - TESTS
Deonier et al., J. Ec. Ent. 39:459-462, 1946.
i Deonier et al., USDA EPQ E-733:7-9, 15-16, 20-235, 1947.
Gertler, USDA EPQ E-705:9-10, 1946.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:58.
Travis & Bohart, J. Ec. Ent. 39:740-742, 1946.

- LARVICIDES - p-TOLUENESULFON-AMIDES, N-SUBSTITUTED
b Siegler & Gertler, J. Ec. Ent. 38 715, 1945.
- LARVICIDES - p-TOLUENESULFONIC ACID, AROMATIC ESTERS
Siegler & Gertler, J. Ec. Ent. 39:674, 1946.
- LARVICIDES - α - TOLUNITRILES - TESTS
Siegler & Gertler, J. Ec. Ent. 39 670, 1946.
- LARVICIDES - TOXAPHENE
Deonier et al., J. Ec. Ent. 39 460, 462, 1946.
b Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34 132-135, 1947
i Stearns et al., N. J. Mosq. Exterm. Assoc. P. 33 150-153, 1946
Trullinger et al., USDA OES R. f. 1945/46-115, 1947
- LARVICIDES - TOXAPHENE, see also
LARVICIDES - CAMPHENE,
CHLORINATED
- LARVICIDES - TOXICITY TO INSECTS - TIME ELEMENT
b Yates, J. Ec. Ent. 39 468-471, 1946
- LARVICIDES - 1-TRICHLOROMETHYL-2, 2-METHYLENE BIS (4,6-DICHLOROPHENYL) DI-ESTER
Deonier et al., J. Ec. Ent. 39 460, 462, 1946
- LARVICIDES - VELSICOL 1068, see
LARVICIDES - CHLORDANE
(VELSICOL 1068)
- LARVICIDES & pH VALUE OF WATER
Magy & Hoskins, J. Ec. Ent. 38:524-526, 1945.
- LASIODERMA SERRICORNE (F.) (CIGARETTE BEETLE)*
Gray, Can. Food Packer 17(11) 27, 1946.
Michelbacher, Pests 15(6) 10, 12, 1947.
Stirrett, Can. Ins. Pest Rev. 25 122, 1947
Thompson, Can. Ins. Pest Rev. 24:43, 1946.
USDA Tob. Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946-11-12, 1947.
- LASIODERMA SERRICORNE - CONTROL
Bare et al., J. Ec. Ent. 39 612-613, 1946.
Garner, Prod. of Tob. 295-300, 1946.
i Tenhet & Bare, J. Ec. Ent. 39:607-609, 1946.
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Stored & Mfd. Tob., 4 p., 1947.
- LASIODERMA SERRICORNE - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47:7.
Monro & Delisle, Sci. Agr. 25:797-816, 1945; abridged in Pests 14(9):14, 16-17, 20-22, 1946.
Tenhet, J. Ec. Ent. 38:449-451, 1945.
Tenhet, USDA EPQ E-717, 5 p., 1947.
- LASIODERMA SERRICORNE - INSECTICIDES - DDT
White, USDA EPQ E-642:7, 1945.
- LASIODERMA SERRICORNE - INSECTICIDES - SUBLETHAL DOSAGES
Tenhet, J. Ec. Ent. 40:910-911, 1947.
- LASIODERMA SERRICORNE - NUTRITION
Fraenkel, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2, 2, 1947
- LASIODERMA SERRICORNE - PEANUTS, SHELLED
Bissell & Du Pree, J. Ec. Ent. 39 550-552, 1946.
- LASIODERMA SERRICORNE - REARING
b Bare et al., USDA EPQ ET-247, 11 p., 1947.
- LASIOGLOSSUM LUSTRANS (Ckll.)
Michener, N. Y. Ent. Soc. J. 55 49-50, 1947
- LASIOPTERA VITIS O.-S. (GRAPEVINE TOMATO GALL)
Flemming & Manes, J. Ec. Ent. 40 849-850, 1947
- LASIOSEIUS POMI (Parrot) - INSECTICIDES
Roark, USDA EPQ F-655 9, 1945.
- LASIUS CLAVIGER (Roger) (SMALLER YELLOW ANT)*
Rau, Ent. News 56 119, 1945
- LASIUS FLAVUS NEARCTICUS Whlr
Hicks, Can. Ent. 79:170-171, 1947.
- LASIUS INTERJECTUS Mayr. (LARGER YELLOW ANT)*
Back, USDA Leaf 147 rev. 3, 1946.
i Berger, Ill. Nat. Hist. Surv. C. 41 5-6, 1947
Groskin, Ent. News 58 67-72, 1947
Smith et al., Kans. Ent. Soc. J. 19 42, 1946.
- LASIUS NIGER ALIENUS AMERICANUS Emery (CORNFIELD ANT)*
b Gregg, Ent. Soc. Amer. Ann. 38:529-548, 1945.
Haskins, Can. Nature 8:142, 1946.
Jaynes & Marucci, J. Ec. Ent. 40 19, 1947.
- LASIUS NIGER ALIENUS AMERICANUS - FLIGHT
Talbot, Amer. Mid. Nat. 34:504-506, 510, 1945.
- LASIUS NIGER NEONIGER Emery
b Gregg, Ent. Soc. Amer. Ann. 38 529-548, 1945.
Jaynes & Marucci, J. Ec. Ent. 40:19, 21, 1947.
Talbot, Ecology 27:65-70, 1946.
- LASPEYRESIA CARYANA (Fitch) (HICKORY SHUCKWORM)* (PECAN SHUCKWORM)
Annand, USDA EPQ R. f. 1943/44:3-4; f. 1946/47:11-12.
i Bissell & Firor, Ga. Ext. B. 501 rev., 1947.
Houser, Amer. Fruit Grow. 67(6):36, 1946.
i Musser et al., S. C. Ext. C. 301:23-24, 1947.
Phillips, Fla. R. f. 1946/47:71.
i Phillips & Cole, Fla. B. 411:12-15, 1945; rev.:11-14, 1947.
Pierce & Lyle, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:8, 1946.

- LASPEYRESIA CARYANA--Continued
USDA Tree Nuts Advisory Com., Rpt.
& Recom. under Res. & Mktg. Act
of 1946:3-4, 1947.
- LASPEYRESIA INTERSTINCTANA Clem.,
see GRAPHOLITHA INTERSTINC-
TANA (Clem.)
- LASPEYRESIA NIGRICANA (Steph.) (PEA
MOTH)*
Baker & Doucette, Wash. B. 470:149,
1945.
Baker & Perron, Ent. Soc. Ont. R. 75-
22-33, 1945.
Cannon, Can. Ins. Pest Rev. 24:11,
1946.
Glendenning, Can. Ins. Pest Rev. 24-
117, 1946.
Glendenning et al., Can. Ins. Pest Rev.
25:36, 1947.
Neary, N. S. Dept. Agr. R. f. 1943/44.
101, 1945, f. 1944/45:103, 1946;
f. 1945/46:91, 1947.
Patterson & Neary, Can. Ins. Pest
Rev. 24:16, 1946.
- LASPEYRESIA NIGRICANA - PARASITES
b Fulton, B. C. Ent. Soc. P. 43:25-27,
1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:
17,67,80, f. 1946/47:82,97
Webster & Shenefeld, Wash. B. 470:39,
1945.
i Wishart, Ent. Soc. Ont. R. 77:36-37,
1947.
- LASPEYRESIA PACKARDI Zell., see
GRAPHOLITHA PACKARDI (Zell.)
- LASPEYRESIA SPLENDANA (Hbn.)
Annand, USDA EPQ R. f. 1946/47:68
- LASPEYRESIA YOUNGANA (Kearf.)
Watson & Raizenne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946-
36, 1947.
- LATANIA SCALE, see ASPIDIOTUS
LATANIAE Sign.
- *LATRINE FLY, see FANNIA SCA-
LARIS (F.)
- LATRODECTUS sp.
Rosa, Hawaiian Ent. Soc. P. 12:478,
1946.
- LATRODECTUS GEOMETRICUS Koch
(FALSE BLACK WIDOW SPIDER)
Blanchi, Hawaiian Ent. Soc. P. 12:245-
246, 1945.
- LATRODECTUS GEOMETRICUS - PARA-
SITES
Blanchi, Hawaiian Ent. Soc. P. 13:1,17,
1947.
i Pemberton & Rosa, Hawaiian
Planters' Rec. 50:29-37, 1946.
Rosa, Hawaiian Ent. Soc. P. 12:476,
1946.
Van Zwaluwenburg, Hawaiian Planters'
Rec. 50:14-15, 1946.
Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f.
1944/45:21, 1946.
- LATRODECTUS HASSELTII Thor. -
VENOM
b Essex, Physiol. Rev. 25:153-154,
1945.
- LATRODECTUS INDISTINCTUS Camp. -
VENOM
b Essex, Physiol. Rev. 25:153-155,
1945.
- LATRODECTUS MACTANS (F.) (BLACK
WIDOW SPIDER)*
i Carr, Desert Parade:60,62, 1947.
bi Baerg, Conn. Acad. Arts & Sci.
Trans. 36:99-104, 1945.
i Brooks & Alyea, Poisons:169-170,
1946.
i Dodge, Poisonous Dwellers of the
Desert:15-17, 1947.
i Herms, Pest Control & Sanit. 2(11).
8-11, 1947.
Manson & Arnason, Can. Ins. Pest
Rev. 25:112, 1947.
Manson et al., Can. Ins. Pest Rev. 24
104, 1946.
bi Meacham, Farm. Fed. News 27(9):
8,7, 1947.
i Miller, Pest Control & Sanit. 2(11):
22-23, 1947.
Murrill, Guide to Fla. Anim. 60-61,
1945.
i Sanborn, Okla. Ext. C. 223 rev..33-
35, 1946?
Semans, Ohio J. Sci. 45:28, 1945,
bi Thorp & Woodson, Black Widow
America's Most Poisonous Spider.
34-191, 1945.
- LATRODECTUS MACTANS - BITE
Baerg, Conn. Acad. Arts & Sci. Trans.
36:103-104, 1945.
Beck, Med. Assoc. Ga. J. 36:372, 1947.
Bell & Boone, Amer. Med. Assoc. J.
129:1016, 1945.
b Kirby-Smith, South. Med. J. 38:696-
698, 1945.
bi Thesing, Cincinnati J. Med. 26:63-
71, 1945.
- LATRODECTUS MACTANS - DUSTS -
DDT
Roark & McIndoo, USDA EPQ E-728:
150, 1947.
- LATRODECTUS MACTANS - LONGEVITY
b Deevey & Deevey, Conn. Acad. Arts
& Sci. Trans. 36:115-134, 1945.
- LATRODECTUS MACTANS - PARASITES
Blanchi, Hawaiian Ent. Soc. P. 12:245-
246, 1945; 13:17, 1947.
Pemberton, Hawaiian Sugar Planters'
Assoc. P. 66, Expt. Sta. R. f.
1945/46:25-26, 1947.
i Pemberton & Rosa, Hawaiian Plant-
ers' Rec. 50:29-37, 1946.
Van Zwaluwenburg, Hawaiian Plant-
ers' Rec. 50:15, 1946.
Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f.
1944/45:21-22, 1946.
i Woodson, Frontiers 12:6-7,29,31,
1947.
- LATRODECTUS MACTANS - PREDATORS
Baerg, Conn. Acad. Arts & Sci. Trans.
36:103, 1945.
Cowles, Sci. News Let. 49:382, 1946.
- LATRODECTUS MACTANS - PREY
Robinson, Ent. News 58:258, 1947.

- LATRODECTUS MACTANS - REARING
Deevey & Deevey, Conn. Acad. Arts & Sci. Trans. 36:117-118, 1945.
- LATRODECTUS MACTANS - SPRAYS - DDT & KEROSENE
Van Riper, Science 104:111, 1946.
- LATRODECTUS MACTANS - VENOM
b Essex, Physiol. Rev. 25:153-155, 1945.
- LATRODECTUS MACTANS - WEB - FABRIC PESTS
Linsley, Pests 14(7) 16, 1946.
- LATRODECTUS MACTANS HESPERUS
Chamblin & Ivie - EFFECT OF TARANTULA VENOM
Miller, J. Ent. & Zool. 39:53-55, 66, 1947.
- LAUREL LEAF MINER, see JOCARA MAJUSCULA (H.-S.)
- LAUXANIDAE - DISTRIBUTION
Steyskal, Ent. News 58:72-73, 1947.
- LAWN INSECTS
bi Bohart, Hilgardia 17 267-308, 1947
Farnham & Ingham, Grounds for Living. 100-102, 1946.
Knutson, R. I. Dept. Agr. & Conserv. R. 12:36,55, 1947.
Lantz et al., Iowa Ext. B. P80 655-656, 1946.
i Scott, O. M. & Sons Co., Lawn Care No. 41 3-4, 44 1-4, 52-2, 80-1-3, 82-3; 84:1-3, 194-?
- LAWN INSECTS - INSECTICIDES
Filmer & Smith, Golfdom 19(8)-9, 1945.
Filmer & Smith, Greenkeepers' Rptr. 13(4)-24, 1945.
bi Gambrell, J. Ec. Ent. 39:168-173, 1946.
- LAWN INSECTS - INSECTICIDES - DDT
i Johnson & Quackenbush, Flower Grow. 34:498,515-517, 1947.
- LEAF-CUTTING BEES, see MEGACHILE (Latr.)
- LEAF-FEEDING INSECTS
bi Boyd, N. J. Dept. Agr. C. 355-5-6, 1945.
Farrar, Arbor. News 11:42, 1946.
i Prebble & Graham, B. C. Lumberm. 29(2):25-27,42,44,46,48, 1945.
b Wallace, Conn. B. 488-358-373, 1945.
- *LEAF-FOOTED BUG, see LEPTOGLOSSUS PHYLLOPOUS (L.)
- LEAF MINERS - CONTROL
i Lehker, Ind. Ext. B. 239 rev.:14, 1947.
- LEAF RUST OF WHEAT, see INSECTS & PLANT DISEASE - LEAF RUST OF WHEAT
- LEAFHOPPERS
Bird & Mitchener, Can. Ins. Pest Rev. 24:70, 1946.
i Cummings, Amer. Nurserym. 83(8): 9, 1946.
Flinger, Kans. C. 235:37,40, 1946.
i Fullaway & Krauss, Common Insects of Hawaii:56-62, 1945.
Graham et al., Md. Ext. B. 112:9, 1946.
Oliver et al., Peanut J. & Nut World 24(8):30, 1945.
Smith et al., Kans. Ent. Soc. J. 20:54, 1947.
Stirrett, Can. Ins. Pest Rev. 25:18, 1947.
- LEAFHOPPERS--Continued.
Underhill & Bodenstein, Va. TB 97:11, 1946.
- LEAFHOPPERS, see also CICADELLIDAE
- LEAFHOPPERS - DAHLIAS
Neiswander, Down to Earth 2(3):14-15, 1946.
- LEAFHOPPERS - FEEDING - EFFECT ON PLANTS
i Severin, Hilgardia 17:219-226, 1947.
- LEAFHOPPERS - INSECTICIDES
Anderson, USDA R. Sec. f. 1946 144.
Annand, USDA EPQ R. f. 1945/46:5, f. 1946/47:21.
Chapman, Pa. St. Hort. Assoc. P. 88 74,78-79, 1947.
Clark & Hoveland, Wis. B. 466-5-6, 1945, 472-16, 1947.
Doyle et al., Quebec Soc. Protect. Plants R. 30:160,164,167,169, 1947.
i Lehker, Ind. Ext. B. 239 rev.:5-6, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev.:47, 1946
Sherwood & Bishop, W. Va. Ext. C. 325 rev.:19-20, 1945.
- LEAFHOPPERS - INSECTICIDES - DDT
Baker & Porter, USDA EPQ E-637 4, 1945.
Bjornseth, Mich. Quart. B. 28:191-193, 1946.
Graham, North. Nut Grow. Assoc. R. 36:102, 1946.
Haseman et al., Mo. C. 309 6, 1946.
Marcovitch & Stanley, Tenn. R. 59. 94, 1947.
Munro et al., N. Dak. Bimo. B. 9 110, 1947.
i Stanley & Marcovitch, Tenn. C. 97 3, 1947.
Steiner, Va. Fruit 34:145, 1946.
Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:144, 1946.
- LEAFHOPPERS - SURVEYS
Davis, Oreg. St. Hort. Soc. R. 39:49, 1947.
- LEAFHOPPERS - TRAPS - LIGHT
b Herms, Hilgardia 17:363-365,367-368,374, 1947.
- LEAFHOPPERS & PLANT DISEASE - ALFALFA DWARF DISEASE
b Hewitt et al., Phytopathology 36:117-128, 1946.
- LEAFHOPPERS & PLANT DISEASE - CALIFORNIA ASTER YELLOWS
bi DeLong & Severin, Hilgardia 17:1-20, 1945, 17:527-537, 1947.
bi Frazier & Severin, Hilgardia 16: 621-644, 1945.
bi Severin, Hilgardia 17:21-59, 1945, 17:121-137, 1946; 17:219-226, 511-523; 541-543, 1947.
bi Severin & Frazier, Hilgardia 16: 573-586, 1945.
- LEAFHOPPERS & PLANT DISEASE - CRANBERRY FALSE BLOSSOM
Chandler et al., Cranberries 12(2):8, 1947.

- LEAFHOPPERS & PLANT DISEASE -
CURLY TOP
Carsner & Owen, USDA YB f. 1943/47:
358-360.
bi Giddings, Phytopathology 36:38-56,
1946.
- LEAFHOPPERS & PLANT DISEASE -
LETTUCE YELLOWS
Turner, Conn. Veg. Grow. Assoc. P.
35-58, 1947.
- LEAFHOPPERS & PLANT DISEASE -
NET NECROSES OF POTATO
Manns, Phytopathology 36 686-687,
1946. (Abs.)
- LEAFHOPPERS & PLANT DISEASE -
PHLOEM NECROSIS
i Tucker, Mo. C. 305.15 p., 1945
- LEAFHOPPERS & PLANT DISEASE -
PIERCE'S DISEASE OF GRAPE-
VINES
b Frazier & Freitag, Phytopathology
36.634-637, 1946.
b Hewitt et al., Phytopathology 36:117-
128, 1946.
- LEAFHOPPERS & PLANT DISEASE -
STUNT OF BLUEBERRY
Martin, N. J. R. 67 53, 1947?
Weiss, N. J. Dept. Agr. R. 32:144-145,
1947.
- LEAFHOPPERS & PLANT DISEASE -
VIRUS DISEASE
Annand, USDA EPQ R. f. 1946/47-28
Severin, Hilgardia 17:24-27, 1945.
- LEAFHOPPERS & PLANT DISEASE -
YELLOW TOP OF POTATO
bi Folsom, Maine B. 446:89-91, 1946.
- LEAFROLL OF POTATO, see under
genera: CALCORIS; CHLORITA,
EUPHYRYX, LYGUS, MACROSI-
PHUM, MYZUS, PSYLLIODES;
TIPULA, TYPHLOCYBA; and
APHIDS & PLANT DISEASE -
LEAFROLL OF POTATO
- LECANIODIASPIS sp.
Romney, J. Ec. Ent. 39:671, 1946.
- LECANIODIASPIS DENDROBII (Doug.)
Swezey, Hawaiian Ent. Soc. P. 12:376,
1945.
- LECANIUM sp.
Bailey, Mass. B. 428:59, 1945; 441:63,
1947.
- LECANIUM CERASORUM Kell. (CALICO
SCALE)*
Smith, Cal. Ext. C. 46 rev.:42, 1947.
- LECANIUM CORNI Bouché (EUROPEAN
FRUIT LECANIUM)* (BROWN
APRICOT SCALE)
Ebeling, Cal. Ext. C. 43 rev.:51, 1947.
Howard & Brooks, Cal. Ext. C. 117
rev.:39, 1947.
Jones et al., Oreg. C. Inform. 405:4,
1947.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:20.
Mills & Dewey, N. Y. (C.) Ext. B. 711:
71-72, 75, 78, 1947.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:56, 1945.
Smith, Cal. Ext. C. 98 rev.:47, 1946.
Smith, Cal. Ext. C. 46 rev.:42, 1947.
Oreg. C. Inform. 407:4, 1947.
- LECANIUM CORYLI (L.)
Childs et al., Oreg. Ext. B. 664.2,
1946.
- LECANIUM KUNOENSIS Kuw. (KUNO
SCALE)
Armitage et al., Cal. Dept. Agr. B. 35:
196, 1947.
Keifer, Cal. Dept. Agr. B. 33:252,
1945.
- LECANIUM NIGROFASCIATUM Perg.
(TERRAPIN SCALE)*
Beckwith, N. J. Dept. Agr. C. 356:48,
1945.
Beckwith, USDA FB 1951 rev.:36, 1946.
Chandler, Ill. St. Hort. Soc. Trans.
80.139, 1947.
i Graham et al., Md. Ext. B. 105.27,
1945, 112.35, 1946.
bi Marcovitch & Stanley, Tenn. B. 195
21, 1945.
Va. Ext. B. 131 rev. 22, 1947.
- LECANIUM PRUINOSUM Coq.
(FROSTED SCALE)
Michelbacher et al., J. Ec. Ent. 39
812-813, 1946.
b Middlekauff et al., J. Ec. Ent. 40
442-444, 1947.
- LECHRIOPS PSIDII Mshll.
Martorell, P. R. Univ. J. Agr. 29.465-
466, 1945.
- LECONTE'S SAWFLY, see NEODIPRION
LECONTEI (Fitch)
- LEGUME BUGS, see LYGUS Hahn
- LEGUME INSECTS & SEED PRODUCTION
Walker, Utah B. 327.4-5, 1947
- LEGUME WEEVIL, see HYPERA BRUN-
NEIPENNIS (Boh.)
- LEIOPUS ALPHA (Say) 250, L. CINERE-
US Lec. 250, L. CRASSULUS (Lec.)
249, L. PUNCTATUS (Hald.) 249, L.
VARIEGATUS (Hald.) 248
Knull, Ohio Biol. Surv. B. 39: 1946.
- LEISHMANIASIS, see under genus
FLEBOTOMUS
- LEMA NIGROVITTATA (of Hawaiian auth.,
not Guér.), see LEMA TRILINEATA
CALIFORNICA Schaeff.
- LEMA PECTORALIS Baly
Swezey, Hawaiian Ent. Soc. P. 12:355,
1945.
- LEMA TRILINEATA (Oliv.) (THREE-
LINED POTATO BEETLE)*
i Blackaller V., Fitófilo 4:364-370,
1945.
- LEMA TRILINEATA CALIFORNICA
Schaeff.
Krauss, Hawaiian Ent. Soc. P. 13:4,
1947.
Van Zwaluwenburg, Hawaiian Ent. Soc.
P. 13:23, 1947.
- LEMN INSECTS - CONTROL - COSTS
Cal. Ext. Citrus Prod. Cost Study
Lemons & Grapefruit San Bernardino
Co. 1945:5.11; 1946:5.
- *LEOPARD MOTH, see ZEUZERA
PYRINA (L.)
- LEPERISINUS ACULEATUS (Say)
i Beal & Massey, Duke Univ. School
For. B. 10:88-89, 1945.
- LEPERISINUS CALIFORNICUS Swaine
(OLIVE BARK BEETLE)
Condit, Cal. Ext. C. 135:34, 1947.

- LEPIDOPTERA**
 Buckell, B. C. Ent. Soc. P. 43 11-21, 1947.
 i Kieran, Footnotes on Nature. 202-212, 275-276, 1947.
 Stehr, Ohio J. Sci. 45 18, 1945.
 Swezey, Hawaiian Ent. Soc. P. 12 625-628, 1946.
- LEPIDOPTERA, see also BUTTERFLIES, CATERPILLARS, MICROLEPIDOPTERA, MOTHS, SKIPPERS**
- LEPIDOPTERA - BIBLIOGRAPHY**
 Remington & Clench, Lepidopterists' News 1:4-7, 16, 28-29, 40-41, 52-55, 64-68, 76-80, 97, 1947.
- LEPIDOPTERA - COLLECTION & PRESERVATION**
 Damerell, Ent. News 56 74-75, 1945.
 Newman, Ent. News 56:7-9, 1945.
- LEPIDOPTERA - COLLECTIONS**
 Dos Passos, N. Y. Ent. Soc. J. 53 62, 1945.
 Rogers, Bklyn. Ent. Soc. B. 41 14, 1946.
- LEPIDOPTERA - CUTICLE - CHITIN IN SCALES**
 b Richards, Ent. Soc. Amer. Ann. 40 227-240, 1947.
- LEPIDOPTERA - FABRIC DESIGNS**
 i Cadwallader, Textile Color & Converter 68(12) 15, 1946.
- LEPIDOPTERA - FOOD & HOST PLANTS**
 Forbes, N. Y. (C.) M. 274 247-251, 1947.
 Remington, Lepidopterists' News 1 25, 1947.
- LEPIDOPTERA - INSECTICIDES**
 McIndoo, USDA EPQ E-713:4-34, 1947
 Roark, USDA EPQ E-656 15-21, 1945
 Roark & McIndoo, USDA EPQ 687:48-58, 1946, F-728 100-124, 1947.
- LEPIDOPTERA - LIFE HISTORY**
 Remington, Lepidopterists' News 1:9, 31, 1947.
- LEPIDOPTERA - LITERATURE - POETRY**
 Twinn, Pests 14(11) 42, 44, 46, 1946, 15(5) 24, 26, 28, 30, 1947.
- LEPIDOPTERA - MIGRATION**
 i Brockman, Yosemite Nature Notes 24 88, 1945.
 b Chermock, Ent. News 57:144-146, 1946.
 Leech, Can. Ent. 77 203, 1945.
- LEPIDOPTERA - NOMENCLATURE**
 Jones, B. C. Ent. Soc. P. 42:24-26, 1945.
- LEPIDOPTERA - PARASITES & PREDATORS**
 Moul, Ent. News 56 58, 1945.
 Thompson, Imp. Inst. Ent. Parasite Serv. Cat. Parasites & Pred. of Ins. Pests, Sect. 1, Pt. 6:131-258, 1945, Pt. 7:259-385, Pt. 8:386-523, 1946; Pt. 9:524-627, 1947.
- LEPIDOPTERA - PHOTOGRAPHY**
 i Chace, U. S. Camera 9(6):14-15, 1946.
- LEPIDOPTERA - PHOTOGRAPHY - INSECT TYPES**
 i Dos Passos, Bklyn. Ent. Soc. B. 40: 166-169, 1946.
- LEPIDOPTERA - POLYMORPHISM, MIMETIC**
 bi Goldschmidt, Quart. Rev. Biol. 20 147-164, 205-230, 1945.
- LEPIDOPTERA - POPULATIONS - ANALYSIS**
 Williams, Ent. Soc. Amer. Ann. 38. 357-364, 1945.
- LEPIDOPTERA - SEASONAL SUMMARY**
 Martin et al., Lepidopterists' News 1: 88-96, 1947.
- LEPIDOPTERA - TAXONOMY**
 Forbes, Ent. Soc. Wash. P. 47:103-104, 1945. (Abs.)
 b Hovanitz, Mich. Univ. Lab. Vertebrate Biol. Contrib. 32 12-16, 20-24, 1947.
- LEPIDOPTERA - TAXONOMY - CLEMENS TYPES**
 b Darlington, Amer. Ent. Soc. Trans. 73:85-104, 1947.
- LEPIDOPTERA - TEXAS**
 n Prince, Can. Ent. 77 11-18, 1945.
 n Stallings & Turner, Ent. News 57 44-49, 1946, 58 36-41, 1947.
- LEPIDOPTERA - THERAPEUTIC USE**
 b Weiss, N. Y. Ent. Soc. J. 55:159-160, 1947.
- LEPIDOPTERA, UNIDENTIFIED LARVAE**
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 82, 1947.
- LEPIDOSAPHES sp**
 Morrill & Otanes, J. Ec. Ent. 40 599-600, 1947.
 Steinweden, Orchid Digest 9:255, 1945.
- LEPIDOSAPHES BECKII (Newm.) (PURPLE SCALE)***
 Camp et al., Fla. R. f. 1945/46 154
 Griffith, Cit. Indus. 28(6) 20-21, 1947
 Parker et al., Man. for Cit. Grow. ed. 3.44, 1947.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45 8, f. 1945/46 14, f. 1946/47 14.
 Thompson & Griffiths, Fla. St. Hort. Soc. P. 60-87, 1947.
- LEPIDOSAPHES BECKII - FUMIGANTS**
 Caryl & Johnston, Cal. Ext. C. 114 rev. 43, 1946.
 Lindgren & Dickson, Cal. Citrog. 31 448, 1946.
 Steinweden, Cal. Dept. Agr. B. 34:177, 1946.
- LEPIDOSAPHES BECKII - SPRAYS**
 bi Redd, Citrus Ind. 26(6):7, 9, 11, 14-15, 22, 1945.
 Thompson, Fla. R. f. 1944/45:168-169, f. 1946/47:153-154, 161.
 Thompson, Cit. Indus. 28(8):5-7, 1947.
 Thompson & Redd, Fla. R. f. 1944/45 176-178.
- LEPIDOSAPHES BECKII - SPRAYS - DDT & OIL**
 Griffiths & Thompson, J. Ec. Ent. 40. 386, 1947.
 Lindgren, Cal. Citrog. 31:113, 1946.
 Lindgren & Dickson, Cal. Citrog. 31: 418, 1946.
 Lindgren et al., Cal. Dept. Agr. B. 35. 100-102, 1946.

- LEPIDOSAPHES CAMELLIAE** Hoke
(**CAMELLIA SCALE**)
i English, Amer. Camellia YB 1:33, 1946.
i Hume, Camellias in Amer.:177, 1946.
Morrison, Cal. Dept. Agr. B. 35:132, 1946.
Westcott, Sun-up 2(2):10, 1947.
Wilmoth, Fla. Ext. B. 130:17-18, 1946.
- LEPIDOSAPHES CROTONIS** (Ckll.)
Martorell, P. R. Univ. J. Agr. 29:412, 1945.
- LEPIDOSAPHES FICIFOLII** (Berl.)
Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:24, 1945.
- LEPIDOSAPHES FICUS** (Sign.) (FIG SCALE)*
Condit, Fig:180-181, 1947.
- LEPIDOSAPHES FICUS - SPRAYS**
Stafford & Barnes, Cal. Univ. Div. Ent. & Parasit., Control of Fig Scale, 3 p., 1947.
- LEPIDOSAPHES GLOVERII** (Pack.) (GLOVER SCALE)*
Martorell, P. R. Univ. J. Agr. 29:412-413, 1945.
Morrison, Cal. Dept. Agr. B. 35:132, 1946.
- LEPIDOSAPHES HALLI** Green, see **NILOTASPIIS HALLI** (Green)
- LEPIDOSAPHES MACHILI** (Mask.)
Steinweden, Orchid Digest 9:265, 1945.
Steinweden, Cal. Dept. Agr. B. 34:177, 1946.
- LEPIDOSAPHES MACKIEANA** McK. (MACKIE'S SCALE)
Steinweden, Orchid Digest 9:265-266, 1945.
Swezey, Hawaiian Ent. Soc. P. 12:381, 1945.
- LEPIDOSAPHES NOXIA** McK.
n! McKenzie, Hawaiian Ent. Soc. P. 12:611-613, 1946; Erratum 13:31, 1947.
- LEPIDOSAPHES RUBROVITTATUS** Ckll.
Morrill & Otnes, J. Ec. Ent. 40:599, 1947.
- LEPIDOSAPHES TUBERCULATA** Malen.
Cory, J. Ec. Ent. 38:395, 1945.
Cory, Amer. Orchid Soc. B. 13:376, 1945; 16:146-147, 1947.
Swezey, Hawaiian Ent. Soc. P. 12:381, 1945.
- LEPIDOSAPHES ULMI** (L.) (OYSTER-SHELL SCALE)*
Beckwith, N. J. Dept. Agr. C. 356:48, 1945.
Beckwith, USDA FB 1951 rev.:36, 1946.
Blasberg, Vt. Ext. Brief. 616 rev.:16, 1945.
i Boyd, N. J. Dept. Agr. C. 355:104-105, 1945.
Bromley, Horticulture 24:517, 1946.
Chandler, Ill. St. Hort. Soc. Trans. 79:125, 1946; 80:138, 1947.
Childs et al., Oreg. Ext. B. 663:3, 1946.
Dewey, N. Y. St. Hort. Soc. P. 92:57, 1947.
Hilborn et al., Maine Ext. B. 358:3, 1947.
Keifer, Cal. Dept. Agr. B. 35:209, 1947.
i Lathrop, Maine B. 438:649-650, 1945.
- LEPIDOSAPHES ULMI**-Continued.
i Lathrop, Maine Ext. B. 274 rev.:5-6, 18, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 711:5-6, 25, 27, 1947.
Morrison, Cal. Dept. Agr. B. 35:132, 1946.
i Muma, Nebr. Ext. C. 1536:2-3, 1946.
Cal. Dept. Nat. Resources Div. For., For. Ins. Conditions in Cal. during 1946:11, 1947.
- LEPIDOSAPHES ULMI - CANADA**
Gardiner, Can. Min. Agr. R. f. 1945/46:71, f. 1946/47:83.
Manson, Can. Ins. Pest Rev. 25:106, 1947.
Maxwell, Can. Ins. Pest Rev. 24:22, 1946.
Neary, N. S. Dept. Agr. R. f. 1943/44:103, 1945, f. 1944/45:105, 1946; f. 1945/46:93-94, 1947.
Neary, N. S. Fruit Grow. Assoc. R. 82:37, 1945; 83:24, 1946; 84:115-116, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946.
Peterson, Can. Ins. Pest Rev. 25:108, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:72, 1947.
Ross, Can. Ins. Pest Rev. 24:49, 1946.
Ross et al., Can. Ins. Pest Rev. 25:81-82, 1947.
Thompson, Can. Ins. Pest Rev. 24:41, 1946.
- LEPIDOSAPHES ULMI - DUSTS - DDT**
i Lathrop, Maine B. 449:412-413, 1947.
- LEPIDOSAPHES ULMI - SPRAYS**
Bourne & Whitcomb, Mass. B. 436:34, 1946.
Clark & Hoveland, Wis. B. 472:23-24, 1947.
Fluke, Wis. Hort. 36:135, 1946.
Hockey et al., N. S. Fruit Grow. Assoc. R. 82:83, 1945; 83:146, 1946; 84:157, 159, 1947.
Hutson, Mich. St. Hort. Soc. R. 75:124, 1946.
Lathrop, Mass. Ext. Fruit Notes, Aug. 31, 1945:4-5.
i Lathrop, Maine B. 442:276-280, 1946.
i Lathrop et al., Maine Ext. B. 353:5-6, 1947.
Morrow, Green Thumb 3(6):18, 1946.
Rasmussen et al., Mich. Ext. B. 154 rev.:47, 1945. rev.:50, 1946.
- LEPIDOSAPHES ULMI - SPRAYS - DDT**
Marshall, Wash. St. Hort. Assoc. P. 42:69-70, 1946.
O'Neill & Fluke, Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2:45, 1947.
O'Neill & Fluke, Wis. Hort. 37:179, 1947.
- LEPIDOSAPHES ULMI - SPRAYS - EFFECT ON ORCHARD FAUNA**
b Lord, Can. Ent. 79:196-209, 1947.
Pickett, N. S. Fruit Grow. Assoc. R. 83:28-30, 1946; 84:74, 1947.
Pickett et al., Sci. Agr. 26:590, 595-597, 599, 1946.

LEPIDOSAPHES ULMI - YOSEMITE NATIONAL PARK

i Walker, Yosemite Nature Notes 24: 81-85, 1945.

LEPIDOSTOLA Mik

nik Hull, Amer. Mus. Nov. 1326, 15 p., 1946.

LEPIDOSTOMATIDAE - NEARCTIC

bnik Ross, Ent. Soc. Amer. Ann. 39: 265-291, 1946.

LEPISMA SACCHARINA L (SILVERFISH)*

i Back, USDA Leaf. 149 rev., 3 p., 1946.
Back, Pest Control & Sanit. 2(1):9, 1947.

Haas, Can. Baker 60(11/12):54, 1947.

i Lincoln, Ark. Ext. C. 362 rev. 15-16, 1945.

Michelbacher, Pests 15(6):10, 1947.

Mitchener, Manitoba Dept. Agr. &

Immigr. Pub. 213:1-3, 1947.

i Scheinert, Nature Mag. 39:149, 1946.

i Shepard, Pests 14(11):18,20, 1946.

i Stiles, Okla. Ext. C. 223 rev.:8-10, 1946?

Thompson, Can. Ins. Pest Rev. 24:44, 1946.

Wagner, Macaroni J. 29(3):46, 1947.

LEPISMA SACCHARINA - INSECTICIDES - DDT

Daggy et al., Minn. Ext. B. 252:9, 1946.

Haseman et al., Mo. C. 309:5, 1946

King, Tex. Ext. B. 151:15, 1947.

i Kyd, Okla. Ext. C. 454:2-3, 1947.

Mote, Oreg. C. Inform. 389:4, 1946.

Price, Ky. Ext. C. 438:4, 1947.

Smith, South. Dairy Prod. J. 41(1) 81, 88, 1947

b Sweetman, Soap & Sanit. Chem. 21(12):141,143, 1945.

Warrick, Water & Sewage Works 93 331, 1946.

Webster, Better Homes & Gard. 24(9): 149, 1946.

USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests:12, 1947.

LEPISMA SACCHARINA - REPELLENTS

bi Sweetman et al., Soap & Sanit.

Chem. 21(3):104-107,127,129,131, 1945.

LEPISMATIDAE

Holmes, Bakers Helper 86(1072):55, 1946.

i Mallis, Handb. of Pest Control:48-60, 1945.

LEPTINOTARSA DECEMLINEATA (Say) (COLORADO POTATO BEETLE)*

i Bissell & Dupree, Ga. B. 254:17-18, 1947.

Dean et al., Kans. Ent. Soc. J. 18:94, 1945.

Flock, Ariz. St. Ent. R. f. 1944:15, 1945.

i Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:17-19.

i Shull & Manis, Ida. Ext. B. 150:4-5, 1945.

Smith et al., Kans. Ent. Soc. J. 19:46, 1946; 20:50,58, 1947.

i Vorhies & Wehrle, Ariz. B. 203:39, 1946.

LEPTINOTARSA DECEMLINEATA--Continued.

Watson, Fla. Grow. 55 [i.e. 54](9):15, 1946.

Werner, Neb. B. 384:73-74,79,81-82, Wylie, Fla. R. f. 1946/47:203.

LEPTINOTARSA DECEMLINEATA -

AEROSOLS - DDT

b Goodhue, et al., J. Ec. Ent. 38:181, 1945.

LEPTINOTARSA DECEMLINEATA - CANADA

Arnason et al., Can. Ins. Pest Rev. 24:86, 1946.

Bird & Mitchener, Can. Ins. Pest Rev. 24:69, 1946.

Buckell et al., Can. Ins. Pest Rev. 24: 115, 1946; 25:37, 1947.

Cann, Can. Ins. Pest Rev. 24:9, 1946.

Gorham, Can. Ins. Pest Rev. 24:19, 1946.

Manson et al., Can. Ins. Pest Rev. 24: 96, 1946.

Neary, N. S. Dept. Agr. R. f. 1943/44: 101, 1945, f. 1944/45:103, 1946, f. 1945/46:91, 1947.

Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946.

Peterson, Can. Ins. Pest Rev. 24:110, 1946.

Thompson, Can. Ins. Pest Rev. 24:38, 1946.

Twinn, Can. Ins. Pest Rev. 23:3, 1945.

Ward, B. C. Dept. Agr. R. 41:W100-W103, 1947.

Ward, B. C. Ent. Soc. P. 43:35-36, 1947.

Wilson, Alberta Dept. Agr. R. f. 1944. 23, 1945, f. 1945:20, 1946.

Wressell, Can. Ins. Pest Rev. 24:55, 1946.

LEPTINOTARSA DECEMLINEATA - DUSTS

Dunavan & Hughes, S. C. R. 59:70, 1947.

Granovsky, Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2:55, 1947.

Haring, J. Ec. Ent. 39:79, 1946.

Trullinger et al., USDA OES R. f. 1945/46:112, 1947.

Ward & Travis, B. C. Dept. Agr. R. 40:V72-V74,V156, 1946.

LEPTINOTARSA DECEMLINEATA - DUSTS - DDT

i Marcovitch & Stanley, Tenn. R. 58: 113-114, 1946.

LEPTINOTARSA DECEMLINEATA - ERADICATION - EUROPE

Lyle, J. Ec. Ent. 40:4, 1947.

LEPTINOTARSA DECEMLINEATA - INSECTICIDES

Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:10-11, 1945.

Baver, N. C. R. 69:73, 1946.

Christie, Ont. Agr. Col. & Expt. Farm R. 70:66, 1945.

Hill & Sooter, Neb. R. 60:50, 1947.

b Kulash, J. Ec. Ent. 40:640-643, 1947.

Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:5-6, 1945.

i Lincoln, Ark. Ext. C. 438:4, 1945.

- LEPTINOTARSA DECEMLINEATA - IN-
SECTICIDES--Continued.
Muncie & Morofsky, Mich. TB 204:6,
9,12, 1947.
i Strickland, in Alberta Univ. Faculty
Agr. B. 46:56-57, 1946.
Swingle et al., USDA EPQ E-634,23 p.,
1945.
Tauber, Amer. Assoc. Ec. Ent. No.
Cent. Sts. Branch P. 2:54, 1947.
Weney & Rawlins, Control de Plagas
8:87, 1946.
- LEPTINOTARSA DECEMLINEATA - IN-
SECTICIDES - DDT
Annand, USDA EPQ R. f. 1945/46:4-5.
Gardiner, Can. Min. Agr. R. f. 1945/46:
42,65; f. 1946/47:81.
Hawkins et al., Maine B. 449:294-296,
298, 1947.
Hill, Neb. Res. B. 138:12, 1945.
Hovey, East. States Coop. 22(2):11,
1946.
Munro et al., N. Dak. Bimo. B. 9:110,
1947.
Rawlins, Amer. Potato J. 23:141, 1946.
Simpson et al., Maine Ext. C. 221,8 p.,
1946; 361:3,5-6, 1947.
Sleesman & Wilson, Veg. Grow. Assoc.
Amer. R. 37:187, 1945.
White, USDA EPQ E-692:5, 1946
- LEPTINOTARSA DECEMLINEATA -
PHOTOGRAPHY
i Brownell, Amer. Photog. 39(8):43,
1945.
i U. S. Camera 8(1) 36, 1945.
- LEPTINOTARSA DECEMLINEATA -
QUARANTINE
Messenger, Cal. Dept. Agr. B. 34:204,
1946.
- LEPTINOTARSA DECEMLINEATA -
SPRAYS
Berkeley et al., Amer. Potato J. 23:
287-288, 1946.
Doyle et al., Quebec Soc. Protect.
Plants R. 30:160-161,164-165,169,
1947.
Howard & Rich, R. I. Misc. Pub. 29:3,
1946.
Kearns et al., J. Ec. Ent. 38:662-663,
1945.
- LEPTINOTARSA DECEMLINEATA -
SPRAYS - DDT
Gould, Ind. R. 59:20-21, 1946.
- LEPTINOTARSA DECEMLINEATA -
SURVEYS
Armitage, Cal. Dept. Agr. B. 33:234,
1945.
Armitage et al., Cal. Dept. Agr. B. 34:
172, 1946.
- LEPTINUS AMERICANUS Lec.
MacCreary, J. Ec. Ent. 38:127, 1945.
- LEPTOCORIS TRIVITTATUS (Say) (BOX-
ELDER BUG)*
Bare, Neb. Ext. C. 1545:2-3, 1946.
Boyd, N. J. Dept. Agr. C. 355:88-89,
1945.
Davis, Ind. Acad. Sci. P. 56:153, 1947?
Dean et al., Kans. Ent. Soc. J. 18:93,
1945.
Flock, Ariz. St. Ent. R. f. 1944:20,
1945.
Forsyth, Mont. Ext. Ser. A-53,2 p., 1945.
- LEPTOCORIS TRIVITTATUS--Continued.
Smith et al., Kans. Ent. Soc. J. 19:45,
1946, 20:49,58, 1947.
- LEPTOCORIS TRIVITTATUS - ATTACK-
ING MAN
Knowlton, Bklyn. Ent. Soc. B. 42:33,
1947.
- LEPTOCORIS TRIVITTATUS - CANADA
Buckell & Manson, Can. Ins. Pest Rev.
24:116, 1946, 25:118, 1947.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:67, 1945; f.
1945:64, 1946.
Manson et al., Can. Ins. Pest Rev. 24:
99, 102, 1946.
Mathers, Can. Ins. Pest Rev. 24:122,
1946.
Mitchener, Manitoba Dept. Agr. &
Immigr. Pub. 213.11, 1947.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:56, 1945,
f. 1945:58, 1946.
Peterson, Can. Ins. Pest Rev. 24:107,
1946.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:72, 1947.
Peterson et al., Can. Ins. Pest Rev.
25:69, 1947.
Ward, B. C. Dept. Agr. R. 40:V79,
1946, 41:W109, 1947.
Wressell, Can. Ins. Pest Rev. 24:59,
1946.
- LEPTOCORIS TRIVITTATUS - FEEDING
HABITS
Knowlton, J. Ec. Ent. 40:915, 1947.
- LEPTODICTYA BAMBUSAE Drake
Martorell, P. R. Univ. J. Agr. 29:417-
418, 1945.
- LEPTODIPLOSI Kieff. CHROMOSOMES
(SALIVARY GLAND)
bi White, J. Morph. 78:201-220, 1946.
- LEPTODIPLOSI FLORIDANA Johannsen
n Johannsen, Fla. Ent. 28:8-9, 1945.
- LEPTODIPLOSI FLORIDANA - FEMALE
Johannsen, Fla. Ent. 30:39-40, 1947.
- LEPTOGLOSSUS sp.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:16,19.
- LEPTOGLOSSUS GONAGRA (F.) (CITRON
PLANT BUG)
Thompson & Griffiths, Fla. St. Hort.
Soc. P. 60:88-89, 1947.
- LEPTOGLOSSUS PHYLLOPUS (L.)
(LEAF-FOOTED BUG)*
Dorman, Miss. R. 58:24, 1946?; 59:
27, 1947?
Thompson & Griffiths, Fla. St. Hort.
Soc. P. 60:89-90, 1947.
Trullinger et al., USDA OES R. f.
1945/46:107, 1947.
- LEPTOGLOSSUS ZONATUS (Dall.)
(WESTERN LEAF-FOOTED PLANT
BUG)
Burgess, Ariz. R. 55:51, 1945.
- LEPTOMASTIDEA ABNORMIS (Gir.)
Burnett, Quebec Soc. Protect. Plants
R. 29:86, 1945?
- LEPTOMASTIDEA ABNORMIS - EGGS &
LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:92-93,
1947.

- LEPTOMASTIX sp.
Cutright, Ohio B. 659 107, 1945.
- LEPTOMASTIX DACTYLOPII How.
Burnett, Quebec Soc. Protect. Plants
R 29 86, 1945?
Fullaway, Hawaiian Ent. Soc. P 12
464, 1946.
Sakimura, Hawaiian Ent. Soc. P 13 17,
23, 1947.
Smith, Cal. Citrog. 31:452, 1946.
- LEPTOPHARSA ILLUDENS Drake
Caribbean Res. Council, Com. Agr.,
Nutr., Fisheries & For. Crop Inq.
Ser. 4, 74, 1947.
- LEPTOPHARSA MACHALANA VINNULA
Drake & Hambl. - FLORIDA
Stahler, J. Ec. Ent. 39 545-546, 1946.
- LEPTOPSYLLA SEGNI (Schönh.)
Cole, U. S. Pub. Health Rpts. 61 1473,
1475, 1477, 1479-1481, 1483-1484, 1946
Cole & Koepke, U. S. Pub. Health Rpts.,
Sup. 202 6-7, 9, 31, 44-47, 49, 51, 53-58,
62-63, 65-70, 1947
Gouck, J. Ec. Ent. 39:410-411, 1946
Ludwig & Page, U. S. Pub. Health Rpts.,
62 78, 82-83, 1947
Pemberton, Hawaiian Acad. Sci. P 16
14, 1945. (Abs.)
Rumreich, U. S. Pub. Health Rpts. 60
889, 892-893, 897, 899-902, 1945
- LEPTOPSYLLA SEGNI & TYPHUS.
MURINE
Davis, U. S. Pub. Health Rpts. 62:455-
463, 1947.
Davis & Pollard, Amer. J. Trop. Med
26 619, 1946.
Hill & Ingraham, U. S. Pub. Health
Rpts. 62:880, 1947
Pollard et al., Amer. J. Hyg. 44:246,
1946
- LEPTOPTEROMYIA Will. L. AMERI-
CANA Hardy
m Hardy, Kans. Ent. Soc. J. 20 72-75,
1947.
- LEPTOSTYLUS ARGENTATUS Duv.
Martorell, P. R. Univ. J. Agr. 29:445,
1945
- LEPTOSTYLUS TUBERCULATUS (Fröhl.)
i Knull, Ohio Biol. Surv. B. 39:245,
1946.
- LEPTOTHORAX CURVISPINOSUS Mayr -
HABITS & BEHAVIOR
Rau, Ent. News 56 120, 1945.
- LEPTOTHORAX EMERSONI Whlr
Haskins, Can. Nature 8:142, 1946.
- LEPTOTHRIPS MALI (Fitch)
Jaynes & Marucci, J. Ec. Ent. 40:13-
14, 25, 1947.
- LEPTOPHYA MINOR McA.
i Usinger, J. Ec. Ent. 39:286-289, 1946.
- LEPTURA EMARGINATA F., L. LINEOLA
Say
i Knull, Ohio Biol. Surv. B. 39:158-
159, 1946.
- LEPTURA OBLITERATA Hald.
i Hardy, Victoria Nat. 2:92, 1945.
- LEPTURA PLEBEJA Rand., L. SUB-
HAMATA Rand.
Knull, Ohio Biol. Surv. B. 39:158-159,
1946.
- LEPTURGES sp. & CANKER OF CACAO
i Limón B., Fitófilo 4:211-213, 1945.
- LEPTURGES CONFLUENS (Hald.) 252,
L. FACETUS (Say) 254
Knull, Ohio Biol. Surv. B. 39 1946.
- LEPTURGES GUADELOUPENSIS Fleut.
& Sallé
Martorell, P. R. Univ. J. Agr. 29:445,
1945.
- LEPTURGES QUERCI (Fitch) 253, L.
REGULARIS (Lec.) 253, L. SIGNA-
TUS (Lec.) 253, L. SYMMETRICUS
(Hald.) 252
i Knull, Ohio Biol. Surv. B. 39 1946.
- LEPTURINI
nik Hopping & Hopping, Sci. Agr. 27
220-236, 1947
- LEPYRONIA QUADRANGULARIS (Say)
Hoffmann J. Ec. Ent. 38 358, 1945.
- LERODEA TRIPUNCTUS (H.-S.)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana),
Caña de Azúcar en Cuba 549, 1946.
- LESCHENAULTIA Rob.-Desv. COMPLEX
nik Brooks, Can. Ent. 78 169-182,
1946.
- LESKIINI
nik James, USNM P. 97:91-115, 1947
- LESKIOMIMA TENERA (Wied.)
Satterthwait & Swain, J. Ec. Ent. 39-
577-578, 1946.
- LESKIOPALPUS FAMELICUS (Wied.)
Bartlett, P. R. (Mayaguez) R. f. 1944
27, 1945.
- LESPEDEZA INSECTS
i Poos & Hetrick, J. Ec. Ent. 38 312-
315, 1945.
i Stuckey, Ga. R. 57 64-67, 1945.
- *LESPEDEZA WEBWORM, see TETRA-
LOPHA SCORTEALIS (Led.)
- *LESSER APPLEWORM, see GRAPHO-
LITHA PRUNIVORA (Walsh)
- *LESSER BUD MOTH, see RECURVARIA
NANELLA (Hbn.)
- *LESSER BULB FLY, see EUMERUS
TUBERCULATUS Rond.
- *LESSER CLOVER LEAF WEEVIL, see
HYPERA NIGRIROSTRIS (F.)
- *LESSER CORNSTALK BORER, see
ELASMOPLUPUS LIGNOSELLUS
(Zell.)
- *LESSER GRAIN BORER, see RHYZO-
PERTHA DOMINICA (F.)
- *LESSER MIGRATORY GRASSHOPPER,
see MELANOPLUS MEXICANUS
MEXICANUS (Sauss.), SOLITARY
PHASE
- *LESSER PEACH TREE BORER, see
SYNANTHEDON PICTIPES (Grote &
(Rob.)
- *LESSER WAX MOTH, see ACHROIA
GRISELLA (F.)
- LESTIPHORUS Lep. - NORTH AMERICA
nk Pate, Can. Ent. 77:210-213, 1945.
- LESTRIMELITTA LIMAO (Smith)
Michener, N. Y. Ent. Soc. J. 54:196-
197, 1946.
- LETHOCERUS INDICUS (Lep. & Serv.)
AS FOOD OF MAN
Hoffmann, Ent. Soc. Wash. P. 49:235-
236, 1947.
- LETTUCE INSECTS
Parks & King, Ohio Ext. B. 76 rev.:
28, 1947.

LETTUCE YELLOWS, *see* LEAFHOPPERS & PLANT DISEASE - LETTUCE YELLOWS

LEUCANIA INCONSPICUA H.-S.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña en Cuba:549, 1946.

LEUCANIA LATIUSCULA H.-S.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:549, 1946.
Scaramuzza, Inst. Cubano de Suelos y Albonos 5:838, 1946.

LEUCANIA UNIPUNCTA (Haw.), *see* CIRPHIS UNIPUNCTA (Haw.)

LEUCASPIS COCKERELLI (Charmoy)
Swezey, Hawaiian Ent. Soc. P. 12:377, 1945.

LEUCASPIS INDICA Marl.
Martorell, P. R. Univ. J. Agr. 29:406, 1945.

LEUCINODES ELEGANTALIS Guen., *see* NEGLEUCINODES ELEGANTALIS (Guen.)

LEUCOPHAEA MADERAE (F.) (CONGO ROACH) (MADEIRA COCKROACH) (TROPICAL ROACH)
i Rehn, Sci. Month. 61:272-273, 1945.
Scharer, Anat. Rec. 96:577, 1946.
(Abs); 99:638, 1947. (Abs.)

LEUCOPHAEA MADERAE - CORPORA ALLATA
Scharer, Biol. Bul. 91:214, 1946.
(Abs.)
bi Scharer, Endocrinology 38:35-45; 46-55, 1946.

LEUCOPHAEA MADERAE - SEROLOGICAL RELATIONSHIPS
Leone, Ent. Soc. Amer. Ann. 40:424-428, 433, 1947.

LEUCOPHAEA MADERAE - TUMORS
Scharer, Science 102:102, 1945.
i Scharer, Soc. Expt. Biol. & Med. P. 60:184-189, 1945.

LEUCOPIS sp.
Hoffmann, J. Ec. Ent. 38:376, 1945.

LEUCOPIS OBSCURA Hal.
Balch & Reeks, N. B. Dept. Lands & Mines R. 108.110, 1945.
b Brower, J. Ec. Ent. 40:694, 1947.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:6, 1945; R. f. 1946:8, 1947.

LEUCOPOECILA ALBOFASCIATA Reut.
i Bohart, Hilgardia 17:302, 1947.
i Nishida, Hawaii R. f. 1944/46:65-66, 1947.

LEUCOTHRIPS PIERCEI (Morg.)
Osorio, Control de Plagas 8:121-122, 1946.

LEUKOSIS, AVIAN, *see* ARGAS PERSICUS & LEUKOSIS, AVIAN

LEUROTESTES PALLIDUS (Brunn.) (PALE-BORDERED COCKROACH)
i Rehn, Sci. Month. 61:275, 1945.

LIBELLULA INCESTA Hagen - PREY
Brues, Ent. Soc. Wash. P. 49:167, 1947.

LIBELLULA NEEDHAMII Westf.
Needham, Bklyn. Ent. Soc. B. 40:108-109, 1945.

LIBELLULIDAE
bik Borror, Ent. Soc. Amer. Ann. 38: 168-194, 1945.
b Montgomery, Ind. Acad. Sci. P. 54:217-224, 1945.

LIBURNIA CROCEA (Van. D.), *see* PROKELISIA CROCEA (Van. D.)

LICE
i Mallis, Handb. of Pest Control:374-379, 1945.
b Shelanski et al., Arch. Dermat. & Syph. 51:179-181, 1945.
i Shepard, Pests 14(11):10, 1946.
U. S. Navy BUMED News Let. 6(11) 23-24, 1945.
U. S. War Dept. TB MED 184:1-5, 1945.

LICE, *see also* ANOPLURA; LOUSE-PROOFING; MALLOPHAGA, PEDICULUS

LICE - CONTROL - MILITARY ZONES
i U. S. War Dept. TM 5-632 (PB-2435): 46-48, 1945

LICE - DUSTS
Strode, Rockefeller Found. Internatl. Health Div. R. f. 1945:83-86.

LICE - DUSTS - DDT
Daggy et al., Minn. Ext. B. 252:9, 1946.
Price, Ky. Ext. C. 438:5, 1947.
i Taggart & Osmun, Pub. Works 77(11). 30, 1947.
Wheeler, Amer. J. Pub. Health 36:121-129, 1946.

USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 11-12, 1947.
i U. S. War Dept. TB Med 194 (PB-2436):4-8, 1945.

LICE - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:14.
b Carpenter et al., J. Invest. Dermat. 7:93-98, 1946.
b Eddy, J. Invest. Dermat. 7:85-91, 1946.
Eddy et al., USDA EPQ E-685, 5 p., 1946.
Knipling, USDA YB f. 1943/47:633, 639, 642.
McIndoo, USDA EPQ E-713:106-113, 1947.
b Matthyse, N. Y. (G.) B. 832:39, 64, 67, 1946.
Roark, USDA EPQ E-656:3, 9, 1945.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 806:50-58, 1946.
Wis. Agr. Expt. Sta., Some Insectic. in Wis. in 1947:5-6, 1947. (Sp. C.)

LICE - INSECTICIDES - DDT
Baillie, Can. J. Pub. Health 37:215, 1946.
Bishopp, Amer. J. Pub. Health 36:604; Pests 14(6):24, 1946.
i Johns, Printers' Ink 211(4):20, 96, 1945.
Randolph, Tex. Acad. Sci. P. & Trans. 29:52, 1946.
Roark & McIndoo, USDA EPQ E-687: 29, 39-41, 1946; E-728:38-39, 75-77, 1947.
Twinn & Balch, Can. Dept. Agr. Div. Ent. Processed Pub. 38:4-5, 1946.

- LICE - OINTMENTS - DDT
Sutton, U. S. Army Med. B. 4:480, 1945.
- LICE - OINTMENTS - TOXICITY
Skitarelic, Amer. Med. Assoc. J. 134: 1297-1298, 1947.
- LICE & DISEASE
Blanton, Ent. Soc. Wash. P. 47:71-72, 1945. (Abs.)
i Boyd, Prev. Med. ed. 7:270-272, 308-312, 317-319, 327, 1945.
b Getting, New Eng. J. Med. 232:344, 375-376, 1945.
bi Hull, Dis. Transmitted from Anim. to Man ed. 3:354-355, 388, 391, 397, 399-400, 403-404, 460, 470, 1947.
i Manson-Bahr, Manson's Trop. Dis. ed. 12:990-991, 1945.
i Simmons, Adv. Int. Med. 2 249-251, 1947.
i Standen, Life 21(2) 50, 1946.
- LICE & DISEASE - RELAPSING FEVER
Morgan, U. S. Army Med. Dept. Bul. 4 301, 1945.
- LICE & DISEASE - TYPHUS
b Bayne-Jones, R. I. Med. J. 30:423-428, 1947.
Bishopp, Amer. J. Pub. Health 35 374-375, 1945.
Dement, Cal. Med. 65:63, 1946.
Fosdick, Rockefeller Found. R. f. 1945 76-77.
Lapage, Mil. Surg. 97:24, 1945.
Littlehales, Northw. Med. 44:390-392, 1945.
Ortiz-Mariotte et al., Amer. J. Pub. Health 35:1191-1195, 1945.
Payne et al., Reunion Interamer. del Tifo Pub. Ofic. 1:257-265, 1947.
i Simmons, Sat. Even. Post 217(28) 86, 1945.
i Soper et al., Reunion Interamer. del Tifo Pub. Ofic. 1:441-451, 1947.
Stage & Knipling, Reunion Interamer. del Tifo Pub. Ofic. 1:276-280, 284, 1947.
Strode, Rockefeller Found. Internatl. Health Div. R. f. 1945:80-86.
Wheeler, Amer. J. Pub. Health 36:119-129, 1946.
- LICE ON CATS
Gay, How to Live with a Cat:135-136, 1946.
Olson, Pest Control & Sanit. 1(3):25, 1946.
- LICE ON CATTLE
Anderson, Ida. Ext. B. 159:12, 1947. (Repr.)
i Baker, N. Y. St. Vet. Col. Vet. Expt. Sta. Parasit. Lab., Barn Itch:24-29, 1946.
Baker, Amer. Hereford J. 38(21 i.e. 25):46, 1947.
Baker, Iowa Vet. 18(6):7, 9, 36, 1947.
Baker, U. S. Livestock Sanit. Assoc. P. 50:84-86, 1947.
Dean et al., Kans. Ent. Soc. J. 18:92-93, 1945.
Field & McDowell, Dairy Enterprises: 362, 1946.
i Hixson, Okla. Ext. C. 387 rev. 11-15, 1946.
- LICE ON CATTLE--Continued.
Manson, Can. Ins. Pest Rev. 25:113, 1947.
Manson et al., Can. Ins. Pest Rev. 24. 103, 1946.
bi Matthysse, N. Y. (C.) B. 832, 67 p., 1946.
Schwartz, USDA YB f. 1943/47:73.
Smith et al., Kans. Ent. Soc. J. 19:46, 1946; 20:50, 58, 1947.
Ward, B. C. Dept. Agr. R. 40:V80, 1946, 41:W110, 1947.
Ward, Bios 18:37-38, 1947.
- LICE ON CATTLE - CONTROL
Connolly, Va. Ext. B. 113 rev.:23, 1946.
i Imes et al., USDA FB 909 rev., 21 p., 1947.
i Kelly, Kans. Ext. Livestock Ins. Control in Kans.:4-7, 12-13, 22, 1946?
Lincoln, Ark. Ext. Leaf. 71, 3 p., 1946?
Lyle, Miss. Farm Res. 8(9) 7, 1945.
Peters & Deyoe, Raising Livestock. 279-280, 1946.
Tate, Neb. St. Bd. Agr. R. f. 1945:489-492.
Telford, Fla. Poultrym. & Stockm. 9(4) 22, 1945.
- LICE ON CATTLE - DIPS
Annand, USDA EPQ R. f. 1944/45:10.
Schwartz, U. S. Livestock Sanit. Assoc. P. 49:75, 1946.
- LICE ON CATTLE - DUSTS
Fisher, Natl. Butter & Cheese J. 38(8) 92, 1947.
i Hansens & Scheidenhelm, N. J. Ext. Leaf. 7, 4 p., 1947.
Schwardt et al., N. Y. (C.) R. 57 124, 1945.
- LICE ON CATTLE - DUSTS - DDT
Gardiner, Can. Min. Agr. R. f. 1945/46:81-82.
Lincoln, Ark. Ext. Misc. Pub. 14:3, 1945?
Lyle & Strong, J. Ec. Ent. 38:611-612, 1945.
Munro & Knapp, N. Dak. Bimo. B. 7(4): 21, 1945.
- LICE ON CATTLE - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:9.
Davis, in Davis et al., Livestock Enterprises rev.:39, 1946.
Fisher, Control of Some Ins. Affecting Farm Dairying, Wis. Ext. Sp. C.:3, Jan. 1946.
b Furman, J. Ec. Ent. 40:672-675, 1947.
Gentry, Iowa Vet. 18(3):12-13, 1947.
i Morrison, Macdonald Col. J. 6(5):4-5, 14, 1946.
Schwartz et al., U. S. Livestock Sanit. Assoc. P. 50:96-97, 1947.
Shull et al., Ida. Ext. B. 155:10-11, 1945.
Smith, Colo. Ext. B. 389-A:33-34, 1946.
Weaver et al., S. Dak. Ext. Leaf. 102: 1, 6-7, 1946. (Repr.)
Wermelskirchen, in Davis et al., Livestock Enterprises rev.:137-138, 1946.
- LICE ON CATTLE - INSECTICIDES - DDT
Annand, USDA EPQ R. f. 1946/47:19-20.

LICE ON CATTLE - INSECTICIDES-
DDT--Continued.

- Daggy et al., Minn. Ext. B. 252:9, 1946.
Dove, USDA E-673:2, 1945.
Gerlach, Milk Dealer 36(10):156-157, 1947.
Knapp & Aanestad, N. Dak. Bimo. B. 9:119, 1947.
McGregor, Coastal Cattleman. 12(7) 28, 1946.
Munro, Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2:36, 1947.
Price, Ky. Ext. C. 438:5, 1947.
Telford & Guthrie, Agr. Chem. 1(3):31, 1946.

LICE ON CATTLE - POPULATION VARIATIONS

- Matthysse, N. Y. (C.) B. 832 8-9, 20-23, 1946.

LICE ON CATTLE - SPRAYS

- Cory, Md. Agr. Soc. R. 30:174-175, 1946.
Cuff, Down to Earth 3(2):4, 1947.
Gentry, Vet. Med. 42:185-186, 1947.
Simms, USDA BAI R. f. 1945/46 45.

LICE ON DOGS

- Denlinger, Complete Dachshund. 172, 1947.
Lowry, Your Dog & Mine. 67-68, 1947.
Olson, Pest Control & Sanit. 1(3):25, 1946.

LICE ON DOGS - INSECTICIDES - DDT

- Eastman et al., N. Amer. Vet. 27 415-418, 1946.
Sweetman, J. Ec. Ent. 39:417, 1946.

LICE ON DUCKS

- Selden, Poult. Handb. 125, 1947.

LICE ON FUR ANIMALS

- Herrick, Natl. Fur. News 19(10) 52, 1947.

LICE ON GOATS

- Annand, USDA EPQ R. f. 1943/44:23, f. 1946/47:20.
i Imes et al., USDA Leaf. 13 rev., 8 p., 1946.
i Rude, Better Goatkeeping 2:476-477, 1947.
Teague, Ala. Ext. Handb. Ala. Agr. ed. 4:167, 1947.

LICE ON GOATS - DIPS

- Williams, USDA FB 1203 rev.:20, 1946.

LICE ON GOATS - DIPS - DDT

- Dove, USDA EPQ E-673:2-3, 1945.
Parish & Rude, J. Ec. Ent. 38:612-613, 1945.
Telford & Guthrie, Agr. Chem. 1(3):31, 1946.
U. S. Navy BUMED News Let. 8(8):7, 1946.

LICE ON GOATS - DIPS - DDT & PINE OIL

- Annand, USDA EPQ R. f. 1944/45:10, 1946.

LICE ON HORSES

- Dickinson, in Davis et al., Livestock Enterprises rev.:214, 1946.
Peters & Deyoe, Raising Livestock: 297-298, 1946.
Telford & Guthrie, Agr. Chem. 1(3):31, 1946.

LICE ON LIVESTOCK

- Davis, Ind. Ext. B. 105 rev.:4-6, 1945.

LICE ON LIVESTOCK--Continued.

- Swanson, U. S. Livestock Sanit. Assoc. P. 50:94, 1947.

LICE ON LIVESTOCK - INSECTICIDES

- Annand, USDA EPQ R. f. 1943/44:23; f. 1946/47:20.
USDA EPQ, Save Grain by Controlling Livestock Pests USDA Fact Sheet (OFFC-4).2, 1948.

LICE ON LIVESTOCK - INSECTICIDES - DDT

- Haseman et al., Mo. C. 309:3, 1946.
Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):63-66, 1947.
Telford & Guthrie, Agr. Chem. 1(3):31, 1946.

- Twin, Can. Dept. Agr. Div. Ent. Processed Pub. 65:7-8, 1947.

LICE ON LIVESTOCK - SPRAYS - DDT

- i Muma, Neb. Ext. C. 1541, 4 p., 1946.

LICE ON MINK

- Herrick, Amer. Fur Breed. 20(3) 32, 1947.

LICE ON PIGEONS

- i Levi, Making Pigeons Pay 220-222, 1946.
i U. S. War Dept. TM 11-410 73-75, 1945.

LICE ON POULTRY

- i Byerly, Poult. Farm. 252-253, 1945.
i Conn, Handy Poult. Dis. Man. 82-84, 1947.
i Gannon, Ga. Ext. B. 524 rev.:34-35, 1947.

- i Hixson & Ware, Okla. Ext. C. 417:3-7, 1945.

- Horton, Cackle & Crow 27(3) 10, 1945.
i Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:168-170, 1947.

- i King, Poult. Handb. for South. Sts. ed. 2.91, 1947.

- i Lecker & Lunn, Ind. Ext. Leaf. 261 2-3, 1945.

- Reed, Maine Ext. B. 306 rev.:16-17, 1945.

- i Selden, Poult. Handb.:77-79, 229, 298-299, 378-379, 1947.

LICE ON POULTRY - CONTROL

- Alp & Pilchard, Ill. Ext. C. 452 rev.:30, 1946.

- i Bice, Hawaii Ext. C. 86 rev.:3 p., 1947.

- i Clandinin, Alberta Ext. B. 45:51-53, 1945.

- Gannon, Ga. Ext. B. 524:22-23, 1945.
Gordon, Gamecock 9(2):12, 1946.

- Ingram & Jones, La. Ext. C. 258 rev.:1-4, 1945.

- i Lippincott & Card, Poult. Parasites rev.:330-332, 1946.

- Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 196:12, 1945.

- Nisonger, in Davis et al., Livestock Enterprises rev.:428, 1946.

- Ogle, Breed. Gaz. 110(6):21, 1945.

- i Winter & Funk, Poultry rev.:390-392, 1946.

- i Poult. Council St. Col. Wash., Wash. Ext. B. 370 (Poult. Pointers 34):1-5, 1947.

- LICE ON POULTRY - DUSTS
Alicata et al., Hawaii R. f. 1944/46 74,
98-99, 1947.
Schwardt et al., N. Y. (C.) R. 57 124,
1945.
b Telford, J. Ec. Ent. 38 573-576,
1945.
- LICE ON POULTRY - DUSTS - DDT
Daggy et al., Minn. Ext. B 252 9,
1946.
Dove, USDA EPQ E-673 3, 1945
- LICE ON POULTRY - FUMIGANTS
Roberts & Peterson, Poul. Sci. 26
588-593, 1947.
Simms, USDA BAI R. f. 1946/47 58
- LICE ON POULTRY - INSECTICIDES
Cooper, Ky. R. 58 20, 1946, 59 20,
1947.
Price, Ky. Ext. C 438 5, 1947
- LICE ON POULTRY - INSECTICIDES -
DDT
Telford, J. Ec. Ent. 38 700-703, 1945
Telford & Guthrie, Agr. Chem. 1(3)
30, 1946
Twinn, Can. Dept. Agr. Div. Ent.
Processed Pub. 65 7-9, 1947
- LICE ON POULTRY - RESISTANT POUL-
TRY
Cooper, Ky. R. 57 44, 1945.
- LICE ON POULTRY - SPRAYS
Alicata et al., J. Ec. Ent. 40 922-923,
1947.
- LICE ON RATS
b Cole & Koepke, U. S. Pub. Health
Rpts. Sup. 202 28-30, 33, 35-36, 38-39,
44-45, 50-51, 53-57, 63, 66-71, 1947
Dove, USDA EPQ E-673 11-12, 1945
Rumreich, U. S. Pub. Health Rpts. 60
890, 892, 1945
- LICE ON SHEEP
Baker, Mangt. & Feeding Sheep 227-
228, 1947.
i Hall et al., USDA FB 1330 rev. 3-15,
1946.
i Imes et al., USDA Leaf. 13 rev. 8 p.,
1946.
Johnson, Sheepman 16 193, 1945.
Kammlade, Sheep Sci. 471-472, 1947.
MacEwan & Ewen, Sci. & Pract. Can.
Anim. Husb. rev. 330, 1945.
Price, Ky. Ext. C. 438 4-5, 1947.
- LICE ON SQUIRRELS
Linsdale, Cal. Ground Squirrel. 289-
293, 1946.
- LICE ON SWINE
Alicata, Hawaii R. f. 1944/46 99, 1947.
Gregory, Ala. Ext. C. 307.15, 1945
Grissom & Newell, Miss. Ext. C. 140:
16, 1947.
Kyd, Okla. Ext. C. 465:1-2, 1947.
MacEwan & Ewen, Sci. & Pract. Can.
Anim. Husb. rev.:358, 1945.
Manson, Can. Ins. Pest Rev. 25:114,
1947.
Muma, Neb. Ext. C. 1548:3-4, 1947.
Shull et al., Idaho C. 103, 7 p., 1945.
Simms, USDA BAI R. f. 1946/47:57-
58.
Smith, in Davis et al., Livestock
Enterprises rev.:252, 1946.
- LICE ON SWINE --Continued.
Vollrath, Hawaii Ext. B. 31 rev. 47,
1947.
Willman, N. Y. (C.) Ext. B. 727 60-61,
1947.
- LICE ON SWINE - INSECTICIDES
Peters & Deyoe, Raising Livestock
263, 1946.
- LICE ON SWINE - INSECTICIDES - DDT
Daggy et al., Minn. Ext. B. 252 9,
1946
Price, Ky. Ext. C. 438 5, 1947.
Telford & Guthrie, Agr. Chem. 1(3):
31, 1946.
- LICE ON SWINE - LOSSES CAUSED BY
Ellis, Ark. B. 464 11, 1946.
- LICE ON SWINE - SPRAYS - DDT
Dove, USDA EPQ E-673:3, 1945
Gentry, Vet. Med. 42 186, 1947.
- LICE ON TURKEYS
Marsden & Martin, Turkey Mangt. ed.
4 650-652, 1946.
i Seiden, Poul. Handb. 376-379, 1947.
- LIGHT & INSECTICIDES
b Chisholm & Koblitsky, Agr. Chem.
2(9) 35, 37, 1947.
b Green & Carter, Soap & Sant.
Chem. 22(7) 148A, 148C, 1946.
Lindquist et al., J. Ec. Ent. 39 57-59,
1946.
Wichmann et al., Assoc. Off. Agr.
Chem. J. 29 225-228, 1946.
- LIGHT & INSECTS
Abbott, Turtox News 24 189, 1946.
Bohart, Hilgardia 17:280-281, 305,
1947.
bi Dolley & Golden, Biol. Bul. 92 178-
186, 1947.
b Folger, Physiol. Zool. 19 190-202,
1946.
Granett & Sacktor, J. Ec. Ent. 40 259-
263, 1947.
Hare, Pan-Pac. Ent. 21 54-56, 1945.
b Herms, Hilgardia 17:359-375, 1947.
bi Jahn, N. Y. Ent. Soc. J. 54 1-8,
1946.
Jahn & Wulff, Anat. Rec. 96:507, 1946.
(Abs.)
Jones, Tex. Acad. Sci. P. & Trans. 29
125, 1946. (Abs.)
Martin & Finney, J. Ec. Ent. 39:297,
1946.
Mathis, Fla. Ent. 29 30-31, 34, 1947.
bi Milne & Milne, Ent. Amer. 24:22-
86, 1945.
Peterson, Man. of Ent. Equip. &
Methods ed. 5, Pt. 1-2 15, 18, 1947.
Rees & Nielsen, N. J. Mosq. Extern.
Assoc. P. 34:163-164, 1947.
Salter, USDA PISAE R. f. 1946/47:76-
77.
Strickland, Bklyn. Ent. Soc. B. 40:57-
59, 1945.
Talbot, Ecology 27:65-70, 1946.
Tarzwell & Stierli, U. S. Pub. Health
Rpts. Sup. 186:42, 1945.
Trembley, J. Ec. Ent. 40:247, 1947.
Villev & Lavin, Anat. Rec. 96:565-
566, 1946. (Abs.)
b Villev & Lavin, Science 105:188-189,
1947.

LIGHT & INSECTS--Continued.

- b Weiss, N. Y. Ent. Soc. J. 54:17-30, 1946.
 Wellington & Henson, Can. Ent. 79:188-169, 195, 1947.
 bi Wulff & Jahn, N. Y. Ent. Soc. J. 55: 65-83, 1947.
LIGHT & INSECTS, see also INFRA-RED RADIATION - EFFECT ON INSECTS, INSECTS - PHOTOTROPISM; TRAPS FOR INSECTS - LIGHT; ULTRA-VIOLET RAYS - EFFECT ON INSECTS
LIGHT & INSECTS - FURNACE LIGHT
 Sauerbrel, Sylva 3(5):50, 1947
LIGHT & INSECTS - HABITAT PREFERENCE
 Lyman, Ent. Soc. Amer. Ann. 38:234-236, 1945.
LIGHT & INSECTS - MATING REACTION
 b Wallace & Dobzhansky, Natl. Acad. Sci. P. 32:226-234, 1946.
 Wilkes, Quebec Soc. Protect. Plants R. 30:177-178, 1947.
LIGHT & INSECTS - MOONLIGHT
 Rees, Mosq. News 5:134, 1945.
LIGHT & INSECTS - STRATIFICATION
 b Bates, Ecology 28 80-81, 1947.
LIGHT OF INSECTS, see INSECTS - LUMINESCENCE
LIGYRUS GIBBOSUS (Deg.) (CARROT BEETLE)*
 Bissell & Dupree, Ga. B. 254 11, 1947.
 Flock, Ariz. St. Ent. R. f. 1944:15, 1945.
 Grayson, Va. TB 109 7-9, 11-12, 1947.
LIGYRUS TUMULOSUS (Burm.)
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar in Cuba:534, 1946.
 ***LILAC BORER, see PODOSESIA SYRINGAE SYRINGAE (Harr.)**
 ***LILAC LEAF MINER, see GRACILARIA SYRINGELLA (F.)**
LILIOCERIS LILII (Scop.) (LILY BEETLE)
 Dustan, Amer. Lily YB f. 1946:103.
 Gardiner, Can. Min. Agr. R. f. 1945/46:66.
 Gauthier, Can. Ins. Pest Rev. 24:32, 1946; 25 108, 1947.
 Maltais, Can. Ins. Pest Rev. 24:35, 1946.
LILY BEETLE, see LILIOCERIS LILII (Scop.)
LILY INSECTS
 i Doucette, J. Ec. Ent. 40:918, 1947.
 ***LILY WEEVIL, see AGASPHAEROPS NIGRA Horn**
LIMA-BEAN INSECTS & SEED PITTING
 bi Baker et al., Phytopathology 36:493-503, 1946.
 ***LIMA-BEAN POD BORER, see ETIELLA ZINCKENELLA (Trett.)**
 ***LIMA-BEAN VINE BORER, see MONOPLOTTA PERGRATIALIS (Hulst)**
LIME INSECTS - INSECTICIDES
 Wolfenbarger, Fla. R. f. 1946/47:248-249.
LIMNAPHILUS LUNATUS Curt.
 McIndoo, USDA EPQ E-713:124, 1947.

LIMONIUS Esch.

- i Lange, Spreckels Sugar Beet Bul. 9: 23-24, 1945.
LIMONIUS - LARVAE
 bik Lanchester, Ent. Soc. Amer. Ann. 39:619-626, 1946.
LIMONIUS AGONUS (Say) (EASTERN FIELD WIREWORM)*
 Greenwood, Conn. B. 488:344-347, 1945, 501:97-98, 512:56-59, 1946.
 Pepper et al., J. Ec. Ent. 40:727-730, 1947.
 Rawlins et al., N. Y. (C.) R. 58:121, 1946, 59:120, 1947.
 Slate, Conn. R. f. 1944/45:15-16.
LIMONIUS CALIFORNICUS (Mann.) (SUGAR-BEET WIREWORM)*
 Lane et al., Wash. B. 482:96-97, 1946.
 b Lange, J. Ec. Ent. 38:643-645, 1945.
 i Lange, Spreckels Sugar Beet Bul. 11: 6, 1947.
 Steinweden, Cal. Dept. Agr. B. 34 177, 1946.
 White, USDA EPQ E-642:6, 1945.
 E-692:13, 1946.
 Wilson, Fla. St. Hort. Soc. P. 59 105-106, 1946.
LIMONIUS CALIFORNICUS - GROWTH - EFFECT OF FOOD PLANTS
 bi Shirck, J. Ec. Ent. 39:648-651, 1946.
LIMONIUS CANUS Lec. (PACIFIC COAST WIREWORM)*
 Downes, Can. Ins. Pest Rev. 25:13, 1947.
 Lane et al., Wash. B. 482:96-97, 1946.
 Lange, Spreckels Sugar Beet Bul. 11 6, 1947.
 White, USDA EPQ E-642:6, 1945; E-692:12-13, 1946.
LIMONIUS ECTYPUS (Say)
 Stirrett, Can. Ins. Pest Rev. 25:14, 1947.
LIMONIUS INFUSCATUS Mots. (WESTERN FIELD WIREWORM)*
 Downes, Can. Ins. Pest Rev. 25:13, 1947.
 Lange, Spreckels Sugar Beet Bul. 11: 6, 1947.
LIMONIUS PECTORALIS (Lec.)
 Oldroyd, Alaska R. 10:55, 1947.
LIMONIUS RUFIHUMERALIS Lane
 Leech, B. C. Ent. Soc. P. 42:26, 1945.
LIMOTHRIIPS CEREALIIUM Hal. (GRAIN THRIIPS)*
 Keifer, Cal. Dept. Agr. B. 33:252, 1945, 35:138, 1946.
 Steinweden, Orchid Digest 9:266, 1945.
 ***LINDEN BORER, see SAPERDA VESTITA Say**
 ***LINDEN LOOPER, see ERANNIS TILIARIA (Harr.)**
 ***LINED SPITTLEBUG, see PHILAENUS LINEATUS (L.)**
LINEODES VULNIFICA Dyar - TEXAS
 Annand, USDA EPQ R. f. 1944/45:29.
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, no. 1):4.
LINOGNATHUS AFRICANUS Kellogg & Paine
 Imes, Dairy Goat J. 25(6):6-8, 1947.

- LINOGNATHUS AFRICANUS --Continued.
Imes et al., USDA Leaf. 13 rev., 8 p., 1946.
- LINOGNATHUS PEDALIS (Osb.) (SHEEP FOOT LOUSE)
i Hall et al., USDA FB 1330 rev. 3-5, 1946.
i Imes et al., USDA Leaf. 13 rev., 8 p., 1946.
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev. 300, 1945.
- LINOGNATHUS OVILLUS (Heum.) (SUCKING BODY LOUSE)
i Hall et al., USDA FB 1330 rev. 3-5, 1946.
Imes et al., USDA Leaf. 13 rev., 8 p., 1946.
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev. 330, 1945.
- LINOGNATHUS PILIFERUS (Burm.), see LINOGNATHUS SETOSUS (Olf.)
- LINOGNATHUS SETOSUS (Olf.) (DOG SUCKING LOUSE)*
Eddy, R. I. Dept. Agr. & Conserv. R. 10:49, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945:46 22.
Twinn, Can. Ins. Pest Rev. 25:114, 1947.
i Westcott, Cocker Spaniel Visitor 9(9):7, 1947.
- LINOGNATHUS SETOSUS - INSECTICIDES - DDT
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:9, 1947.
- LINOGNATHUS STENOPSIS (Burm.) (GOAT SUCKING LOUSE)* (BLUE LOUSE)
Imes et al., USDA Leaf. 13 rev., 8 p., 1946.
Imes, Dairy Goat J. 25(6):6-8, 1947.
Parish & Rude, J. Ec. Ent. 38 612-613, 1945.
i Rude, Better Goatkeeping 2:476-477, 1947.
Telford & Guthrie, Agr. Chem. 1(3):31, 1946.
- LINOGNATHUS VITULI (L.) (LONG-NOSED CATTLE LOUSE)*
i Imes et al., USDA FB 909 rev.:3, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945:46 22.
i Matthyse, N. Y. (C.) B. 832:3-8, 12-14, 22, 31-33, 35-38, 44-46, 53-55, 57-58, 62, 65, 1946.
Tate, Neb. St. Bd. Agr. R. f. 1945. 490-492.
Ward, Bios 18:37-38, 1947.
- LINOGNATHUS VITULI - INSECTICIDES
Dorman, Miss. R. 58:24, 1946?
Furman, J. Ec. Ent. 40:672-675, 1947.
Telford, J. Ec. Ent. 40:920, 1947.
- LINOGNATHUS VITULI - INSECTICIDES - DDT
Knapp & Aanestad, N. Dak. Bimo. B. 9:119, 1947.
Lyle & Strong, J. Ec. Ent. 38:611-612, 1945.
- LIORHYSSUS HYALINUS (F.)
Flock, Ariz. St. Ent. R. f. 1944:16, 1945.
- LIPEURUS CAPONIS (L.) (WING LOUSE)*
Alicata et al., Poult. Sci. 25:376-380, 1946.
Alicata et al., Hawaii R. f. 1944/46: 98, 1947.
Alicata et al., J. Ec. Ent. 40:922-923, 1947.
Bice, Hawaii Ext. C. 86 rev. 1-3, 1947.
- LIPEURUS HETEROGRAPHUS Nitz., see CUCLOTOGASTER HETEROGRAPHUS (Nitz.)
- LIPEURUS POLYTRAPEZIUS Nitz., see OXYLIPEURUS POLYTRAPEZIUS (Nitz.)
- LIPONISSINAE - NORTH AMERICA
bik Ewing, Biol. Soc. Wash. P. 60 83-89, 1947
- LIPONISSUS AMERICANUS Banks, see LIPONISSUS SYLVIARUM Can. & Fanz
- LIPONISSUS BACOTI (Hirst) (TROPICAL RAT MITE)*
Cameron, Parasites of Man ed. 2:125, 1946.
Cole, U. S. Pub. Health Rpts. 61 1473, 1478, 1946.
Keifer, Cal. Dept. Agr. B. 33 250, 1945.
MacCreary, J. Ec. Ent. 38 127, 1945.
b Mills, Pests 15(9):26, 28, 1947.
Rumreich, U. S. Pub. Health Rpts. 60: 890, 892, 1945.
Twinn, Can. Ins. Pest Rev. 25 114, 1947.
- LIPONISSUS BACOTI - INSECTICIDES - DDT
Ludwig & Page, U. S. Pub. Health Rpts. 62:78, 83, 1947.
b Morlan, J. Ec. Ent. 40:917-918, 1947.
b Olson & Dahms, J. Parasit. 32:57-60, 1946.
Telford & Guthrie, Agr. Chem. 1(3): 31, 1946.
- LIPONISSUS BACOTI - REARING
bi Scott et al., J. Parasit. 33:138-141, 1947.
bi Williams, J. Parasit. 32:252-256, 1946.
- LIPONISSUS BACOTI - SURVEYS
Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:33, 41, 43-45, 50-51, 53-58, 63, 1947.
- LIPONISSUS BACOTI & DERMATITIS
i Lowell, Arch. Dermat. & Syph. 54: 278-280, 1946.
- LIPONISSUS BACOTI & FILARIASIS
Scott & Cross, Amer. J. Trop. Med. 26:853-855, 1946.
Williams & Brown, Science 102:482-483, 1945.
Williams & Brown, Science 103:224, 1946.
- LIPONISSUS BACOTI & Q FEVER
Robbins & Rustigian, Amer. J. Hyg. 44:69, 1946.

- LIPONISSUS BACOTI & TYPHUS, MURINE**
 Davis & Pollard, Amer. J. Trop. Med. 26:619, 1946.
 Herms, Cal. Med. 67:98, 1947.
 Hill & Ingraham, U. S. Pub. Health Rpts. 62:880, 1947.
 Pollard & Augustson, Amer. J. Trop. Med. 25(1):31-32, 1945.
 b Rumreich & Koepke, U. S. Pub. Health Rpts. 60:1421-1422, 1427, 1945.
- LIPONISSUS BURSA (Berl.) (TROPICAL FOWL MITE)***
 Holdaway et al., Hawaii R. f. 1944/46:78, 1947.
 Kaupp, Poult. & Rabbit Month. 13(7):8, 1945.
 Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:173-174, 1947.
 Seiden, Poult. Handb.:365, 1947.
- LIPONISSUS BURSA & ENCEPHALOMYELITIS, EQUINE**
 Sulkin & Izumi, Soc. Expt. Biol. & Med. P. 66:249-250, 1947.
- LIPONISSUS BURSA & Q FEVER**
 Robbins & Rustigian, Amer. J. Hyg. 44:69, 1946.
- LIPONISSUS CANADENSIS Banks, see LIPONISSUS SYLVIARUM Can. & Fanz.**
- LIPONISSUS GEOMYDIS Keegan**
 ni Keegan, Amer. Micros. Soc. Trans. 65:69-71, 1946.
- LIPONISSUS SYLVIARUM (Can. & Fanz.) (NORTHERN FOWL MITE)* (FEATHER MITE)**
 Clandinin, Alberta Ext. B. 45:54, 1945.
 Coffin, Man. Vet. Clin. Path. rev.:61, 1945.
 Conn, Handy Poult. Dis. Man.:80, 1947.
 Gannon, Ga. Ext. B. 524 rev.:31, 1947.
 Kaupp & Surface, Poult. Sanit. & Dis. Control ed. 3:179, 1947.
 Lee, Profitable Poult. Mangt. rev.:238-239, 1947.
 Lippincott & Card, Poult. Parasites rev.:334, 1946.
 Marsden & Martin, Turkey Mangt. ed. 4:654-655, 1946.
 i Seiden, Poult. Handb. 143-144, 1947.
 Winter & Funk, Poultry rev.:393-394, 1946.
 Poult. Council St. Col. Wash., Wash. Ext. B. 370 (Poult. Pointers 34):9, 1947.
- LIPONISSUS SYLVIARUM - INSECTICIDES**
 Alicata et al., Poult. Sci. 25:379, 1946.
 Povar, Cornell Vet. 36:91-92, 1946.
 b Telford & Guthrie, Agr. Chem. 1(3):30-31, 1946.
- LIPONISSUS SYLVIARUM - SYNONYMY**
 b Ewing, Biol. Soc. Wash. P. 60:87, 1947.
- LIPONISSUS SYLVIARUM & ENCEPHALITIS**
 Hammon, Cal. Mosq. Control Assoc. P. 15:22, 1947.
- LIPONISSUS SYLVIARUM & ENCEPHALOMYELITIS, EQUINE**
 b Reeves et al., Science 105:411-412, 1948.
- LIPOPTENA DEPRESSA (Say)**
 b Cowan, Can. J. Res. Sect. D 24:77, 88-89, 1946.
 b Hare, Pan-Pac. Ent. 21:48-57, 1945.
 bi Herman, Cal. Fish & Game 31(1):16-20, 1945.
- LIPOSCELIS DIVINATORIUS (Mull.) (BOOKLOUSE)* (CEREAL PSOCID)**
 Holdaway, Hawaiian Ent. Soc. P. 13:10, 1947.
 Jensen & Holdaway, J. Ec. Ent. 39:274, 1946.
 i Linsley & Michelbacher, Pest Control & Sanit. 1(10):12-13, 1946.
 Pemberton, Hawaiian Planters' Rec. 50:131, 135, 138, 1946.
 USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests 12, 1947.
- LIRIOMYZA FLAVEOLA (Fall.)**
 Lange, Cal. C. 365:56, 1946.
 Smith & Lange, Cal. C. 365:52-54, 1946.
 Lange et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944 19-22, 1945.
- LIRIOMYZA ORBONA (Meig.)**
 Lange, Spreckels Sugar Beet Bul. 11:3, 1947.
 i Lange & Smith, J. Ec. Ent. 40:496-499, 1947.
- LIRIOMYZA PUSILLA (Meig.) (SERPENTINE LEAF MINER)***
 Davis, Ind. Acad. Sci. P. 56:150, 1947?
 Hayslip & Forsee, Fla. St. Hort. Soc. P. 60:154, 1947.
 Mowry et al., Fla. R. f. 1946/47 177.
 Ruehle, Fla. R. f. 1945/46:197.
 Wolfenbarger, Fla. R. f. 1946/47:249-250.
 i Wolfenbarger, Fla. PB 639, 6 p., 1947.
- LIRIOMYZA PUSILLA - INSECTICIDES - DDT**
 Clark & Hoveland, Wis. B. 472:58-59, 1947.
 Gould, Ind. R. 60:70, 1947.
 Kelsheimer, Fla. R. f. 1946/47:127.
 White, USDA EPQ E-892:10, 1946.
- LIRIS AURATA (F.)**
 Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46:2, 1947.
 Weber, Hawaiian Ent. Soc. P. 13:22, 1947.
- LIROASPIS ARMATUS Fox**
 ni Fox, Ent. Soc. Amer. Ann. 40:600-602, 1947.
- LISSORHOPTRUS SIMPLEX (Say) (RICE WATER WEEVIL)***
 Frost, N. Y. Ent. Soc. J. 53:221, 1945.
 i Isely & Lincoln, Ark. Ext. C. 442, 7 p., 1946.
 Knowles & Fisk, U. S. Pub. Health Rpts. 60:1006, 1009-1011, 1017-1018, 1945.
 Lincoln & Miner, Ark. Ext. C. 437:19, 1945.
 Wisecup et al., J. Ec. Ent. 39:52-55, 1945.

LISTRODERES COSTIROSTRIS OBLIQUUS Klug (VEGETABLE WEEVIL)*

- Armitage et al., Cal. Dept. Agr. B. 34. 174, 1946
 i Bissell & Dupree, Ga. B. 254 4-5, 21, 1947.
 Burgess, Ariz. R. 56:48, 1946
 Ebeling, Cal. Ext. C. 43 rev. 48, 1947.
 Keifer, Cal. Dept. Agr. B. 34 188, 1946.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46.17.
 Nettles et al., S. C. Ext. B. 109 29-30, 1947.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45 9, f. 1945/46 19.
 USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945 13, 1946.
LISTRODERES OBLIQUUS - INSECTICIDES
 Lange & Herbert, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944 28, 1945.
 Lincoln, Ark. Ext. C. 438 11, 1945.
 Yerxa, Cal. Cult. 92 74-75, 1945.
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob. 9-10, Cigar Tob. 2, 1947.
LISTRODERES OBLIQUUS - PARASITES
 Annand, USDA EPQ R. f. 1944/45 23, f. 1945/46 22.
 Compere, J. Ec. Ent. 39 671-672, 1946
LISTRONOTUS LATIUSCULUS (of auth., not (Boh)), see **LISTRONOTUS OREGONENSIS** (Lec.)
LISTRONOTUS OREGONENSIS (Lec.) (CARROT WEEVIL)*
 Dean et al., Kans. Ent. Soc. J. 18 94, 1945
 Martin, N. J. R. 67 40, 1947?
 Petty, Ill. Veg. Grow. B. 5(3) e. 4) 11, 1945.
 Russell, Fla. R. f. 1945/46 125.
 Smith et al., Kans. Ent. Soc. J. 19 45, 1946.
LITANEUTRIA MINOR (Scudd.)
 i Breland & Dobson, Ent. Soc. Amer. Ann. 40:557, 569-570, 1947.
 Fautin, Ecol. Monog. 16:264, 267, 1946.
LITHOCOLLETIS BLANCHARDELLA (F.)
 Dewey, N. Y. St. Hort. Soc. P. 92:58, 1947.
 Whitcomb, Mass. B. 428-40, 1945.
LITHOCOLLETIS CRATAEGELLA Clem (SPOTTED TENTIFORM LEAF-MINER)
 Hough & Hill, Va. R. f. 1946/47:30.
 Steiner, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[26], 1945.
 Steiner, Va. Fruit 34:145-146, 1946.
LITHOCOLLETIS MALMALIFOLIELLA Braun
 Neary, N. S. Dept. Agr. & Mktg. R. f. 1946/47:141, 1948.
 Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946, 25:89, 1947.
LITHOCOLLETIS POPULIELLA (Chamb.)
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:34, 1945.

LITHOCOLLETIS PROPINQUELLA

- Braun
 Whitcomb, Mass. Fruit Grow. Assoc. R. 51:23, 1945.
LITHOCOLLETIS TREMULOIDIELLA Braun
 Bradley, Can. Ins. Pest Rev. 25 76, 1947.
 Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:45, 1947.
LITHOPHANE ANTENNATA (Wlkr.) (GREEN FRUITWORM)*
 Boyd, N. J. Dept. Agr. C. 355-36-37, 1945.
 Stearns, Del. B. 263 28, 1947.
LITOMASTIX FLORIDANA (Ashm.)
 Van Zwaluwenburg, Hawaiian Ent. Soc. P. 13:1, 1947.
LITOPROSPUS COACHELLAE Hill
 Flock, Ariz. St. Ent. R. f. 1944 21, 1945
 Keifer, Cal. Dept. Agr. B. 34 189, 1946, 35 209, 1947.
 *LITTLE BLACK ANT, see **MONOMORIUM MINIMUM** Buckl.
LITTLE CHERRY, see **INSECTS & PLANT DISEASE - LITTLE CHERRY**
 *LITTLE FIRE ANT, see **WASMANNIA AUROPUNCTATA** (Roger)
 *LITTLE HOUSE FLY, see **FANNIA CANICULARIS** (L.)
LIVESTOCK - PESTS
 i Davis, Ind. Ext. B. 105 rev. 8 p., 1945.
 Davis et al., Livestock Enterprises rev. 39, 136-138, 213-214, 252, 332-333, 336-337, 428, 1946.
 b Dikmans, Amer. J. Vet. Res. 6 211-213, 216-217, 221, 223-224, 228, 231-233, 238-241, 1945.
 Howell et al., Rocky Mountain Conf. Ent. R. 18 3-5, 1947
 Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):61-70, 1947.
 i Peters & Deyoe, Raising Livestock 262-263, 275-280, 284, 289-291, 296-298, 1946.
 Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:102, 1947.
 Schwartz, USDA YB f. 1943/47 71-74.
 Schwartz, Amer. Vet. Med. Assoc. J. 106:331-335, 1945.
 Schwartz et al., U. S. Livestock Sanit. Assoc. P. 50:96-98, 1947.
 Swanson, U. S. Livestock Sanit. Assoc. P. 50:93-95, 1947.
 Trullinger et al., USDA OES R. f. 1945/46:112-113, 1947.
LIVESTOCK - PESTS - CANADA
 Gardiner, Can. Min. Agr. R. f. 1945/46:80-81; f. 1946/47:98.
 Gregson, Can. Ins. Pest Rev. 23:117-118, 1945; 24:129-130, 1946.
 MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev. 255-257, 309-312, 329-332, 358-359, 1945.
 Manson et al., Can. Ins. Pest Rev. 25: 111-117, 1947.

LIVESTOCK - PESTS - CANADA--Continued.

Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 196, 12 p., 1945.

LIVESTOCK - PESTS - CONTROL

Bullock, Pract. Farm. 1. So. ed. 2:349-355, 367, 1946.

i Dove, Agr. Chem. 1(1):29-31, 63, 1946.

i Dykstra, Anim. Sanit. & Dis. Control rev.:110, 128-134, 217-242, 468-484, 1946.

i Kelly, Kans. Ext. Livestock Ins. Control in Kans., 24 p., 1946?

Knowlton, Ins. Pests & Ins. Control:2-4, 1947.

i Amer. Assoc. Ec. Ent. Com. for Coordination Ent. with War Effort, War on Ins., 12 p., 1945?

LIVESTOCK - PESTS - DIPS

Green, Control de Plagas 8:148, 1946.

b Lesser, Agr. Chem. 1(7):26-30, 55, 1946.

LIVESTOCK - PESTS - HAWAII

b Alicata, Pac. Sci. 1:71-84, 1947.

LIVESTOCK - PESTS - INSECTICIDES

Annand, USDA EPQ R. f. 1944/45:10; f. 1945/46:8-9; f. 1946/47:19-21.

Gentry, Iowa Vet. 18(3):12-15, 1947.

Gentry, Vet. Med. 42:184-186, 1947.

Laake & Bruce, USDA YB f. 1943/47: 670-673.

Rebrassier et al., U. S. Livestock Sanit. Assoc. P. 49:83-85, 1946.

Rude & Graham, Tex. Vet. Bul. 9(1) 3-4, 1947.

Schwartz, U. S. Livestock Sanit. Assoc. P. 49:73-75, 1946.

Country Gentlemen Res. Dept., Agr. Ins. & Dis. Control Recom.:204-226, 1948.

Hyman, Julius & Co., Tech. Sup. 203, 4 p., 1947.

Wis. Agr. Expt. Sta., Some Insectic. in Wis. in 1947:6-7, 1947. (Sp. C.)

LIVESTOCK - PESTS - INSECTICIDES - DDT

i Bruce & Blakeslee, J. Ec. Ent. 39: 367-374, 1946.

Conner, N. C. Ext. C. 291 rev.-6-7, 1947.

i Daggy et al., Minn. Ext. B. 252:7-9, 1946.

Echols, Amer. Brahman J. 1(6):8-9, 1946.

Fenton et al., Okla. Mimeo. C. 147:4, 7, 1945.

Fouracre, Md. Agr. Soc. R. 30:171-173, 1946.

i Gunderson, Iowa Ext. Pam. 110, 4 p., 1946.

Harris, Iowa Vet. 16(6):10-11, 1945.

Harris, Norden News 19(5):4-5, 8, 1945.

i Haseman et al., Mo. C. 309:1-3, 1946.

b Kanegis & Roepke, Amer. Vet. Med. Assoc. J. 108:316-321, 1946.

i Laake, Kans. Stockm. 30[i.e. 29](9): 10-11, 1945.

Laake, Kans. St. Bd. Agr. R. 65(272): 87-92, 1946.

LIVESTOCK - PESTS - INSECTICIDES - DDT--Continued.

Pigg, Ky. Dept. Agr. Ky. Mktg. B. 3(2): 3-5, 1946.

Stanley, Tenn. Ext. Pub. 293 rev.:11-13, 1947.

Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65, 12 p., 1947.

b Vollrath, Hawaii Ext. C. 220, 6 p., 1947.

USDA EPQ E-714, 9 p., 1947.

LIVESTOCK - PESTS - LOSSES

CAUSED BY

Rempel & Arnason, Sci. Agr. 27:428-445, 1947.

LIVESTOCK - PESTS - NORTH AMERICA

Benbrook, List of Parasites of Dom. Anim. in N. Amer., 44 p., 1945.

LIVESTOCK - PESTS - OUTLOOK

Hall, Cargill Crop B. 21(11):11, 1946.

LIVESTOCK - PESTS - SPRAYS

Dove, Pest Control & Sanit. 2(10):22, 1947.

Dove, Pests 15(9):30, 1947.

Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:28.

Titensor et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:66-68, 1947.

LIVESTOCK - PESTS - SPRAYS - DDT

Bishopp, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 43-44, 69, 1947.

Burgess, Ariz. R. 56:36, 47, 1946.

Givens, Va. Dept. Agr. & Immigr. B. 459:7-8, 1947.

Horsfall & Lincoln, Ark. Ext. Leaf. 74, 6 p., 1946.

i Tissot, Fla. Grow. 55[i.e. 54](8):5, 12, 1946.

Trimble Bros., Breed. Gaz. 110(9): 16-17, 1945.

Vorhies & Wehrle, Ariz. Mimeo. R. 75:11-13, 1945.

LIXOPHAGA DIATRAEAE (Townsend)

(CUBAN FLY)

Annand, USDA EPQ R. f. 1943/44.25.

Beauchamp, Inst. Cubano de Suelos y Abonos Inform. Técn. 5:845-849, 1946.

Gomez, Fitófilo 4:136, 1945.

Ingram et al., Sugar J. 9(11):10, 1947.

Plank, Asoc. Tec. Azuc. Cuba. B. Ofic. 4:353-355, 1945.

Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:544, 546, 548, 1946.

Scaramuzza, Inst. Cubano de Suelos y Abonos 5:839-845, 1946.

Scaramuzza & Fernández Pérez, Asoc. Téc. Azuc. Cuba P. 20:35-41, 1946.

Scaramuzza et al., Asoc. Téc. Azuc. Cuba P. 21:1-5, 1947.

Wilson, Fla. R. f. 1945/46:179.

Wilson & Bregger, Fla. R. f. 1946/47: 189.

LIXOPHAGA VARIABILIS (Cogg.)

Jaynes & Marucci, J. Ec. Ent. 40:11, 1947.

LIXOPHAGA VARIABILIS--Continued.

Satterthwait & Swain, J. Ec. Ent. 39
577, 1946.

LIXUS CONCAVUS Say (RHUBARB CUR-
CULIO)*

Parks & King, Ohio Ext. B. 76 rev. 38,
1947.

Pratt et al., N. Y. (C.) Ext. B. 696
rev. 58-59, 1947.

LIXUS TERMINALIS Lec. - GENITALIA -
MALE

i Bruhn, Great Basin Nat. 8 15, 1947.

LIZARDS - INSECT FOOD, see INSECTS
AS FOOD OF LIZARDS

*LOCUST BORER, see MEGACYLLENE
ROBINIAE (Forst.)

*LOCUST LEAF MINER, see CHALEPUS
DORSALIS Thumb

LOCUSTS, see also GRASSHOPPERS

LOCUSTS - CONTROL - ARGENTINA

Parker, USDA EPQ E-734, 14 p., 1947.

LOCUSTS - CONTROL - FLAME
THROWER

Parker, USDA EPQ E-734 7-8, 1947.

LOCUSTS - CONTROL - INTERNATIONAL
COOPERATION

Uvarov, Smithson Inst. R. f. 1944 338-
346, 1945.

LOCUSTS - OUTBREAKS

Drake, in Iowa St. Col. & Iowa Agr.
Expt. Sta., Cent. of Farm. in Iowa
1846-1946:76-82, 1946.

Uvarov, Smithson Inst. R. f. 1944:331-
337, 1945.

LOCUSTS - RESISTANT CORN

b Pelletier, Fitófilo 4 23-54, 111-128,
1945

*LODGEPOLE NEEDLE MINER, see RE-
CURVARIA MILLERI Busck

*LODGEPOLE-PINE BEETLE, see DEN-
DROCTONUS MURRAYANAE Hopk.

*LODGEPOLE SAWFLY, see NEODIPRI-
ON BURKEI Mudd.

LOGANBERRY MITE, see PHYLLOCOP-
TES GRACILIS (Nal.)

LOHMANNIA Michael

Crandall & Tate, Amer. Soc. Agron. J.
39 163, 1947.

LOMAMYIA Banks - EARLY STATES

bi Gurney, Psyche 54:152-157, 162-169,
1947.

LONGCHAEA CHALYBEA Wied.

Caribbean Res. Council, Com. Agr.,
Nutr., Fisheries & For. Crop Inq.
Ser. 4:74, 1947.

LONGCHOPTERIDAE

Rapp & Snow, Bklyn. Ent. Soc. B. 40-
81-83, 1945.

*LONE STAR TICK, see AMBLYOMMA
AMERICANUM (L.)

*LONG-NOSED CATTLE LOUSE, see
LINOGNATHUS VITULI (L.)

*LONG-TAILED MEALYBUG, see PSEU-
DOCOCCUS ADONIDUM (L.)

*LONG-WINGED PLAINS GRASSHOPPER,
see DISSOSTEIRA LONGIPENNIS
(Thos.)

LONGISTIGMA CARYAE (Harr.) (SYCA-
MORE APHID)

Davis, Ind. Acad. Sci. P. 56:151, 1947.

LONGITARSUS sp.

Stirrett, Can. Ins. Pest Rev. 25:107,
1947.

LONGITARSUS TURBATUS Horn

Wressell, Can. Ins. Pest Rev. 24:60,
1946.

LONGITARSUS WATERHOUSEI Kutshcera
(MINT FLEA BEETLE)

b Hutson et al., Mich. Quart. B. 29:
283-285, 1947.

Thompson, Oreg. C. Inform. 384 1-2,
1946.

LOPHYPROLECTUS LUTEATOR (Thunb.)

Baird, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites 28,31,36, 1947.

Briand, Quebec Soc. Protect. Plants
30:56, 1947.

Finlayson, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.

Ins. Prov. Ont. by Introd. Ins. Para-
sites:47,49,52, 1947.

Wilkes, in Ont. Dept. Agr. Div. Ent.
Parasite Invest. Unit, Control For.

Ins. Prov. Ont. by Introd. Ins. Para-
sites 43-44,46,56-57,59, 1947.

LOPIDAEA DAKOTA Knegt. (CARAGANA
PLANT BUG)*

Arnason, Can. Ins. Pest Rev. 25:98,
1947.

Bird & Mitchener, Can. Ins. Pest Rev.
24 70, 1946, 25:105, 1947.

LOTUS BORER, see PYRAUSTA PENI-
TALIS (Grote)

LOUSEPROOFING - BEDDING

Dove, USDA EPQ E-673 2, 1945

LOUSEPROOFING - CLOTHING

Cameron, Parasites of Man ed. 2 154-
155, 1946.

Dove, USDA EPQ E-673:2, 1945.

Eddy & Bushland, U. S. Navy BUMED
News Let. 9(2):8, 1947.

bi Jones et al., J. Ec. Ent. 38:217-
223, Amer. Assoc. Ec. Ent. Cotton

Sts. Branch P. 19:68-69, 1945.
(Abs.)

Knipling, J. Ec. Ent. 39:363, 1946.

Stage & Knipling, Reunion Interamer.
del Tifo Pub. Ofic. 1 278-279, 1947.

LOUSEPROOFING APPARATUS

Jones et al., J. Ec. Ent. 38:220-222,
1945.

LOXA FLAVICOLLIS (Drury) - CHROMO-
SOMES

bi Schrader, Biol. Bul. 88 63-70, 1945.

bi Schrader, J. Morph. 76:157-175,
1945.

LOXA FLORIDA Van D. - CHROMO-
SOMES

bi Schrader, Biol. Bul. 88:63-64,68-70,
1945.

LOXA PICTICORNIS Horv. - CHROMO-
SOMES

bi Schrader, Biol. Bul. 88:63-64,69-
70, 1945.

bi Schrader, J. Morph. 76:157-175,
1945.

- LOXAGROTIS ALBICOSTA (Smith)
(BEAN CUTWORM)
Hoerner, West Colo. Hort. Soc.
Trans. f. 1944:57-58, 1945, f. 1945.
103,105-107, 1946.
- LOXOSTEGE COMMIXTALIS (Wlkr.)
(ALFALFA WEBWORM)*
i Muma, Neb. Ext. C. 1546,4 p., 1947.
Pepper, N. J. B. 718:38, 1945.
- LOXOSTEGE SIMILALIS (Guen.) (GAR-
DEN WEBWORM)*
Dean et al., Kans. Ent. Soc. J. 18:95,
1945.
Lincoln, Ark. Ext. C. 438:11, 1945.
Lincoln & Miner, Ark. Ext. C. 437:13-
14, 1945.
i Muma, Neb. Ext. C. 1546,4 p., 1947.
Smith et al., Kans. Ent. Soc. J. 20:53,
1947.
- LOXOSTEGE SIMILALIS - ALFALFA
Grandfield & Throckmorton, Kans. B.
328:59, 1945.
Pepper, N. J. B. 718:38, 1945.
- LOXOSTEGE SIMILALIS - BEETS
i Achterberg, Irrig. Farm. 5(5):6-7,
1947.
- LOXOSTEGE SIMILALIS - INSECTI-
CIDES
Annand, USDA EPQ R. f. 1946/47:13-
14.
Ivy & Ewing, J. Ec. Ent. 40:568-569,
1947.
Ivy et al., J. Ec. Ent. 40:514-515, 517,
1947.
Walton, J. Ec. Ent. 40:394-395, 1947.
- LOXOSTEGE SIMILALIS - INSECTI-
CIDES - DDT
b Goodhue et al., J. Ec. Ent. 38:181,
1945.
Smith et al., J. Ec. Ent. 38:192, 1945.
- LOXOSTEGE STICTICALIS (L.) (BEET
WEBWORM)* (SUGAR-BEET
WEBWORM)
Arnason et al., Can. Ins. Pest Rev.
24:86, 1946.
Bird & Mitchener, Can. Ins. Pest Rev.
24:67, 1946.
Grandfield & Throckmorton, Kans. B.
328:59, 1945.
Manson et al., Can. Ins. Pest Rev. 24.
94,104, 1946, 25:2, 1947.
i Muma, Neb. Ext. C. 1546,4 p., 1947.
Nelson, Rocky Mountain Conf. Ent. R.
18:12, 1947.
i Nelson, Through the Leaves 35(4):
33-35, 1947.
- LOXOSTEGE STICTICALIS - PARA-
SITES
Simmonds, Can. Ent. 79:227-232, 1947.
- *LUBBER GRASSHOPPER, see BRACHY-
STOLA MAGNA (Gir.)
- LUBBERLY LOCUST, see ROMALEA
MICROPTERA (Beauv.)
- LUCERNE MOTH, see NOMOPHILA
NOCTUELLA (Dyar & Shan.)
- LUCIDOTA ATRA (F.) - LUMINES-
CENCE
Brues, Psyche 53:13-14, 1946.
- LUCILIA Rob.-Desv. & MYIASIS
Webster, J. Parasit. 31:151, 1945.
- LUCILIA sp. & ATMOSPHERIC PRES-
SURE
Wellington, Can. J. Res. Sect. D 24.
105-117, 1946.
- LUCILIA CAESAR (L.) & MYIASIS
James, USDA Misc. Pub. 631:84-85,
1947.
- LUCILIA ILLUSTRIS (Meig.)
Shaw & Bourne, J. Ec. Ent. 39:543,
1946.
- LUCILIA ILLUSTRIS & MYIASIS
James, USDA Misc. Pub. 631 85, 1947.
- LUCILIA ILLUSTRIS & POLIOMYELITIS
b Power & Melnick, Yale J. Biol. &
Med. 18:58-61,66-69, 1945.
- LUCILIA SERICATA, see PHAENICIA
SERICATA (Meig.)
- LUDIVS AERIPENNIS AERIPENNIS Kby.,
see CTENICERA AERIPENNIS
AERIPENNIS (Kby.)
- LUDIVS AERIPENNIS DESTRUCTOR
Brown, see CTENICERA AERI-
PENNIS DESTRUCTOR (Brown)
- LUDIVS DIVARICATUS Lec., see CTEN-
ICERA DIVARICATUS (Lec.)
- LUDIVS LARICIS Brown, see CTENI-
CERA LARICIS (Brown)
- LUDIVS MORULUS (Lec.), see CTENI-
CERA SUCKLEYI MORULUS (Lec.)
- LUDIVS TRIUNDULATUS (Rand.), see
CTENICERA TRIUNDULATUS
(Rand.)
- *LUNA MOTH, see ACTIAS LUNA (L.)
- LUPINE INSECTS
Knowlton, Bklyn. Ent. Soc. B. 40:110,
1945.
- LYCOPHOTIA sp.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:18.
- LYCOPHOTIA MARGARITOSA (Haw.),
see PERIDROMA MARGARITOSA
(Haw.)
- LYCORIA Meig. - CHROMOSOMES
bi Crouse, J. Hered. 38 279-288, 1947.
bi McCarthy, Amer. Nat. 79:104-121,
228-245, 1946.
Metz et al., Amer. Phil. Soc. YB f.
1946:134-136, 1947.
bi Rohm, Amer. Nat. 81:5-29, 1947.
- LYCORIA - INSECTICIDES - DDT
Stoller, Agr. Chem. 1(2):25,64, 1946.
- LYCORIA - SPERMATOGENESIS
Crouse, Anat. Rec. 94:387, 1946.
(Abs.)
- LYCORIA - TRACHEAL SYSTEM
Keister, Anat. Rec. 99:602, 1947.
(Abs.)
- LYCORIA - X-RAYS
Metz, Anat. Rec. 99:582, 1947. (Abs.)
- LYCORIA COPROPHILA (Lint.) CHRO-
MOSOMES (SEX)
Crouse, Anat. Rec. 94:386-387, 1946.
(Abs.)
- LYCORIA IMPATIENS Johann. - MEI-
OSIS
b Carson, Genetics 31:95-113, 1946.
- LYCORIA INCONSTANS (Fitch)
b Smith & Goodhue, J. Ec. Ent. 38:
177-178, 1945.
- LYCORIA OXELLARIS (Comst.) - SEX
bi Davidheiser, Ohio J. Sci. 47:89-
102, 1947.

LYCORIINAE - NORTH AMERICA

nik Rapp, Amer. Ent. Soc. Trans. 71
125-127, 1946.

LYCOSA APOTHEICA Wall.

ni Wallace, Fla. Ent. 30 33-36, 1947.

LYCOSIDAE

i Carr, Desert Parade-59-60,62, 1947

i Kane, Sci. Illus 2(9) 48-49, 1947

LYCTOCORIS ELONGATUS (Reut)

Frank, Va. TB 108-10, 1947.

LYCTUS F.

Davis, Ind. Acad. Sci. P. 56 152, 1947?

Goble et al., Can. Ins. Pest Rev 25
120-121, 1947

i Lehker, Ind. Ext. R. 314,8 p , 1947.

Linsley, Pest Control & Sanit. 1(8) 30,
1946.

i McDaniel, Mich. Quart. B. 29 327-
330, 1947.

i Reed et al., J. Ec. Ent. 40 292, 1947.

Stiles, Okla. Ext. C. 223 rev. 31-32,
1946?

Thompson, Can. Ins. Pest Rev. 24 43,
1946.

LYCTUS sp

Flock, Ariz. St. Ent. R. f 1944 21,
1945.

LYCTUS BRUNNEUS (Steph.) (OLD

WORLD POWDER-POST BEETLE)

Myers, USDA EPQ Ins. Pest Surv Sp.
Sup. (1947, No. 2) 7.

LYCTUS CAVICOLLIS Lec. (WESTERN
POWDER-POST BEETLE)

i Berger, Ill. Nat. Hist. Surv. C. 41 8-
9, 1947

LYCTUS PARALLELOPIPEDUS (Melsh.)

Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 2) 7

LYCTUS PLANICOLLIS Lec (SOUTH-
ERN LYCTUS BEETLE)*

MacNay, Can. Ins. Pest Rev. 25 120,
1947.

LYDELLA Rob.-Desv. - LIBERATION

Jardine et al., USDA OES R. f.
1944/45-55, 1946.

LYDELLA sp.

Briand, Quebec Soc. Protect. Plants
30 56-57, 1947

LYDELLA GRISESCENS Rob.-Desv., see
LYDELLA STABULANS GRISES-

CENS Rob.-Desv.

LYDELLA STABULANS Rob.-Desv.

Gardiner, Can. Min. Agr. R. f.
1944/45-66.

LYDELLA STABULANS GRISESCENS

Rob.-Desv.

Arbuthnot, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:30-33, 1947.

Arbuthnot et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 6).1-2,4.

Clark, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1945, No. 1),5 p.; (1945, No. 3),
4 p.

Clark & Hoveland, Wis. B. 472:38,
1947.

Clark & Jones, USDA EPQ Ins. Pest
Surv. Sp. Sup. (1945, No. 4),2 p.,

(1946, No. 2),10 p.; (1946, No. 3)1-2,
4.

Cooper, Ky. R. 57:19, 1945; 58:30,
1946; 59:28, 1947.

LYDELLA STABULANS GRISESCENS--

Continued.

Cory, Md. Agr. Soc. R. 30:147-148,
1946.

Deay, Ind. R. 59 11, 1946, 60:68, 1947

Deay & Vance, Ind. R. 58 59, 1945.

Drake, Iowa Dept. Agr. YB 46 171-176,
1946, 47 121-129, 1947.

Drake et al., Iowa R. f. 1944/45
Pt. 2 68.

i Drake et al., Iowa Dept. Agr. YB 45
100-107, 1945.

Jones et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 3) 2-6.

MacCreary, Del. B. 263 26, 1947.

Rice & Wolfenbarger, Del. B. 259-21,
1945.

Ritcher, Ky. B. 502 19-20,22, 1947.

Weiss, N. J. Dept. Agr. R. 31 153,
1946, 32 161, 1947.

LYGAEDAE

nk Barber, Soc. Cubana Hist. Nat.

Mem 19 55-75, 1947.

k Torre-Bueno, Ent. Amer. 26 1-141,
1946

LYGAEONEMATUS ERICHSONII (Htg.),

see PRISTIPHORA ERICHSONII
(Htg.)

LYGAEUS VITFISCUTIS Stal.

Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1).4.

LYGIDEA MENDAX Reut. (APPLE RED
BUG)*

Chapman, Pa. St. Hort. Assoc. P. 88-
74,80, 1947.

i Dean, N. Y. (G.) Farm Res. 11(3)-5-
6, 1945.

bi Dean & Chapman, N. Y. (G.) B. 716,
42 p., 1946.

Dewey, N. Y. St. Hort. Soc. P. 92-53-
54, 58, 1947.

i Mills & Dewey, N. Y. (C) Ext. B.
711.6-7,10-11,30,37-38, 1947.

N. J. Ext. Spray Calendar 16-8, 1946.

LYGIDEA MENDAX - CANADA

Neary, N. S. Dept. Agr. R. f. 1943/44
102, 1945, f. 1945/46-93, 1947.

Neary, N. S. Fruit Grow. Assoc. R. 83-
23, 1946, 84,114-115, 1947.

Patterson & Neary, Can. Ins. Pest
Rev. 24:15, 1946.

Ross, Can. Ins. Pest Rev. 24:46, 1946.

Ross et al., Can. Ins. Pest Rev. 25:87,
1947.

Thompson, Can. Ins. Pest Rev. 24:41,
1946.

LYGRIS DIVERSILINEATA (Hbn.)

(GRAPEVINE LOOPER)*

Arnason, Can. Ins. Pest Rev. 25:94,
1947.

Arnason et al., Can. Ins. Pest Rev. 24:
88, 1946.

LYGUS Hahn

Arnason, Can. Ins. Pest Rev. 25:103,
1947.

Arnason et al., Can. Ins. Pest Rev. 24:
85, 1946.

Burgess, Ariz. R. 57:46, 1947.

Flock, Ariz. St. Ent. R. f. 1944:16,
1945.

Lauderdale, Ariz. St. Ent. R. f.
1945/46:16.

LYGUS--Continued.

- List & Edmundson, Amer. Potato J. 23:348,350-351, 1946.
 Manson, Can. Ins. Pest Rev. 25:105, 1947.
 Manson & Arnason, Can. Ins. Pest Rev. 25:18, 1947.
 Parker, Ariz. St. Ent. R. f. 1946/47 26.
 i Shull & Manis, Ida. Ext. B. 150:7, 1945.
 LYGUS - AEROSOLS
 Annand, USDA EPQ R. f. 1946/47 21.
 Wene, J. Ec. Ent. 40:677,679, 1947.
 LYGUS - ALFALFA
 Jeppson, West. Feed & Seed Dealer 2: 5, 1947.
 bi Jeppson & MacLeod, Hilgardia 17: 165-188, 1946.
 i Smith & Michelbacher, J. Ec. Ent. 39: 639-641, 1946.
 LYGUS - ALFALFA, see also LYGUS & SEED PRODUCTION - ALFALFA
 LYGUS - BEANS, LIMA
 b Baker & Snyder, Science 103:500-501, 1946.
 Michelbacher, Cal. C. 365:26-29, 1946.
 LYGUS - CONTROL, CULTURAL
 Bolton & Peck, Sci. Agr. 26:133-136, 1946.
 LYGUS - DUSTS
 b Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:298-318, 1947.
 Holland, Cal. Lima Bean News 5(1):7, 1947.
 Lieberman, Utah Agr. Expt. Sta. Farm & Home Sci. 6(3):3-4, 1945.
 Lieberman, Amer. Soc. Agron. J. 38: 489-494, 1946.
 Lieberman & Hare, USDA EPQ E-697, 4 p., 1946.
 Sorenson & Carlson, Utah Agr. Expt. Sta. Farm & Home Sci. 6(3):5,11, 1945.
 bi Sorenson & Carlson, Amer. Soc. Agron. J. 38:495-501, 1946.
 LYGUS - DUSTS - DDT
 Curry, N. Mex. R. 57:17, 1947?
 Isaksson, Amer. Soc. Sugar Beet Technol. P. 4:319-321, 1947.
 Michelbacher et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 4-6, 1945.
 Packard, USDA EPQ E-640:2, 1945.
 b Romney, J. Ec. Ent. 39:664-665, 1946.
 Shull & Manis, Ida. B. 268:40, 1946.
 bi Smith & Michelbacher, J. Ec. Ent. 39:638-648, 1946.
 Snipes et al., Rocky Mountain Conf. Ent. R. 18:9, 1947.
 LYGUS - DUSTS - DDT MIXTURES
 Michelbacher et al., Cal. C. 365:26-29, 1946.
 White, USDA EPQ E-642:3, 1945.
 LYGUS - INSECTICIDES
 Annand, USDA EPQ R. f. 1944/45:5,13; f. 1946/47:4,7-9.
 LYGUS - INSECTICIDES - DDT
 White, USDA EPQ E-692:4, 1946.

LYGUS - INSECTICIDES - DDT--Continued.

- Lange & Herbert, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 28, 1945.
 LYGUS & SEED PRODUCTION - ALFALFA
 Annand, USDA EPQ R. f. 1943/44:11, f. 1944/45:12,19-20, f. 1946/47:30.
 b Bolton & Peck, Sci. Agr. 26 130-137, 1946.
 Carlson, Utah Agr. Expt. Sta. Farm & Home Sci. 6(4):3,15, 1945.
 Carlson, Amer. Soc. Agron. J. 38:502-514, 1946.
 Gardiner, Can. Min. Agr. R. f. 1946/47 79.
 Hare et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:82-84, 1947.
 Huxson, Neb. Ext. C. 1551:2-3, 1947.
 Jardine et al., USDA OES R. f. 1944/45:51-52, 1946.
 Lieberman, USDA EPQ E-658,7 p., 1945.
 Lieberman, Amer. Soc. Agron. J. 38: 489-494, 1946.
 Lieberman & Hare, USDA EPQ E-697, 4 p., 1946.
 Linsley, Cal. C. 365:18-22, 1946.
 McMahon & Arnason, Can. Dept. Agr. Div. Ent. Processed Pub. 67,3 p., 1947.
 Manis & Shull, Ida. B. 269:33, 1947.
 Michelbacher et al., Cal. C. 365:7-17, 1946.
 Packard, USDA EPQ E-640:2, 1945.
 Salter, USDA PISAE R. f. 1944/45:18
 Shull & Manis, Ida. B. 268:40, 1946.
 b Sorenson, Mirid-bug Injury as a Factor in Declining Alfalfa-seed Yields:9-22,25-26, 1946.
 bi Sorenson & Carlson, Amer. Soc. Agron. J. 38:495-501, 1946.
 Trullinger et al., USDA OES R. f. 1945/46:110, 1947.
 Walker, Utah B. 327:8, 1947.
 LYGUS & SEED PRODUCTION - GUAYULE
 b Cassidy et al., J. Ec. Ent. 38:50-51, 1945.
 b Romney, J. Ec. Ent. 39:664-665, 1946.
 Romney et al., J. Ec. Ent. 38:45-50, 1945.
 LYGUS & SEED PRODUCTION - SUGAR BEET
 Annand, USDA EPQ R. f. 1944/45:13-14,19; f. 1946/47:4,7.
 Curry, N. Mex. R. 57:17, 1947?
 Hills, USDA EPQ E-635,4 p., 1945.
 b Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:298-318, 1947.
 i Knowlton & Peay, Utah Farm & Home Sci. 7(2):11-12, 1946.
 LYGUS sp. - DUSTS
 Roark, USDA EPQ E-721:9, 1947.
 LYGUS sp. & LEAF ROLL OF POTATO
 Jensen, Hawaiian Ent. Soc. P. 12:599, 1946.
 LYGUS APICALIS Fleb.
 bi Romney et al., J. Ec. Ent. 38:45-50, 1945.

- LYGUS APICALIS--Continued.
White, USDA EPQ E-692 4, 1946.
- LYGUS CAMPESTRIS (L.) (CELERY PLANT BUG)
Trullinger et al., USDA OES R. f. 1945/46.106, 1947.
Whitcomb, Tomlinson & Garland, Mass. Com. Veg. Grow. Jan. 10, 1945:4.
Whitcomb & Garland, Mass. B. 436 41, 1946; 441 39, 1947
- LYGUS CAMPESTRIS & "BLACKHEART" OF CELERY
Whitcomb & Garland, Mass. B. 428 38, 1945.
- LYGUS COMMUNIS Knegt., see NEOLYGUS COMMUNIS (Knegt.)
- LYGUS ELISUS Van D. (PALE LEGUME BUG)
Fautin, Ecol. Monog. 16 266, 1946
Knowlton, Bklyn Ent Soc. B 42 79, 1947
McMahon & Arnason, Can. Dept Agr. Div Ent Processed Pub 67.3 p., 1947
Manson, Can. Ins Pest Rev. 25 18, 1947.
Manson et al., Can Ins Pest Rev. 24 94,97, 1946.
bi Romney et al , J. Ec Ent 38 45-50, 1945.
b Salt, Sci Agr. 25 573-576, 1945.
- LYGUS ELISUS - BEANS, LIMA
Baker & Snyder, Science 103 501, 1946.
bi Baker et al., Phytopathology 36 493-503, 1946
- LYGUS ELISUS - INSECTICIDES
Hill, Neb Res B. 138 3,7,9,12-13, 1945.
b Hills et al., Amer. Soc. Sugar Beet Technol. P. 4 298-318, 1947.
i Knowlton & Peay, Utah Farm & Home Sci. 7(2) 11-12, 1946.
Michelbacher et al., Cal. C. 365 7-17, 1946.
- LYGUS ELISUS - INSECTICIDES - DDT
Cormany, Amer Soc Sugar Beet Technol P. 4 329-330, 1947
- LYGUS ELISUS - PEPPERGRASS
Romney, Ecology 27 260-261, 1946
- LYGUS FASCIATUS Reut. - AVOCADO
Wolfe et al., Fla Ext. B 129 89, 1946
- LYGUS HESPERUS Knegt (WESTERN PLANT BUG)
McMahon & Arnason, Can Dept Agr Div Ent. Processed Pub 67.3 p, 1 1947
Manson, Can Ins. Pest Rev 25-18, 1947
Manson et al., Can Ins Pest Rev. 24 94,97, 1946
bi Romney et al., J Ec. Ent 38.45-50, 1945.
b Salt, Sci Agr 25-573-576, 1945
- LYGUS HESPERUS - BEANS, LIMA
Baker & Snyder, Science 103:501, 1946.
bi Baker et al , Phytopathology 36:493-503, 1946
- LYGUS HESPERUS - DUSTS
b Cassidy et al., J Ec Ent. 38:50-51, 1945.
- LYGUS HESPERUS - DUSTS--Continued.
Hills & Kennedy, USDA EPQ E-648.2-14.19, 1945.
b Hills et al., Amer. Soc. Sugar Beet Technol. P. 4.298-318, 1947.
i Knowlton & Peay, Utah Farm & Home Sci 7(2).11-12, 1946.
Lieberman, USDA EPQ E-658,7 p., 1945.
Michelbacher et al., Cal. C. 365 7-17, 1946.
Smith, Cal. C. 365 30-32, 1946.
- LYGUS HESPERUS - DUSTS - DDT
Smith, in Cal. Agr. Expt. Sta., Invest with DDT in Cal. 1944 7-8, 1945.
Stevenson, J. Ec. Ent. 38 533, 1945.
- LYGUS HESPERUS - INSECTICIDES - DDT
Craighead & Brown, USDA EPQ E-649-5, 1945
Romney et al., USDA EPQ E-672 2-4, 1945.
- LYGUS HESPERUS - PARASITES
i Romney & Cassidy, J. Ec. Ent. 38 497-498, 1945.
- LYGUS HESPERUS - SPRAYS
Lange & Herbert, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944 27, 1945.
Lange et al., in Cal. Agr. Expt. Sta., Invest with DDT in Cal. 1944 19,21-22, 1945
- LYGUS HESPERUS & POLLINATION - GUAYULE
Gardner, Amer. Soc. Agron. J. 39 226-233, 1947.
Romney et al , USDA EPQ E-672 3-4, 12, 1945.
- LYGUS OBLINEATUS (Say) (TARNISHED PLANT BUG)*
Barrus & Leiby, N. Y. (C) Ext. B. 518, rev. 15, 1945.
Drake, Iowa Dept. Agr. YB 47 138, 1947.
Enns, Mo. St. Hort. Soc. Hort. News 7(2):10-11, 1947.
Gould, Ind. R. 58 55, 1945.
Granovsky, Minn. Hort. 75 59, 1947
i Holley, N. H. B. 359:30, 1945.
McDaniel, Flor. Rev. 98(2534) 33, 1946.
i Russell, Horticulture 25 206-207, 1947.
Snapp, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944'8, 1945.
Underhill & Bodenstein, Va. TB 97.11, 1946.
i Westcott, Home Gard. 5(3).47, 1945.
i Ohio B. 655 55-56, 1945. 670:55-56, 1947.
- LYGUS OBLINEATUS - CANADA
Bird & Mitchener, Can. Ins. Pest Rev. 24-70, 1946.
Cannon, Can. Ins. Pest Rev. 24.9, 1946.
Downes et al., Can. Ins. Pest Rev. 25: 12-13, 1947.
Gauthier, Can. Ins. Pest Rev. 24.31, 1946.
Glendenning, Can. Ins. Pest Rev. 24-118, 1946.

LYGUS OBLINEATUS - CANADA--Continued.

- Marshall, Can. Ins. Pest Rev. 25:96, 1947.
Neary, N. S. Dept. Agr. & Mktg. R. f. 1944/45:103-104, 1946; f. 1945/46: 92, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:17, 1946.
Ross, Can. Ins. Pest Rev. 24:48, 1946.
i Ross & Putnam, Can. Dept. Agr. Div. Ent. Processed Pub. 43:2-3, 1946.
Thompson, Can. Ins. Pest Rev. 24:39, 42, 1946.
Venables, Can. Ins. Pest Rev. 24:119, 1946.
Ward, B. C. Dept. Agr. R. 40:V79, 1946.

LYGUS OBLINEATUS - CHRYSANTHEMUMS

- Cumming, Hardy Chrysanthemums rev.:126, 1945.
Hamilton, Natl. Chrysanthemum Soc. B. 3(2):5-6, 1947.
i Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:63-64, 1946.
Scott, East. Sts. Chrysanthemum Soc. B. 2(3):4, 1946.
Scott & Scott, Chrysanthemums for Pleasure:17-18, 28, 1947.

LYGUS OBLINEATUS - CONTROL - PLANT HORMONES

- i Fisher et al., Wis. B. 469:31-32, 1946.

LYGUS OBLINEATUS - DUSTS

- Allen et al., J. Ec. Ent. 38:390, 1945.
Brown, Amer. Dahlia Soc. B. ser. 19(1):8-9, 1946.
Hills & Kennedy, USDA EPQ E-648:1-14, 19, 1945.
b Hills et al., Amer. Soc. Sugar Beet Technol. P. 4:298-318, 1947.
Ivy & Ewing, J. Ec. Ent. 39:39, 1946.
Knowlton & Peay, Utah Farm & Home Sci. 7(2):11-12, 1946.
Lyle, Miss. Farm Res. 8(5):7-8, 1945.
Michelbacher et al., Cal. C. 365:7-17, 1946.

- Trullinger et al., USDA OES R. f. 1945/46:111-112, 1947.

LYGUS OBLINEATUS - DUSTS - DDT

- Cormany, Amer. Soc. Sugar Beet Technol. P. 4:329-330, 1947.
Newcomer, Wash. St. Hort. Assoc. Proc. 41:51, 1945.

LYGUS OBLINEATUS - DUSTS - EFFECT ON RED CLOVER YIELD

- Schwardt et al., J. Ec. Ent. 40:364-365, 1947.

LYGUS OBLINEATUS - FOOD & HOST PLANTS

- Fenton & Brett, Okla. Acad. Sci. P. 27:35-36, 1947.
Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:98-101, 1945.
b Woodside, J. Ec. Ent. 40:232-233, 1947.

LYGUS OBLINEATUS - GUAYULE

- Romney, J. Ec. Ent. 39:671, 1946.

LYGUS OBLINEATUS - INSECTICIDES

- Annand, USDA EPQ R. f. 1944/45:17; f. 1945/46:8,10-11; f. 1946/47:13.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 70-71, 1947.
Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:99, 1945.
Fenton et al., Okla. Acad. Sci. Proc. 25:35-36, 1945.
Gardiner, Can. Min. Agr. R. f. 1946/47:85.
Gould, Ind. R. 60:69, 1947.
Medler & School. J. Ec. Ent. 40:580-581, 1947.
Morofsky & Muncie, Amer. Potato J. 24:162-166, 1947.
Williams, Conn. Ext. B. 377:25, 1946.
Woodside, Cumberland-Shenandoah Fruit Workers' Conf. P. 23[22], 1946.
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R. 12, 1947.

LYGUS OBLINEATUS - INSECTICIDES - DDT

- Hutson, Mich. St. Hort. Soc. R. 75.59, 1946.
Hawkins et al., Maine B. 449:295, 1947.
Luce, Better Fruit 40(7):8, 1946.
Rawlins, Amer. Potato J. 23:142, 1946.
Smith et al., J. Ec. Ent. 38:191, 1945.
i Snapp, J. Ec. Ent. 39 41-43, 1946.

LYGUS OBLINEATUS - PEACHES

- Whitcomb, Mass. Fruit Grow. Assoc. R. 51:23-24, 1945.

LYGUS OBLINEATUS - PREY

- James, Quebec Soc. Protect. Plants R. 30:110, 1947.

LYGUS OBLINEATUS - SPRAYS

- Snapp, Ind. Hort. Soc. Trans. 86:98-100, 1947.

- Woodside, Va. R. f. 1946/47:32-33.

LYGUS OBLINEATUS - SPRAYS - DDT

- i Snapp, Amer. Fruit Grow. 66(2):24, 1946.

LYGUS OBLINEATUS & PEACH DEFORMITIES

- Fenton & Brett, Okla. Acad. Sci. P. 27:34-37, 1947.
Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:98-101, 1945.
Fenton et al., Okla. Acad. Sci. Proc. 25:34-37, 1945.

- i Graham et al., Md. Ext. B. 105:28-29, 1945.

- i Snapp, J. Ec. Ent. 39:41-43, 1946; 40:135-136, 1947.

- Trullinger et al., USDA OES R. f. 1945/46:109, 1947.

- Woodside, Va. B. 389:3,11,14, 1946.

- Woodside, Va. Fruit 35(8):14-15, 1947.

LYGUS SALLEI

- Stal Romney et al., J. Ec. Ent. 38:45-50, 1945.

LYGUS SIMONYI Reut. & "FRISOLÉE" DISEASE OF COTTON

- Steyaert, Sci. Month. 63:275, 1946.

- LYMANTOR DECIPIENS (Lec.)
Beal & Massey, Duke Univ. School
For. B. 10:161, 1945
- LYNCHIA Weyenb.
nik Bequaert, Psyche 52:88-104, 1945.
- LYNCHIA AMERICANA (Leach)
Bequaert, Bklyn. Ent. Soc. B. 40 30,
1945.
Edminster, Ruffed Grouse:247-248,
1947.
- LYNCHIA FUSCA (Macq.) & MALARIA,
AVIAN
i Herman, Cal. Fish & Game 31(1):22,
1945.
- LYNCHIA HIRSUTA Ferris
bi Herman, Cal. Fish & Game 31(1)
20-21, 1945.
- LYPEROSIA IRRITANS (L.), see SIPHONA
IRRITANS (L.)
- LYPHA FRONTALIS, L. FUMIPENNIS, L.
INTERMEDIA, L. PARVA
n Brooks, Can. Ent. 77:85-86, 1945.
- LYPHA SETIFACIES West
Coppel, Ent. Soc. Ont. R. 77 40, 1947
Wilkes & Anderson, Ent. Soc. Ont. R.
77 41, 1947.
- LYPSIMENA FUSCATA Lec.
i Knull, Ohio Biol. Surv. B. 39 259,
1946.
- LYSIPHLEBUS Foerst., see APHIDIUS
(LYSIPHLEBUS) Foerst.
- LYSIPHLEBUS TESTACEIPES (Cress.),
see APHIDIUS TESTACEIPES
(Cress.)
- LYTTA NUTTALLII Say (NUTTALL
BLISTER BEETLE)*
Manson et al., Can. Ins. Pest Rev. 24
101, 1946.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944 54, 1945.
f. 1945:54, 1946.
Peterson, Can. Ins. Pest Rev. 24:108,
1946, 25 2, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:70, 1947.
- LYTTA SPHAERICOLLIS Say (ASH BLIS-
TER BEETLE)
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1945:64, 1946.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944-54, 1945
f. 1945:54, 1946
Peterson, Can. Ins. Pest Rev. 24 108,
1946; 25:2, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:70, 1947.
- LYTTA VESICATORIA (L.) (SPANISH
FLY)*
Brooks & Alyea, Poisons:57-58, 1946.
- LYTTA VIRIDANA Lec.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944-54, 1945.
f. 1945:54, 1946.
Peterson, Can. Ins. Pest Rev. 24:108,
1946; 25:2, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:70, 1947.
- MACADAMIA NUT HUSK BORER, see
CRYPTOPHLEBIA ILLEPIDA
(Butt.)
- MACALLA THYRSISALIS Wikr.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, no. 1):4.
- MACHAEROCERA Sauss. - TAXONOMY
Rehn, Ent. News 58:113-116, 1947.
- MACHILIS VARIABILIS Say - PROVEN-
TRICULUS
bi Judd, Can. J. Res. Sect. D 25 135-
138, 1947.
- MACHROCHELES ALATUS Fox
ni Fox, Biol. Soc. Wash. P. 59 174,
1946.
- MACKIE'S SCALE, see LEPIDOSAPHES
MACKIEANA MCK.
- MACREMPHYTUS TARSATUS (Say) -
WOOD-BORING
i Becker & Sweetman, J. Ec. Ent. 39
408, 1946.
- MACROBASIS, suppressed as subgenus of
EPICAUTA
- MACROCENTRUS Curt.
Garman, Conn. B. 488 330, 1945.
Ross, Can. Hort. Grow. Ed. 69 28,
1946.
Slate, Conn. R. 484:63, 1945.
Stearns, Cumberland-Shenandoah
Fruit Workers' Conf. P. 23:[21],
1946.
Wheeler, N. Y. St. Hort. Soc. P. 91 11-
15, 1946
- MACROCENTRUS - REARING
Finney, J. Ec. Ent. 38:120, 1945.
- MACROCENTRUS sp.
Scaramuzza et al., Asoc. Téc. Azuc.
Cuba P. 21 5, 1947
- MACROCENTRUS ANCYLIVORUS Roh.
Alden, Ga. Dept. Ent. B. 90:7, 1947.
Annand, USDA EPQ R. f. 1943/44 3,
f. 1944/45-24, f. 1945/46 3,23,
f. 1946/47 25-26.
Annand, New Internatl. YB 1944 296,
1945.
Armitage, Cal. Dept. Agr. B. 33:232-
233, 1945.
Armitage, Cal. Dept. Agr. Prog. R. 1,
1, 1945.
Blackburn, Ohio B. 659 105-106, 1945,
665 23-24, 1946, 673 59-60, 1947.
Blackburn & Peterson, Ohio St. Hort.
Soc. P. 79-85-86,90-93, 1946.
Boyce, Ent. Soc. Ont. R. 77:21-34,
1947.
Boyce, Quebec Soc. Protect. Plants
R. 30 98, 1947.
Brannon, Wash. St. Hort. Assoc. P.
42:130, 1946.
Brigham, Conn. Pom. Soc. P. 55-95,
1946; 56 93, 1947.
Chandler, Ill. St. Hort. Soc. Trans.
79:132, 1946.
Cooper, Ky. R. 57:30-31, 1945, 58:48,
1946, 59 47, 1947.
Davis, Oreg. Dept. Agr. B. 148:10-11,
1945.
Ewing, Sci. Digest 17(2):66-68, 1945.
Fulton, B. C. Ent. Soc. P. 43:25-27,
1947.

MACROCENTRUS ANCYLIVORUS--Continued.

- Gardiner, Can. Min. Agr. R. f. 1945/46:79,
Garman, Conn. Pom. Soc. R. 56:28-29, 1947.
Garman & Brigham, Conn. B. 512:89-91, 1946.
Gates, Colo. Bur. Plant & Ins. Control R. f. 1945/46:17-18.
Haeussler, Cal. Dept. Agr. Sp. Pub. 209:98, 1945.
Marshall, Ind. R. 60:71, 1947.
Martin, N. J. R. 66:50, 1946.
Martin, Oreg. C. Inform. 390:4-5, 1946.
McKennon, Oreg. St. Hort. Soc. R. 37:62, 1945.
Parker, Kans. Bien. R. 13:64, 1946.
Ross, Can. Ins. Pest Rev. 25:95, 1947.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:9, f. 1945/46:17.
Satterthwait & Swain, J. Ec. Ent. 39:579, 1946.
Sherman, S. C. R. 58:61, 1946.
Shull & Manis, Idaho Ext. C. 86:6, 1945.
Smith, Cal. Citrog. 31:452-453, 1946.
Steiner, Mountaineer Grow. 16(161):7, 1946.
Steiner, Pa. St. Hort. Assoc. P. 87:37, 1946.
i Wheeler, N. Y. (G.) Farm Res. 12(3):14-15; Can. Hort. Grow. Ed. 69:203-204, 217, 1946.
Wheeler, N. Y. (G.) R. 63:24-25, 1945.
Wheeler & La Plante, N. Y. (G.) R. 65:17-18, 1947.
Va. Ext. B. 131 rev. 20, 1947.
MACROCENTRUS ANCYLIVORUS - COCOONS - SEPARATION FROM HOST PUPAE
Martin & Finney, J. Ec. Ent. 39:29-38, 1946.
MACROCENTRUS ANCYLIVORUS - DISEASES
Allen & Brunson, J. Ec. Ent. 38:393, 1945.
b McCoy, N. Y. Ent. Soc. J. 55:51-55, 1947.
Weiss, N. J. Dept. Agr. R. 30:192-193, 1945; 31:150, 1946.
MACROCENTRUS ANCYLIVORUS - INSECTICIDES - DDT
Blackburn & Peterson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77, 1946.
Blackburn & Weaver, Ohio St. Hort. Soc. P. 100:38-39, 1947.
Hutson, Mich. St. Hort. Soc. R. 75:60-61, 1946.
Peterson, Ohio J. Sci. 46:323-326, 1946.
Wheeler & La Plante, J. Ec. Ent. 39:211-215, 1946.
MACROCENTRUS ANCYLIVORUS - LIBERATION
Alden, Ga. Dept. Ent. B. 87:11, 1945.
Jardine et al., USDA OES R. f. 1944/45:54, 1946.

MACROCENTRUS ANCYLIVORUS - LIBERATION--Continued.

- Slate, Conn. R. f. 1944/45:19,25; f. 1945/46:12.
Webster & Shenefelt, Wash. B. 470:39, 1945.
Weiss, N. J. Dept. Agr. R. 31:151, 1946; 32:156-157, 1947.
MACROCENTRUS ANCYLIVORUS - OVERWINTERING
Allen, J. Ec. Ent. 38:119-120, 1945.
MACROCENTRUS ANCYLIVORUS - OVIPOSITION
Martin, J. Ec. Ent. 39:419, 1946.
MACROCENTRUS ANCYLIVORUS - REARING
Allen & Brunson, Science 105:394-395, 1947.
Anderson, Colo. Bur. Plant & Ins. Control R. f. 1945/46:18-23.
Anderson, West. Colo. Hort. Soc. Trans. f. 1946:82-83, 85-87, 89-90, 1947.
Bartlett & Martin, J. Ec. Ent. 38:120, 1945.
Finney, Blue Anchor 24(2):44-45, 1947.
Finney, Sunsweet Std. 30(9):5,10, 1947.
b Finney et al., J. Ec. Ent. 38:319-323, 1945.
bi Finney et al., Hilgardia 17:437-483, 1947.
bi Flanders, J. Ec. Ent. 38:323-327; 394-395; 495, 1945.
Martin, J. Ec. Ent. 39:516-520, 1946.
Marvin, J. Ec. Ent. 38:119, 1945.
Weiss, Ent. News 58:19-20, 1947.
Weiss, N. J. Dept. Agr. R. 30:192-193, 1945; 31:149-151, 1946; 32:157, 1947.
MACROCENTRUS ANCYLIVORUS - REARING - COSTS
bi Smith, J. Ec. Ent. 38:316-319, 1945.
MACROCENTRUS ANCYLIVORUS - REARING - SEX RATIOS
b Martin & Finney, J. Ec. Ent. 39:296-299, 1946.
MACROCENTRUS DELICATUS Cress.
Boyce, Quebec Soc. Protect. Plants R. 30:98, 1947.
Cartwright, S. C. R. 57:57-58, 1945.
Martin, Oreg. C. Inform. 390:4, 1946.
Poos & Hetrick, J. Ec. Ent. 38:315, 1945.
Sherman, S. C. R. 58:61, 1946.
MACROCENTRUS GIFFUENSIS Ashm.
Arbuthnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:31-33, 1947.
Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):1-2A.
Buchholz, N. Y. Dept. Agr. & Mkts. R. f. 1945:131, 1947.
Carruth, N. Y. (G.) Farm Res. 11(4):5-6, 1945.
Clark, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 1), 5 p., (1945, No. 3), 4 p.
Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 4), 2 p.; (1946, No. 2), 10 p.; (1946, No. 3):1-2A.
Cooper, Ky. R. 57:19, 1945; 58:30, 1946; 59:28, 1947.

- MACROCENTRUS GIFUENSIS**--Continued.
Cory, Md. Agr. Soc. R. 30:147-148, 1946.
Deay, Ind. R. 59:11, 1946. 60:68, 1947.
Deay & Vance, Ind. R. 58:50, 1945.
Drake et al., Iowa R. f. 1944/45 pt. 2. 68.
1 Drake et al., Iowa Dept. Agr. YB 45 100-107, 1945. 46:171-176, 1946; 47 121-129, 1947.
Gardiner, Can. Min. Agr. R. f. 1944/45 66. f. 1945/46:80.
Hayslip, Fla. R. f. 1944/45 205.
Jones et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 3) 2-6.
MacCreary, Del. B. 263.26, 1947.
Rice & Wolfenbarger, Del. B. 259 21, 1945.
Ritcher, Ky. B. 502 20, 1947.
Weiss, N. J. Dept. Agr. R. 31:153, 1946. 32:161, 1947.
- MACROCENTRUS GIFUENSIS - EMERGENCE**
Wishart, Can. Ent. 78 162-168, 1946.
- MACROCENTRUS GIFUENSIS - REARING**
b Wishart, Can. Ent. 78:78-82, 1946.
- MACROCENTRUS INSTABILIS** Mues.
Boyce, Quebec Soc. Protect. Plants R. 30.98, 1947.
Jaynes & Marucci, J. Ec. Ent. 40 11-12, 1947.
- MACROCENTRUS NIGRIDORSIS** Vier.
Judd, Can. Field Nat. 60:136, 1946.
- MACROCHELES CARDIATUS** Fox
ni Fox, Ent. Soc. Amer. Ann. 40:601-602, 1947.
- MACROCHELES FONSECAI** Fox
ni Fox, J. Parasit. 32:451, 1946.
- MACROCHELES LYRATUS** Fox
ni Fox, Ent. Soc. Amer. Ann. 40:601-603, 1947.
- MACROCOLEUS COAGULATUS** Uhl., see MELANOTRICHUS COAGULATUS (Uhl.)
- MACRODACTYLUS SUBSPINOSUS** (F.) (ROSE CHAFER)* (ROSE BUG)
1 Cummings, Amer. Nurserym. 84(11) 16, 1946.
Dewey, N. Y. St. Hort. Soc. P. 92 58, 61-62, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev. 44-45, 1946. 711.11-12, 43-44, 1947.
Roberts & Bourne, Mass. Ext. Leaf. 64 rev.:12, 1947.
Ross, Can. Ins. Pest Rev. 24:46-47, 1946.
Ross & Armstrong, Can. Dept. Agr. Sci. Serv. Div. Ent. Processed Pub. 26:3-5, 1945.
Sheppard, Can. Ins. Pest Rev. 24:50, 1946.
Stirrett, Can. Ins. Pest Rev. 25:11, 1947.
Thompson, Can. Ins. Pest Rev. 24:42, 1946.
Wressell, Can. Ins. Pest Rev. 24:58, 1946.
- MACRODACTYLUS SUBSPINOSUS - EFFECT ON POULTRY**
Lippincott & Card, Poult. Parasites rev.:326, 1946.
- MACRODACTYLUS SUBSPINOSUS - EFFECT ON POULTRY**--Continued.
Seiden, Poult. Handb. 290, 1947.
- MACRODACTYLUS SUBSPINOSUS - INSECTICIDES - DDT**
Bourne & Whitcomb, Mass. B. 428:34, 1945.
Conklin, N. H. Hort. Soc. J. 9:51, 1946.
Hutson, Mich. St. Hort. Soc. R. 75 124, 1946.
Smith, Va. R. f. 1946/47:53.
Smith & Underhill, Amer. Rose Ann. f. 1947:128-130.
- MACRODACTYLUS SUBSPINOSUS - SPRAYS**
1 Cox, Pa. B. 480, Sup. 3 10, 1947.
Dustan et al., Sci. Agr. 26 113, 1946.
Hartzell & Taschenberg, N. Y. (G) R. 65 17, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev.:50, 1946.
Wildon, Mich. Sp. B. 222 rev.:20, 1946.
- MACRODACTYLUS SUBSPINOSUS - SPRAYS - DDT**
Annand, USDA EPQ R. f. 1945/46:3.
Baker & Porter, USDA EPQ F-637.5-6, 1945.
Fleming, USDA EPQ E-724:12, 1947.
Fleming & Maines, J. Ec. Ent. 40:849, 1947.
1 Hartzell & Gambrell, N. Y. (G.) Farm Res. 12(4) 9, 1946.
Still, Ohio St. Hort. Soc. P. 79 82, 1946.
Trullinger et al., USDA OES R. f. 1945/46 107-108, 1947.
- MACRODACTYLUS SUBSPINOSUS - SPRAYS - DDT (WETTABLE)**
Still, Ohio St. Hort. Soc. P. 100 149-150, 1947.
- MACRODIPLAX BALTEATA** (Hagen)
Needham, Bklyn. Ent. Soc. B. 40:109-110, 1945.
- MACRONEMUM ZEBRATUM** (Hagen)
LARVAE - PROVENTRICULUS
bt Judd, Can. J. Res. Sect. D 25:87-90, 1947.
- MACRONOCTUA ONUSTA** Grote (IRIS BORER)*
Bear, Amer. Iris Soc. B. No. 97:9-10, 1945.
1 Cummings, Amer. Nurserym. 84(10). 12, 1946.
1 Lehker, Ind. Ext. B. 239 rev.:13, 1947.
Parks & King, Ohio Ext. B. 76 rev.:27, 1947.
Smith et al., Kans. Ent. Soc. J. 20:54, 58, 1947.
- MACRONOCTUA ONUSTA - INSECTICIDES - DDT**
Lowry & Fraim, Amer. Iris Soc. B. 105.64-66, 1947.
Williams, in Amer. Iris Soc., The Iris:125-127, 1947.
- MACROPELOPIA ROBLESII** Vargas
bnl Vargas, Rev. Inst. Salub y Enferm. Trop. Mex. 7 79-86, 1946.

- MACROPSIS** Lewis - DISTRIBUTION - UNITED STATES
b Turner, J. Ec. Ent. 39:394-395, 1946
- MACROPSIS TRIMACULATA** (Fitch) (PLUM LEAFHOPPER)* & PEACH YELLOWS
Sherwood, W. V. Ext. C. 320 rev. 61-63, 1946.
- MACROPSIS TRIMACULATA & VIRUS DISEASE OF PEACH**
Cation, Amer. Fruit Grow. 67(2):9, 1946.
- MACROSIPHONIELLA SANBORNII** (Gill.) (CHRYSANTHEMUM APHID)* (BLACK CHRYSANTHEMUM APHID)
Burr, Neb. R. 59.64, 1946
Cumming, Hardy Chrysanthemums rev. 123, 1945.
Flock, Ariz. St. Ent. R. f. 1944:19, 1945.
Hamilton, Natl. Chrysanthemum Soc. B. 3(2) 5, 1947
Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[23], 1946.
b Siegler & Hall, J. Ec. Ent. 40:722-724, 1947.
Smith et al., Kans. Ent. Soc. J. 19:45, 1946.
Smith et al., Agr. Chem. 2(12):61, 1947.
Smith et al., Chrysanthemum Soc. Amer. B. 15(2) 5-6,9-11, 1947.
Zimmerman & Hartzell, Boyce Thompson Inst. Contrib. 15:18-19, 1947.
- MACROSIPHUM** Pass. - OVERWINTERING
Jardine et al., USDA OES R. f. 1944/45.55, 1946
- MACROSIPHUM AARONI** Knowlt. n Knowlton, Ent. News 58:47-48, 1947.
- MACROSIPHUM AMBROSIAE** (Thos.) (HELIANTHUS APHID)
Hoffmann, J. Ec. Ent. 38:358, 1945.
Mayer & Gahan, USDA EPQ E-646:4, 12, 1945.
b Mayer et al., USDA EPQ E-725:3-10, 1947.
Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[23], 1946.
b Siegler & Hall, J. Ec. Ent. 40:722-724, 1947.
- MACROSIPHUM AMBROSIAE & MOSAIC OF BEANS**
Jensen, Hawaiian Ent. Soc. P. 12:582, 1946.
- MACROSIPHUM CARAGANAE** Cholodk. (CARAGANA APHID)
Arnason et al., Can. Ins. Pest Rev. 24:89, 1946.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:54, 1945; f. 1945:57, 1946.
Peterson, Can. Ins. Pest Rev. 24:107, 1946.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:70, 1947.
- MACROSIPHUM CARAGANAE**--Continued.
Peterson et al., Can. Ins. Pest Rev. 25:104-105, 1947.
- MACROSIPHUM EOESSIGI** Knowlt. n Knowlton, Pan-Pac. Ent. 23:137-140, 1947.
- MACROSIPHUM ERIGERONENSIS** (Thos.) Hoffmann, J. Ec. Ent. 38:358, 1945.
- MACROSIPHUM ESCALANTIS** (Knowlt.) - PREDATORS
Knowlton, Bklyn. Ent. Soc. B. 42:79, 1947.
- MACROSIPHUM GEI** (Koch), see MACROSIPHUM SOLANIFOLII (Ashm.)
- MACROSIPHUM GENTNERI** Mason n Mason, Ent. Soc. Wash. P. 49 252-254, 1947.
- MACROSIPHUM GRANARIUM** (Kby.) (ENGLISH GRAIN APHID)*
Arnason, Can. Ins. Pest Rev. 25:22, 1947.
Arnason et al., Can. Ins. Pest Rev. 24.86, 1946
Davis, Hawaiian Ent. Soc. P. 13 14, 1947.
- MACROSIPHUM LUTEUM** (Buck.) Swezey, Hawaiian Ent. Soc. P. 12.373, 1945.
- MACROSIPHUM MENTHAE** Buck., see PHORODON MENTHAE (Buck.)
- MACROSIPHUM ONOBRYCHIS** (Fonsc.), see MACROSIPHUM PISI (Kalt.)
- MACROSIPHUM PISI** (Kltb.) (PEA APHID)*
Annand, USDA EPQ R. f. 1943/44 10, f. 1944/45.5, f. 1945/46:17-18, f. 1946/47:4-6.
Bissell & Dupree, Ga. B. 254:16, 1947.
Burgess, Ariz. R. 56:48, 1946, 57.46, 1947.
Dean et al., Kans. Ent. Soc. J. 18:91, 1945.
bi Essig, Hilgardia 17 597-600, 1947.
Lincoln & Miner, Ark. Ext. C. 437:18-19, 1945.
Miller et al., Tex. Ext. B. 155:12-13, 1947.
Pepper, Pa. Veg. Grow. News 15(3) 50; (5):94, 1945.
Smith, Kans. Bien. R. 13:65, 1946.
Smith et al., Kans. Ent. Soc. J. 19:44, 1946, 20:48,58, 1947.
Stearns, Del. B. 263:28, 1947.
White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:10, 1945.
White & Dudley, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:9-10, 1946.
- MACROSIPHUM PISI - AEROSOLS**
Anderson, USDA R. Sec. f. 1946.144.
i Ditman et al., J. Ec. Ent. 40:190-191, 1947.
i Smith et al., Pa. Veg. Grow. News 15(5):97-99, 1945.
- MACROSIPHUM PISI - AEROSOLS - DDT**
b Ditman et al., J. Ec. Ent. 38:183-188, 1945; 39:199-204, 1946.
b Goodhue et al., J. Ec. Ent. 38:181, 1945.

- MACROSIPHUM PISI - ALFALFA**
Grandfield & Throckmorton, Kans. B. 328:58-59, 1945
Pepper, N. J. B. 718:37-38, 1945.
- MACROSIPHUM PISI - CANADA**
Arnason et al., Can. Ins Pest Rev. 24:89, 1946.
Gardiner, Can. Min. Agr R. f. 1946/47:80
Glendenning, Can. Ins Pest Rev. 24 117, 1946.
Glendenning et al., Can. Ins Pest Rev. 25:35-36, 1947.
Maltais, Can. Ins. Pest Rev. 24 34, 1946.
Manson, Can. Ins Pest Rev. 25 19, 1947.
Manson et al., Can. Ins Pest Rev. 24 95, 1946
- MACROSIPHUM PISI - DUSTS**
i Baver, N. C. R. 68:62-63, 1945
Dudley et al., USDA EPQ E-651, 10 p, 1945.
Firebaugh, Pa. Veg. Grow News 15(5) 95, 1945.
Fisher, Airplane Dusting of Canning Peas, Wis. Ext. Sp. C, 7 p., Nov. 1945.
Huckett, N. Y. (G) R. 64 36, 1946.
Isely & Miner, J. Ec. Ent. 39 94, 1946.
Lange, Cal. C. 365 55-56, 1946.
Marcovitch & Stanley, Tenn. R. 58 116-117, 1946.
Smith & Lange, Cal. C. 365.54, 1946.
i Stokely, Food in Canada 5(12):26-28, 1945.
Sun, J Ec Ent. 38:125, 1945
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1 11-12, 32-37, 49-52, 59-65, 69, 71-74, 76-78, 81-82, 1946
Sun & Hansberry, J. Ec. Ent. 40 527-529, 1947.
Wilson, Food Packer 26(6) 55-57, 1945.
Wilson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 72-74, 1946.
- MACROSIPHUM PISI - DUSTS - DDT**
Clark & Hoveland, Wis. B. 466 2-3, 1945.
Dudley et al., Wis. B. 469:35, 1946.
White, USDA EPQ E-642:5, 1945.
Wilson, Wis. B. 469:34-36, 1946.
Wilson et al., J. Ec. Ent. 39:808-809, 1946.
- MACROSIPHUM PISI - DUSTS - DDT & SULFUR**
Hawkins, Maine B. 442:221-222, 1946, 449:389-390, 400, 1947.
- MACROSIPHUM PISI - EFFECT OF DUST DILUENTS**
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:64-65, 1946.
- MACROSIPHUM PISI - INSECTICIDES**
bi Anderson & Brooks, J. Ec. Ent. 40: 199-205, 1947.
Bronson & Hall, Agr. Chem. 1(7):21, 1946.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:33-34, 1947.
i Ditman, Food Packer 27(7):69-70, 72, 1946.
- MACROSIPHUM PISI - INSECTICIDES--**
Continued.
Wilson et al., J. Ec. Ent. 40:101-103, 1947.
- MACROSIPHUM PISI - INSECTICIDES - DDT**
Ditman, J. Ec. Ent. 39 219-222, 1946.
Gardiner, Can. Min. Agr R. f. 1945/46 66.
i Glasgow, J Ec Ent 39 195-199, 1946
Trullinger et al., USDA OES R f 1945/46 106, 1947
White, USDA EPQ E-692 6-7, 1946
- MACROSIPHUM PISI - INSECTICIDES - TIMING**
Huckett, N Y (G) B 713 19-22, 29, 1945
- MACROSIPHUM PISI - MORTALITY - CALCULATION**
Sun & Shepard, J. Ec. Ent. 40 710-715, 1947
- MACROSIPHUM PISI - PREDATORS**
Knowlton, Bklyn. Ent. Soc. B 42:79: 142, 1947
- MACROSIPHUM PISI - RACES, BIO-LOGICAL**
bi Harrington, J. Ec Ent. 38 12-22, 1945.
- MACROSIPHUM PISI - RESISTANT ALFALFA**
Annand, USDA EPQ R. f. 1943/44 9, f. 1945/46 25, f. 1946/47 27.
Emery, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 83-85, 1946.
bi Emery, J. Agr. Res. 73 33-43, 1946.
- MACROSIPHUM PISI - RESISTANT PEAS**
Gardiner, Can. Min. Agr R. f. 1945 46 65, 67.
Maltais, Assoc. Can.-Franç Avanc. Sci Ann. 11 107, 1945 (Abs.)
- MACROSIPHUM PISI - SPRAYS**
Bottger & Bowen, USDA EPQ E-710, 5 p., 1946.
Campbell, R. I. R 57:19, 1945.
Kearns et al., J. Ec. Ent. 38 662, 1945.
Kemp, Md R 58 18, 1945 59 17-20, 1946
Lange et al., in Cal Agr Expt. Sta., Invest. with DDT in Cal. 1944-19-21, 1945
Parker, Kans Bien R 13 66, 1946
Potts et al., J Ec Ent 38 497, 1945.
- MACROSIPHUM PISI & MOSAIC OF PEAS**
bi Huckett, N. Y (G.) B. 713, 30 p., 1945.
Huckett, N. Y. (G.) R. 64 35-36, 1946.
- MACROSIPHUM PISI & PLANT INJURY**
Harrington, J. Ec. Ent. 38:14-16, 1945.
- MACROSIPHUM PISI & VIRUS DISEASES OF PLANTS**
Jensen, Hawaiian Ent. Soc. P. 12:583, 584, 599-600, 1946.
- MACROSIPHUM PISI & WEATHER**
Huckett, N. Y. (G.) B. 713:3-5, 14-18, 27, 1945.

MACROSIPHUM ROSAE (L.) (ROSE APHID)*

Hensill, Agr. Chem. 2(11):23, 1947.
Smith et al., Agr. Chem. 2(12):61, 1947.

MACROSIPHUM ROSAE & VIRUS DISEASE OF PLANTS

Jensen, Hawaiian Ent. Soc. P. 12:552, 554, 1946.

MACROSIPHUM RUDBECKIAE (Fitch) (GOLDENGLOW APHID)*

Hoffmann, J. Ec. Ent. 38:358, 1945.

MACROSIPHUM RUDBECKIAE & MOSAIC OF SUGAR CANE

Jensen, Hawaiian Ent. Soc. P. 12:564, 1946.

MACROSIPHUM SANBORNII (Gill.), see MACROSIPHONIELLA SANBORNII (Gill.)

MACROSIPHUM SOLANIFOLII (Ashm.) (POTATO APHID)* (PINK & GREEN POTATO APHID)

Brooks & Anderson, J. Ec. Ent. 40: 223-224, 228, 1947.

Frost, N. Y. Ent. Soc. J. 53:223-224, 1945.

Holdaway et al., Hawaii R. f. 1942/44: 62, 1945.

McDaniel, Gladiolus 22:44, 1947.

Maltais, Can. Ins. Pest Rev. 24:35, 1946.

Parks, Ohio Veg. & Potato Grow. Assoc. P. 31:113-117, 1946.

i Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:19-21.

Rice et al., Del. B. 259 23, 1945.

Simpson & Shands, Maine B. 438:519-520, 582, 1945.

i Westcott, Home Gard. (N. Y.) 5(5): 68-69, 1945.

Wylie & Wilson, Fla. R. f. 1945/46: 189.

MACROSIPHUM SOLANIFOLII - AEROSOLS

b Goodhue et al., J. Ec. Ent. 38:181, 1945.

Smith et al., J. Ec. Ent. 38:193-194, 1945.

Smith et al., Chrysanthemum Soc. Amer. B. 15(2):5-6, 9-11, 1947.

MACROSIPHUM SOLANIFOLII - CANADA

Cannon, Can. Ins. Pest Rev. 24:9, 1947.

Gorham, Ent. Soc. Ont. R. 75:17-19, 1945.

Gorham, Can. Ins. Pest Rev. 24:21, 1946.

Gardiner, Can. Min. Agr. R. f. 1945/46:42, 64.

Maltais, Quebec Soc. Protect. Plants R. 29:111-113, 1945?

Neary, N. S. Dept. Agr. & Mktg. R. f. 1944/45:102, 1946; f. 1945/46:91, 1947.

Stirrett et al., Can. Ins. Pest Rev. 25: 38, 1947.

MACROSIPHUM SOLANIFOLII - DUSTS

Buchanan, Wash. B. 482:63-64, 1946.

Fulton, N. C. TB 85:17, 1947.

Stitt, Amer. Potato J. 24:119-120, 122, 1947.

MACROSIPHUM SOLANIFOLII - DUSTS-- Continued.

Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:15,37-38,60,69,71,74,76, 1946.

MACROSIPHUM SOLANIFOLII - DUSTS - DDT

Bruce & Tauber, J. Ec. Ent. 38:440, 1945.

Drake & Tauber, Iowa R. f. 1944/45 pt 1 248

Landis & Getzendaner, USDA EPQ E-689, 2 p., 1946.

Trullinger et al., USDA OES R. f. 1945/46:105,112, 1947.

MACROSIPHUM SOLANIFOLII - FOOD & HOST PLANTS

Simpson & Shands, Maine B. 442:128-133, 1946.

Simpson et al., Maine Ext. B. 333:7-8, 1945.

Shands et al., Maine B. 449:287-290, 1947.

MACROSIPHUM SOLANIFOLII - IDENTIFICATION, FIELD

i Dionne, Can. Ent. 79:191-193, 1947.

MACROSIPHUM SOLANIFOLII - INSECTICIDES

Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.13-14, 1945.

Bonde & Snyder, Maine B. 449:264, 267-274, 344, 347, 351-355, 1947.

Bronson et al., Maine B. 442:134-138, 183-185, 1946.

Clark & Hoveland, Wis. B. 472:9-10, 14, 1947.

Jardine et al., USDA OES R. f. 1944: 49, 1945.

Kelsheimer, Fla. R. f. 1946/47:127.

Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:8, 1945.

McDaniel, Flor. Rev. 98(2534):33, 1946.

Muncie & Morofsky, Mich. TB 204:3-6, 18-23, 1947.

Sleesman & Wilson, Veg. Grow. Assoc. Amer. R. 37:186-187, 192, 1945.

Wylie & Watson, Fla. R. f. 1945/46: 171.

MACROSIPHUM SOLANIFOLII - INSECTICIDES - DDT

Annand, USDA EPQ R. f. 1945/46:4-5.

Bronson & Smith, J. Ec. Ent. 39:189-194, 1946.

Daniels, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:53-54, 1947.

Hawkins et al., Maine B. 449:294-298, 1947.

Hovey, East. States Coop. 22(2):11, 1946.

Rawlins, Amer. Potato J. 23:142-143, 1946.

Shands et al., Maine B. 449:284-287, 364-366, 1947.

Simpson et al., Maine Ext. C. 221:8 p., 1946.

Simpson et al., Maine Ext. B. 361:3,4, 6, 1947.

White, USDA EPQ E-692:5, 1946.

MACROSIPHUM SOLANIFOLII - INSECTICIDES - DDT MIXTURES

Gyrisko et al., J. Ec. Ent. 39:205-208, 1946.

MACROSIPHUM SOLANIFOLII - OUT-BREAKS

Parks, Veg. Grow Assoc Amer R 37 112-117, 1945

MACROSIPHUM SOLANIFOLII - SPRAYS

Bonde & Snyder, Amer Potato J 23 420-424, 1946

Bourne, Mass B. 428 37, 1945, 441 36, 1947.

Howard & Rich, R I Misc Pub. 29 6, 1946

Krone et al, Mich Ext B 4 rev 82, 1945

Sleesman, Veg. Grow Assoc Amer Inc R 39 118,123, 1947

Sleesman & Wilson, Ohio Veg & Potato Grow Assoc P 32 127,123, 1947

MACROSIPHUM SOLANIFOLII - SPRAYS - DDT

Turner, Conn. Veg. Grow. Assoc. P. 35 57, 1947.

Zappe et al, Conn B. 501 45, 1946.

MACROSIPHUM SOLANIFOLII - WING PRODUCTION

b White, Amer. Nat. 80,p. 245-270, 1946.

MACROSIPHUM SOLANIFOLII & BIG-VEIN OF LETTUCE

Pryor, Phytopathology 36 264-265,271, 1946.

MACROSIPHUM SOLANIFOLII & MOSAIC OF CELERY

Freitag & Severin, Hilgardia 16 361, 366, 1945

MACROSIPHUM SOLANIFOLII & MOSAIC OF GLADIOLUS

i Brierly & Smith, Gladiolus Mag 11(1) 16-18, 1947.

MACROSIPHUM SOLANIFOLII & POTATO LEAFROLL

Livingston, Business Farm. 20(13) 1, 8, 1945.

MACROSIPHUM SOLANIFOLII & VIRUS DISEASE OF PLANTS

Jensen, Hawaiian Ent. Soc. P. 12 540, 550,552,554,569,571-572,577,580-584,589-591,597-600.

MACROSIPHUM SOLANIFOLII & VIRUS DISEASE OF POTATO

Steinbauer & Steinmetz, Maine Misc. Pub. 602.2-3,21, 1945.

MACROSIPHUM SOLANIFOLII & WEIGHT OF TOMATOES

i West, J. Ec. Ent. 39.338-343, 1946.

MACROSIPHUM SONCHI (L.)

Plank, P. R. (Mayaguez) R. f. 1944.16, 1945.

MACROSIPHUM ZEROZALPHUM Knowlt. PREDATORS

Knowlton, Bklyn. Ent. Soc. B. 42-79, 1947.

MACROSIPHUM ZYMOZIONENSIS Knowlt. n Knowlton, Bklyn. Ent. Soc. B. 41

158-161, 1946.

MACROSTELES DIVISUS (Uhl.) (SIX-SPOTTED LEAFHOPPER)*

Arnason et al., Can. Ins. Pest Rev. 24. 88-89, 1946.

Bird & Mitchener, Can. Ins. Pest Rev. 25:10, 1947.

Manson et al., Can. Ins. Pest Rev. 24: 97, 1946; 25:11-12, 1947.

MACROSTELES DIVISUS--Continued.

Neary, N. S. Dept. Agr. R. f. 1943/44 101, 1945, f. 1944/45.103,1945, f. 1945/46.91, 1947.

MACROSTELES DIVISUS - AEROSOLS - DDT

Annand, USDA EPQ R. f. 1945/46 18, 1947.

b Goodhue et al., J. Ec. Ent. 38 181, 1945.

Smith et al., J. Ec. Ent. 38 182, 1945.

White, USDA EPQ E-692 11, 1946.

MACROSTELES DIVISUS - CONTROL - PLANT HORMONES

Fisher et al., Wis. B. 469 32, 1946.

MACROSTELES DIVISUS - INSECTICIDES

Clark & Hoveland, Wis. B. 472 14,18-19, 1947.

Hill, Neb. Res. B. 138 3-6,9-11,13, 1945.

Morofsky & Muncie, Amer. Potato J. 24 162-166, 1947.

Roark, USDA EPQ E-721.8, 1947.

Trullinger et al., USDA OES R. f. 1945/46:105-106, 1947.

MACROSTELES DIVISUS - INSECTICIDES - DDT

Bowser, Mich Quart. B 28 197-200, 1946

i Granovsky, Minn Farm & Home Sci. 2(2) 8-9, 1945.

Kuntz & Chapman, Wis B. 469.27-28, 1946.

MACROSTELES DIVISUS - LONGEVITY - EFFECT OF CALIFORNIA ASTER-YELLOWS VIRUS

Severin, Hilgardia 17 541-543, 1947.

MACROSTELES DIVISUS & CALICO VIRUS OF PANSIES

Severin, Hilgardia 17.586, 1947.

MACROSTELES DIVISUS & CALIFORNIA ASTER YELLOWS

bi Frazier & Severin, Hilgardia 16 623-644, 1945.

Severin, Hilgardia 17:516-517, 1947.

Severin & Frazier, Hilgardia 16 575-577,585, 1945.

bi Severin & Freitag, Hilgardia 16 599-609, 1945.

MACROSTELES DIVISUS & CALIFORNIA ASTER YELLOWS OF FLAX

i Severin & Houston, Phytopathology 35:605-606, 1945.

MACROSTELES DIVISUS & CRANBERRY FALSE BLOSSOM

Kunkel, Phytopathology 35:815,820, 1945.

MACROSTELES DIVISUS & NET NECROSIS OF POTATO

List, J. Ec. Ent. 40.107-112, 1947.

MACROSTELES DIVISUS & PURPLE-TOP WILT OF POTATO

Clark & Hoveland, Wis. B. 472:7-8, 1947.

bi Leach & Bishop, W. Va. B. 326 3, 13-35, 1946.

MACROSTELES DIVISUS & VIRUS DISEASE OF PLANTS

Jensen, Hawaiian Ent. Soc. P. 12:543, 1946.

- MACROSTELLES DIVISUS & VIRUS DISEASE OF POTATO**
 Bonde & Schultz, Phytopathology 37:3, 1947. (Abs.)
 Bonde et al., Phytopathology 37:3, 1947. (Abs.)
- MACROSTELLES DIVISUS & YELLOW DISEASE OF ASTER**
 Clark & Hoveland, Wis. B. 472:18-19, 1947.
 Manson & Arnason, Can. Ins. Pest Rev. 25:11, 1947.
- MACROSTELLES DIVISUS & YELLOW DISEASE OF CARROT**
 Chapman & Allen, Wis. Hort. 37:231, 1947.
 bi Hervey & Schroeder, J. Ec. Ent. 40: 505-508, 1947.
 Kunkel, J. Bact. 50 238, 1945. (Abs.)
 Kuntz & Chapman, Wis. B. 469:27-28, 1946.
 Manson et al., Can. Ins. Pest Rev. 25 11-12, 1947.
 Pound & Chapman, Phytopathology 37 18, 1947. (Abs.)
- MACROSTELLES DIVISUS & YELLOW DISEASE OF LETTUCE**
 Annand, USDA EPQ R. f. 1945/46 16.
 Bowser, Mich. Quart. B. 28 197-200, 1946.
 Watkins, N. Y. (C.) R. 58.115-116, 1946; 59:117-118, 1947.
 Watkins & Ashdown, N. Y. (C.) R. 57. 126, 1945.
- MACROSTELLES DIVISUS & YELLOW DISEASE OF POTATO**
 Jensen & Tate, Phytopathology 37:69-71, 1947.
- MADEIRA COCKROACH, see LEUCOPHAEA MADERAE (F.)**
- MADREMYIA SAUNDERSII (Will.)**
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:13, 1947.
- MAGDALIS Germ.**
 Wallace, Conn. B. 488.359,370, 1945.
- MAGDALIS & DUTCH ELM DISEASE**
 Pomerleau, Quebec Min. Terres & For. R. Gén. Trav. Effectués sur la Mal. Hollandaise de l'Orme dans Prov. Quebec 1945:13.
 Zappe, Conn. B. 488:323, 1945.
- MAGDALIS ARMICOLLIS (Say) (RED ELM BARK WEEVIL)***
 Peterson, Can. Ins. Pest Rev. 25:64, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:68, 1947.
- MAGDALIS ARMICOLLIS & DUTCH ELM DISEASE**
 Daviault, Quebec Min. Lands & For. R. f. 1944/45:115, 1946.
- MAGDALIS BARBITA (Say) (BLACK ELM BARK WEEVIL)* & DUTCH ELM DISEASE**
 Daviault, Quebec Min. Lands & For. R. f. 1944/45:115, 1946.
- MAGDALIS GENTILIS Lec. - GENITALIA - MALE**
 i Bruhn, Great Basin Nat. 8:14, 1947.
- MAGDALIS LECONTEI TENEBROSA Fall. - GENITALIA - MALE**
 i Bruhn, Great Basin Nat. 8:15, 1947.
- MAGICICADA SEPTEDECIM (L.) (PERIODICAL CICADA)* (SEVEN-TEEN-YEAR LOCUST)**
 Bentley, Tenn. Dept. Agr. Bien. R. f. 1944/46 132-133.
 Bentley, Tenn. Hort., July 1945 3.
 i Champlain, Pa. Game News 16(1).10-11, 19, 1945.
 Dewey, N. Y. St. Hort. Soc. P. 91 82-83, 1946.
 Phillips, Gard. Gossip 20(6) 13, 1945.
 Pirone, Home Gard. (N. Y.) 5(5).47-48, 1945.
 Schott, N. Y. Ent. Soc. J. 54 167-169, 1946.
 i Seifert, Ill. Dept. Agr. R. 29:213-214, 1946.
 Thone, Sci. News Let. 49:350, 1946.
 USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944 13, 1945, 16-18, 1946.
- MAGICICADA SEPTEDECIM - BROOD III**
 i Hardy, Iowa Acad. Sci. P. 54:311-315, 1947.
- MAGICICADA SEPTEDECIM - CONNECTICUT**
 Friend, Conn. Pom. Soc. P. 55 166, 1946.
 i Garman, Conn. Pom. Soc. P. 55 170, 1946.
 Slate, Conn. R. f. 1944/45 23.
- MAGICICADA SEPTEDECIM - GEORGIA**
 McDaniel, Tenn. Hort., Dec. 1945.1.
- MAGICICADA SEPTEDECIM - INSECTICIDES**
 Chandler, Ill. St. Hort. Soc. Trans. 80 130-132, 1947.
 Zappe et al., Conn. B. 501 39,41, 1946.
- MAGICICADA SEPTEDECIM - SONIFICATION**
 Allard, Ent. Soc. Wash. P. 48:93-95, 1946.
- MAGICICADA SEPTEDECIM - STATEN ISLAND**
 Cleaves, Staten Isl. Inst. Arts & Sci. P. 10:73-78, 1946.
 Koestner, Staten Isl. Inst. Arts & Sci. P. 10:81-84, 1946.
- *MAIZE BILLBUG, see CALENDRA MAIDIS (Chitt.)**
- MALACHIIDAE**
 bnk Marshall, Can. Ent. 78:183-195, 1946.
- MALACOSOMA Hbn.**
 Downes et al., Can. Ins. Pest Rev. 25: 47,83-84, 1947.
 Kennedy, Ont. Royal Comn. For. R. f. 1947:117.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:64-65, 1945; f. 1945:63, 1946.
 Mathers, Can. Ins. Pest Rev. 24:121, 1946.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:56, 1945.

MALACOSOMA--Continued.

- Peterson, Can. Ins. Pest Rev. 24 112, 1946.
 Ward, B. C. Dept. Agr. R. 41:W109, 1947.
MALACOSOMA - SPRAYS
 Downes, Victoria Nat. 2 140-141, 1946.
 Leaver, R. I. Dept. Agr. & Conserv. R. 11-32, 1946
 Smith, Cal. Ext. C 98 rev 48, 1946.
MALACOSOMA & LIGHT (FURNACE)
 Sauerbrei, Sylva 3(5):50, 1947.
MALACOSOMA & TEMPERATURE
 Fan & Hodson, Sci. News Let. 49 319, 1946.
MALACOSOMA sp.
 Lauderdale, Ariz. St. Ent. R. f 1945/46 20.
 Parker, Ariz. St. Ent. R. f 1946/47 27.
MALACOSOMA AMERICANUM (F)
(EASTERN TENT CATERPILLAR)*
(ORCHARD TENT CATERPILLAR)
 1 Baerg & Lincoln, Ark. Ext. C 448 6-7, 1947.
 1 Boyd, N. J. Dept. Agr. C 355 43-45, 1945
 Dewey, N. Y. St. Hort. Soc. P 92 58, 1947
 Knutson, R. I. Dept. Agr. & Conserv. R 12 37, 1947
 1 Lathrop, Maine Ext. B 274 rev. 12-14, 18, 1945.
 Mills & Dewey, N. Y. (C) Ext. B. 711 8, 31-32, 1947
 1 Plumb, Flower Grow. 33 254, 280, 1946
 Smith et al., Kans. Ent. Soc. J 20 56, 58, 1947.
 Stearns, Del. B 263 27, 1947
 1 Wadley, USDA Leaf. 161 rev., 5 p., 1947.
 1 Westcott, Home Gard. 5(3) 47-48, 53, 1945.
MALACOSOMA AMERICANUM CAN-ADA
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. f. 1944-34, 1945.
 Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f 1946. 46, 1947.
 Bradley et al., Can. Ins. Pest Rev. 25-47, 1947.
 1 Brownell, Can. Nature 7-46-47, 1945.
 Gauthier, Can. Ins. Pest Rev. 24-32, 1946.
 Hawboldt, N. S. Dept. Lands & For. R. f. 1945/46:39, 1947.
 Maxwell, Can. Ins. Pest Rev. 24:23, 1946, 25:84, 1947.
 Neary, N. S. Fruit Grow. Assoc. R. 82: 35, 1945.
 Patterson & Neary, Can. Ins. Pest Rev. 24-15, 1946.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:69, 1947.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:10, 1945.
 Ross, Can. Ins. Pest Rev. 24:47, 1946.

MALACOSOMA AMERICANUM - CAN-ADA--Continued.

- Thompson, Can. Ins. Pest Rev. 24 41, 1946.
 Watson, Can. Ins. Pest Rev. 24:66, 1946.
 Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 30, 1946
 Watson & Razienne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 37, 1947
 Wressell, Can. Ins. Pest Rev. 24:59, 1946.
MALACOSOMA AMERICANUM - CON-TROL, MECHANICAL
 Sweetman, Can. Ent. 77:202-203, 1945.
MALACOSOMA AMERICANUM - IN-SECTICIDES
 Haring, J. Ec. Ent. 39:79, 1946
 Johansson et al., Can. Ent. 79:166-167, 1947.
 Lathrop et al., Maine Ext. B. 353-7, 1947
 Srivastava & Wilson, J. Ec. Ent. 40: 569-571, 1947.
 Whitcomb, Mass. Fruit Grow. Assoc. R. 51 23, 194.
MALACOSOMA AMERICANUM - IN-SECTICIDES - DDT
 Craighead & Brown, USDA EPQ E-649 6, 1945.
 Manter, J. Ec. Ent. 38 615, 1945
MALACOSOMA AMERICANUM - PHO-TOGRAPHY
 1 Brownell, Amer. Photog. 39(8):42, 1945
MALACOSOMA DISSTRIA Hbn. (FOREST TENT CATERPILLAR)*
 Beckwith, N. J. Dept. Agr. C. 356 46-47, 1945.
 Beckwith, USDA FB 1951 rev. 35, 1946.
 1 Boyd, N. J. Dept. Agr. C. 355-45-46. 1945.
 Bradley, Can. Dept. Agr. Div. Ent. Ins. Surv. R. f. 1945:37, 1946.
 Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 24, 1947.
 Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 23, 1946.
 Lathrop, Maine Ext. B. 274 rev., 14, 18, 1945, 353-7, 1947
 Wadley, USDA Leaf. 161 rev. 3, 1947
 Wernham, Wis.-Upper Mich. For. News Let. 3(2):13-14, 1946.
MALACOSOMA DISSTRIA - CANADA
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:30, 1945.
 Balch & Reeks, N. B. Dept. Lands & Mines R. 108.110, 1945: 109 125, 1946; 110:65, 1947.
 Bird & Mitchener, Can. Ins. Pest Rev. 24-71, 1946.
 Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 17, 1945.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 81, 1947.
 Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:46, 1946.
 Lejeune, Can. Ins. Pest Rev. 24:77, 1946.

MALACOSOMA DISSTRIA - CANADA--
Continued.

- McGuffin & Barker, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 57, 1947
- Manson et al., Can. Ins. Pest Rev. 24: 100, 1946.
- Peterson, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944: 54-55, 1945; f. 1945: 55, 1946.
- Peterson, Can. Ins. Pest Rev. 24: 111-112, 1946.
- Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 69, 1947.
- Reeks, Can. Ins. Pest Rev. 24: 29, 1946.
- Reeks et al., Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944: 8, 1945; f. 1945: 9-10, 1946; f. 1946: 9, 1947.
- Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944: 44-45, 1945
- Richmond et al., Can. Ins. Pest Rev. 25: 48, 1947
- Thompson, Can. Ins. Pest Rev. 24: 42, 1946
- Watson, Can. Ins. Pest Rev. 24: 65, 1946
- Watson & McKay, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1945: 30, 1946
- Watson & Razienne, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 37, 1947.
- MALACOSOMA DISSTRIA - CANADA (NOVA SCOTIA)**
- Harrison, N. S. Dept. Lands & For. R. f. 1944: 41, 43, 1945, f. 1945: 37, 1946
- Hawboldt, N. S. Dept. Lands & For. R. f. 1945: 46-37, 1947
- Neary, N. S. Dept. Agr. & Mktg. R. f. 1945: 46, 92-93, 1947
- Neary, N. S. Fruit Grow. Assoc. R. 83: 23, 1946: 84, 114, 1947
- MALACOSOMA DISSTRIA - DIAPAUSE**
- bi Hodson & Weinman, Minn. TB 170: 3-14, 29, 1945
- MALACOSOMA DISSTRIA - EGGS - HATCHING**
- bi Hodson & Weinman, Minn. TB 170: 14-30, 1945
- MALACOSOMA DISSTRIA - PARASITES**
- Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit. Control For. Ins. Prov. Ont. by Intro. Ins. Parasites: 66-67, 1947.
- Hodson & Weinman, Minn. TB 170: 24-25, 28, 1945.
- MALACOSOMA DISSTRIA EROSA** Stretch Hardy, Victoria Nat. 3: 75-76, 1946.
- MALACOSOMA LUTESCENS** Neumogen & Dyar
- Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 69, 1947.
- MALACOSOMA PLUVIALE (Dyar)**
(WESTERN TENT CATERPILLAR)*
- Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944: 34, 1945.

MALACOSOMA PLUVIALE--Con-
tinued.

- Bradley, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1945: 38, 1946.
- Bradley, Can. Ins. Pest Rev. 24: 63, 1946
- Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 46, 1947.
- Daviault, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 24, 1947.
- Daviault & Lambert, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1945: 23, 1946
- Downes, Can. Ins. Pest Rev. 24: 126-127, 1946; 25: 83, 1947.
- Freeman, Northw. Gard. & Homes 15(4) 28, 1947
- Glendenning et al., Can. Ins. Pest Rev. 25: 49, 1947.
- Hardy, Victoria Nat. 3: 75-76, 1946.
- Lambert, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944: 19, 1945
- Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946: 69, 1947
- MALAREUS TELCHINUM (Rothsch.) & PLAGUE**
- Wayson, U. S. Pub. Health Rpts. 62: 786, 1947
- MALARIA, see under genera AEDES; ANOPHELES; CULEX, SIMULIIDAE, and MOSQUITOES & DISEASE**
- MALARIA, AVIAN, see under genera AEDES; ANOPHELES, CULEX; CULISETA, LYNCHIA, MANSONIA, MICROLYNCHIA; PSEUDOLYNCHIA; TRIATOMA, and MOSQUITOES & ANIMAL DISEASE - MALARIA, AVIAN**
- MALARIA, BAT, see MOSQUITOES & ANIMAL DISEASE - MALARIA, BAT**
- MALARIOLOGISTS - TRAINING**
- Boyd et al., Natl. Malar. Soc. J. 5: 245-247, 1946.
- b Goodwin et al., Natl. Malar. Soc. J. 5: 205-207, 1946
- MALLOPHAGA**
- Herman, Cal. Fish & Game 31(1): 23-24, 1945.
- MALLOPHORA ORCINA (Wied.)**
- Alex, Bklyn. Ent. Soc. B. 42: 107-172, 1947.
- Fattig, Emory Univ. Mus. B. No. 4: 5, 1946.
- MAMESTRA CONFIGURATA** Wlkr (BERTHA ARMYWORM)*
- Arnason et al., Can. Ins. Pest Rev. 24: 83, 1946.
- Manson & Arnason, Can. Ins. Pest Rev. 25: 4-5, 1947.
- Manson et al., Can. Ins. Pest Rev. 24: 93, 1946.
- MANCASELLUS BRACHYURUS** Harger (WATERCRESS SOWBUG)*
- Shear, Va. R. f. 1946: 47: 40.
- MANGE**
- bi Coffin, Man. Vet. Clin. Path. rev.: 57-60, 1945.

MANGE--Continued

1 Olson, Pest Control & Sanit 1(4) 25, 27, 1946.

MANGE - PREPARATIONS, see SCABIES - PREPARATIONS

MANGE ON CATS

Fairchild & Fairchild, Cats 190-193, 1947

Gay, How to Live with a Cat 139-142, 1946

MANGE ON CATTLE

1 Baker, N Y St Vet Col Vet Expt Sta Parasit Lab, Barn Itch, 36 p., 1946.

1 Baker, Amer Vet Med Assoc J 110 378-381, 1947

Baker, Iowa Vet 18(6)-7-9, 34, 1947

Baker, U S Livestock Sanit Assoc P 50 86-90, 1947

Field & McDowell, Dairy Enterprises 356, 1946

1 Howe, N Y Dept Agr & Mkts R f 1945 28, 1947; f 1946, 47 15-20

Miller, USDA BAI R f 1944, 45 39
Peters & Deyoe, Raising Livestock 278-279, 1946

Schwardt, N Y (C) R 59 120, 1947

Simms, USDA BAI R f 1945/46 45, 52.

Webster, Fort Dodge Bio-Chem Rev 16(3) 7-8, 1946

MANGE ON DOGS

Covault, Vet Student 8 202-203, 1946

Denlinger, Complete Dachshund 173-175, 1947

Lowry, Your Dog & Mine 65-66, 1947

Moore, Amer Vet Med Assoc J 108 162, 1946

MANGE ON DOMESTIC ANIMALS

1 Hutyrá et al., Sp Path. & Ther. of the Dis. of Dom Anim Eng ed 5, v 3 653-660, 668-681, 1946

Luttermoser, Pa Univ B 47(28) (School Vet Med Vet Ext Quart 107) 69, 1947

MANGE ON FUR ANIMALS

Herrick, Natl Fur News 19(10) 52, 1947

MANGE ON HORSES

Dickinson, in Davis et al., Livestock Enterprises rev 214, 1946

MANGE ON LIVESTOCK

Davis, Ind Ext. B 105 rev. 8, 1945

Gregory, Ala. Ext Handb. Ala Agr ed 4 176-178, 1947.

1 Hutyrá et al., Sp. Path. & Ther. of the Dis. of Dom Anim Eng ed 5, v 3 609-652, 1946

Milks, Pract. Vet Pharm. Mater Med. & Ther. ed. 5 rev. 514-516, 1946

Simms, USDA BAI R. f. 1946/47-71

MANGE ON POULTRY

1 Hutyrá et al., Sp. Path. & Ther. of the Dis. of Dom. Anim. Eng. ed. 5, v 3 665-668, 1946

MANGE ON RABBITS

Krebs, Science 103:459-460, 1946.
R., No. Amer. Vet 26:725, 1945.

MANGE ON SHEEP

Baker, Mangt & Feeding Sheep 223-226, 1947

Belton, Oreg Dept Agr Bien R f. 1944/46 66

Cameron, Cal Ext C 130 21, 1945

Conn Sheep Health ed 2:104-106, 1945

Ewing & Itschner, Mo Ext B 432 rev 25, 1946

Fox & Fidler, Ill Dept Agr R 28: 106-107, 1945

1 Hall et al., USDA FB 1330 rev 6-10, 1946

1 Horlacher & Hammonds, Sheep 232-234, 1945

Howe, N Y Dept Agr & Mkts R f 1945 27, 1947; f 1946, 47, 15

Hyde, Ohio Dept Agr Bien R f 1945/46 7-8, 1947

Kammlade, Sheep Sci 468-470, 1947

Kord, Tenn Dept Agr. Bien R f. 1944/46 57

Milks, Pract Vet Pharm Mater Med & Ther ed 5 rev 456, 1946

Miller, USDA BAI R f 1944/45 39.

Miller, Midwest Wool Grow News 14(2) 10-11, 1945

Peters & Deyoe, Raising Livestock 290-291, 1946

Simms, USDA BAI R f 1945/46 52

Webster, Fort Dodge Bio-Chem Rev 16(3) 7-8, 1946

MANGE ON SWINE

Anderson, Neb Dept Agr & Insp Bien R f 1945/47 25

Gregory, Ala Ext C 307 15, 1945.

Hanson, Berkshire News 12(9) 4, 19, 1947

Hanson, Poland China World 34(6) 35-37, 1947

1 Hixson & Muma, Down to Earth 3(2) 13, 1947

1 Hixson & Muma, J Ec Ent 40 451, 1947

1 Hixson & Muma, Neb R 60 55-56, 1947

Kyd, Okla Ext C 465 2, 1947

Lacey, Equity News 12(7) 3, 1947

Muma, Neb Ext C 1548 2-3, 1947

Peters & Deyoe, Raising Livestock 262-263, 1946

Smith, in Davis et al., Livestock Enterprises rev 252, 1946

Smith et al., Kans Ent Soc J 20 55, 1947

Titus, Berkshire News 10(10) 16, 1945

Vollrath, Hawaii Ext B 31 rev 47, 1947

Willman, N Y (C.) Ext B. 727-61, 1947.

MANGO BORER, PUERTO RICO, see CHLORIDA FESTIVA (L.)

MANGO BUD MITE, HAWAII, see ACERIA MANGIFERAE (Hassan)

MANGO FRUIT FLY, see DACUS FERUGINEUS F.

MANGO INSECTS

Fullaway, Hawaiian Ent Soc. P. 12: 469, 1946

Look, Hawaiian Ent Soc P. 12 488, 1946

- MANGO INSECTS--Continued
Wolfenbarger, Fla Mango Forum P.
7 17-19, 1947
- MANGO INSECTS - FRUIT STERILIZATION
b Balock & Starr, J Ec Ent. 38 646-651, 1945
- MANGO SHIELD SCALE, see COCCUS ACUMINATUS (Sign.)
- *MANGO WEEVIL, see CRYPTORHYNCHUS MANGIFERAE (F)
- MANITOBA MAPLE APHID, see PERIPHYLLUS NEGUNDINIS (Thos.)
- MANITOBA MAPLE MIDRIB GALL, see CONTARINIA NEGUNDIFOLIA Felt
- MANITOBA MAPLE TWIG BORER, see PROTEOTERAS WILLINGANA (Kearf.)
- MANNA, see INSECT MANNA
- MANSONIA Blanch
k Chamberlain & Duffey, Mosq. News 5 96-97, 1945
bik Pratt, Kans Ent Soc J 18 121-129, 1945
- MANSONIA - INSECTS
Lindquist & McDuffie, J Ec Ent 38 545-548, 1945
Madden et al., Mosq News 6:10, 1946
- MANSONIA - MORPHOLOGY
i Dodge, Ent Soc Amer Ann. 38 163-167, 1945
- MANSONIA INDUBITANS Dyar & Shan Chamberlain & Duffey, Mosq News 5 96-97, 1945
bi Pratt, Kans. Ent Soc J 18 121-129, 1945
- MANSONIA PERTURBANS (Wlkr.)
Michener, Amer Mid Nat 37 361, 1947
Peterson & Smith, J Ec Ent 38, 381, 1945
i Ross, Ill Nat Hist Surv B 24 18, 21-23, 35-36, 1947
Shlaifer & Harding, Tenn Acad Sci J. 21:253-254, 1946.
Wilson et al., Mosq. News 6 83-84, 1946
Wirth, J Ec. Ent 40:742, 1947
Wressell, Can. Ins. Pest Rev 24 59, 1946.
- MANSONIA PERTURBANS - REPELLENTS
Travis & Morton, N J Mosq Exterm Assoc P 33.66-67, 1946
- MANSONIA PERTURBANS - SOUTH CAROLINA
b Weathersbee & Arnold, Tenn. Acad Sci. J. 22:224-225, 1947
- MANSONIA PERTURBANS & FILARIASIS
Eyles & Most, Amer. J Trop Med. 27:214-216, 219, 1947
Newton & Pratt, Amer. J. Trop. Med. 26:700-701, 704-706, 1946
- MANSONIA PERTURBANS & MALARIA, AVIAN
Cantrell & Jordan, J. Parasit. 31.55-56, 1945.
- MANSONIA TITILLANS (Wlkr.)
Chamberlain & Duffey, Mosq. News 5:96-97, 1945.
Pi Joan et al., U. S. Nav. Med Bul. 46:1518, 1946.
- MANSONIA TITILLANS & ENCEPHALOMYELITIS, EQUINE
Hammon & Reeves, Amer J Pub Health 35.1001, 1945
- MANTIDAE - OOTHECAE - SPECIFICITY
bi Breland & Dobson, Ent Soc Amer Ann 40 557-575, 1947
- MANTIS RELIGIOSA L. (EUROPEAN MANTIS)* (PRAYING MANTIS)
Devoe, Amer Mercury 64 737-740, 1947
Hammond, Can Ins Pest Rev 25 8, 1947
Headstrom, Horticulture 23 259, 1945
James, Quebec Soc Protect Plants R 30 109-110, 1947
Judd, Can Field Nat 61 197, 1947
Martin, Frontiers 9 126-127, 128A, 1945
i Mochi, Home Gard (N Y) 10(2) 45-52, 1947
i Noble, Home Gard So 6 402, 1946
- MANTIS RELIGIOSA - MORTALITY, WINTER
James, Ent Soc Ont R 75 35-37, 1945
- MANTIS RELIGIOSA - OOTHECAE
i Breland & Dobson, Ent Soc Amer Ann 40 558, 573-574, 1947
- MANTIS RELIGIOSA - PREDATORS, FGG
James, Ent Soc Ont R 75 36, 1945
- MANTIS RELIGIOSA & TEMPERATURE (LOW)
Salt & James, Can Ent 79 33-36, 1947
- *MAPLE BLADDER-GALL MITE, see VASATES QUADRIPEDES Shimer
- *MAPLE CALLUS BORER, see SYLVORA ACERNI (Clem.)
- MAPLE INSECTS
bi Adrien Robert, Frère, Quebec Soc Protect Plants R 30 113-117, 1947
- *MAPLE LEAF CUTTER, see PARACLEMENSIA ACERIFOLIELLA (Fitch)
- MAPLE LEAF SCALE, see PULVINARIA ACERICOLA W & R
- MAPLE LOOPER, see ERANNIS VANCOUVERENSIS Hulst
- *MAPLE PETIOLE BORER, see CAULOCAMPUS ACERICAULIS (MacG.)
- MAPLE PSYLLID, see PSYLLA NEGUNDINIS (Mally)
- MARAVA WALLACEI (Dohrn)
Townes, Ent Soc. Wash P 48 47, 1946. (Abs.)
- MARGARODES MERIDIONALIS Morr (GROUND PEARL)
Lauderdale, Ariz St Ent R f. 1945/46:20.
- MARGARONIA Hbn, see DIAPHANIA Hbn.
- MARGAROPUS Karsch, see BOOPHILUS Curtice
- *MARGINED BLISTER BEETLE, see EPICAUTA PESTIFERA Werner
- MARLATT'S LARCH SAWFLY, see ANOPLONYX LARICIS (Marl.)
- MARMARA sp
Flock, Ariz St. Ent. R. F. 1944:19, 1945.

MARPESIA CHIRON (F)

Martorell, P R Univ J Agr 29
487, 1945

MARPESIA PETREUS THETYS (F)

1 Chermock, Pa Acad Sci P 19 42,
1945

MARUCA TESTULALIS (Geyer)

Myers, USDA EPQ Ins Pest Surv Sp
(1947, No 1):2-3

Pemberton, Hawaiian Planters' Rec
50 132, 1946

Caribbean Res Council, Com Agr,
Nutr, Fisheries & For. Crop Inq
Ser 4 77, 1947

MARX TICK, see IXODES MARXI Banks

MASTIGOPROCTUS GIGANTEUS (Lucas)
Murrill, Guide to Fla Anim 61, 1945

MASTOPHORA Holmb

1 Gertsch, Nat Hist 56 152-158, 189,
1947

MASTOPHORA CORNIGERA (Hentz)

(BIRD-DROPPING SPIDER)
Woodson, Frontiers 12 7, 1947

MASTRUS ARGEAE (Vier)

Girth & McCoy, N Y Ent Soc J 54
320, 1946

Weiss, N J Dept Agr R 31 147,
1946

MASTRUS CARPOCAPSAE (Cushm)

Boyce, Quebec Soc Protect Plants R
30 97, 1947

Jaynes & Marucci, J Ec Ent 40 11,
1947

MASTRUS CARPOCAPSAE - SEX-RATIO

Simmonds, Can Ent 79 41-44, 1947

MASTRUS NEODIPRIONI (Vier), see

MASTRUS ARGEAE (Vier)

MASTRUS PILIFRONS (Prov)

Boyce, Quebec Soc Protect Plants
R 30 97, 1947

MAYATE, see COTALPA CONSOBRINA

Horn

MAYFLIES, see EPHEMERIDA

MAYRINIA VARIEGATA Dist

bi Schrader, Biol Bul 88 63-64, 69-
70, 1945

***MEADOW PLANT BUG, see MIRIS DO-**
LABRATUS (L.)

***MEADOW SPITTLEBUG, see PHILAE-**
NUS LEUCOPHTHALMUS (L.)

***MEAL MOTH, see PYRALIS FARINA-**
LIS (L.)

MEALWORMS, see TENEBRIO L

***MEALY PLUM APHID, see HYALOP-**
TERUS ARUNDINIS (F.)

MEALYBUGS

Bohart, Pest Control & Sanit 1(3).22,
1946.

1 Holley, N H B 359 9-10, 1945

1 Holley, Better Homes & Gard 25(2)
174-175, 1946.

Morrill & Otnes, J. Ec Ent 40:600,
1947.

Robertson, B C. Dept. Agr. R. 40.
V53-V54, 1946; 41:W77, 1947

1 Westcott, Home Gard. (N. Y.) 5(5):
73-74, 1945.

MEALYBUGS - CHRYSANTHEMUMS

Hamilton, Natl Chrysanthemum Soc.
B 3(2):6, 1947.

MEALYBUGS - CHRYSANTHEMUMS--
Continued

Laurie & Kiplinger, Gard & Green-
house Chrysanthemums-62-64, 1946

MEALYBUGS - HOUSE PLANTS

Godfrey, Can Dept Agr Pub 798
(FB145).12, 1947

Tiemann, Hort 23 94, 1945

MEALYBUGS - INSECTICIDES

Blauvelt & Hoffman, N Y St Flower
Grow B 29 5, 1947

Still, Ohio St Hort Soc P 79 83,
1946, 100 150-151, 1947

Va Ext B 131 rev 12-13, 1947

MEALYBUGS - PARASITES & PREDA-
TORS

Woglum, Pest Control & Sanit 2(10)
26, 1947

MEALYBUGS - REARING

b Boyce & Fawcett, J Ec Ent 40
702-705, 1947

MEALYBUGS & PLANT DISEASE -

WILT OF PINEAPPLE

bi Carter, Phytopathology 35 305-323,
1945

MECAS sp

Hoffmann, J Ec Ent 38 358, 1945

MECAS INORNATA (Say), M PERGRA-
TA (Say)

Knoll, Ohio Biol Surv B 39 274-275,
1946

MECISTORHINUS Dall - TESTES

bi Schrader, Biol Bul 90 266-288,
1946

MECONEMUS INFUSCATUS (Fahr) -
GENITALIA - MALE

1 Bruhn, Great Basin Nat 8 12, 1947

MEDETERUS sp

Fronk, Va TB 108 10, 1947

MEDETERUS ALDRICHII Whlr

1 Hopping, Can Ent 79 150-153, 1947

MEDICAL ENTOMOLOGY, see ENTO-
MOLOGY, MEDICAL

MEDIOLATA NOVAE-SCOTIAE Nesb

ni Nesbitt, Can. Ent 78 15-18, 1946

Pickett et al., Sci Agr 26 594-595,
597, 1946

***MEDITERRANEAN FLOUR MOTH, see**
EPHESTIA KUHNIELLA Zell

***MEDITERRANEAN FRUITFLY, see**
CERATITIS CAPITATA (Wied)

MEENOPLIDAE

Metcalf, in Horváth et al., Gen. Cat
Hemiptera Fasc IV, Pt 6, p 219-
238, 1945

MEGABOTHRIS ASIO (Baker)

MacCreary, J Ec Ent 38 127, 1945

MEGACEPHALA CAROLINA (L) -

DUSTS

Kulash, J Ec Ent 40 645, 1947

MEGACERUS ALTERNATUS Bridwell

Swezey, Hawaiian Ent Soc P 12
477, 1946

MEGACHILE Latr (LEAF-CUTTING

BEEES)

Arnason, Can Ins Pest Rev 25 108,
109, 1947.

Arnason et al., Can Ins. Pest Rev.
24-85, 1946

Peck & Bolton, Sci Agr 26 399-405,
1946.

- MEGACHILE (LEAF-CUTTING BEES)--
Continued.
n Ramos, P. R. Univ. J. Agr. 30:69, 1946
- MEGACHILE & POLLINATION - ALFALFA
Annand, USDA EPQ R. f. 1944/45 27, f. 1946/47:29.
Linsley, J. Ec. Ent. 39:19-25, 28, 1946.
- MEGACHILE sp
Peterson, Can. Ins. Pest. Rev. 24:114, 1946
- MEGACHILE BREVIS Say & POLLINATION - ALFALFA
Parker, Kans. Bien. R. 13:43, 1946
- MEGACHILE PALMARUM Perk
Pemberton, Hawaiian Planters' Rec. 50:134, 1946
- MEGACHILE SCHAUINSLANDI Alf
Pemberton, Hawaiian Planters' Rec. 50:129, 131, 133, 135, 138-139, 1946
- MEGACYLLENE Casey
Fisher, Ent. Soc. Wash. P. 47:251, 1945
- MEGACYLLENE CARYAE (Gahan)
(PAINTED HICKORY BORER)*
Knull, Ohio Biol. Surv. B. 39:213, 1946
- MEGACYLLENE DECORA (Oliv.)
Knull, Ohio Biol. Surv. B. 39:213, 1946
- MEGACYLLENE ROBINAE (Forst.)
(LOCUST BORER)*
Berry, J. For. 43:751-754, 1945
i Boyd, N. J. Dept. Agr. C. 355:115-117, 1945
Craighead & Brown, USDA EPQ E-649 6, 1945
i Knull, Ohio Biol. Surv. B. 39:212-213, 1946
- MEGALOPYGE KRUGII (Dewitz)
i Martorell, P. R. Univ. J. Agr. 29:545-547, 1945
- MEGALOTHRIPS Uzel - NORTH AMERICA
nk Crawford, Ent. Soc. Wash. P. 49:197-199, 1947
- MEGAPENTHES sp
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar in Cuba:532, 1946
- MEGAPENTHES LIMBALIS (Hbst.) LARVAE
i Jewett, Ky. B. 489:14-15, 1946
- MEGARHINUS RUTILUS Coq., see TOXORHYNCHITES RUTILUS (Coq.)
- MEGARHINUS SEPTENTRIONALIS Dyar & Knab, see TOXORHYNCHITES RUTILUS SEPTENTRIONALIS (Dyar & Knab)
- MEGARHINUS SPLENDENS Wied., see TOXORHYNCHITES SPLENDENS (Wied.)
- MEGARHYSSA LUNATOR (F.), see MEGARHYSSA MACRURUS (L.)
- MEGARHYSSA MACRURUS (L.)
Headstrom, Horticulture 23:259-260, 1945.
- MEGASELIA PYGMAEODES (Lundb.)
Linsley, Bklyn. Ent. Soc. B. 40:67-68, 1945.
- MEGASELIA RUFIPES (Meig.) & MYIASIS
i James, USDA Misc. Pub. 631:162-163, 1947
- MEGASELIA SCALARIS (Loew) & MYIASIS
i James, USDA Misc. Pub. 631:161-162, 1947.
- MEGASTERNUM PUGETENSE Hatch
n Hatch, Pan-Pac. Ent. 22:79, 1946.
- MEGASTIGMUS NIGROVARIATUS
Ashm. - BIONOMICS
b Balduf, Ent. Soc. Wash. P. 47:185-198, 1945
- MEGASTIZUS UNICINCTUS (Say)
Leech, B. C. Ent. Soc. P. 43:32, 1947
- MEGATHYMUS YUCCA NAVAJO Skin
i Freeman & Freeman, Nat. Hist. 56:60, 62, 1947
- MEGATOMA UNDATA (L.)
Linsley, Pests 14(7):16, 1946
- MEGATROMBICULA Mich., n. sgen. of TROMBICULA Berl., q. v.
- MEGNINIA CUBITALIS (Megn.)
Alicata et al., Poult. Sci. 25:376-380, 1946
Alicata et al., Hawaii R. f. 1944:46 99, 1947
Alicata et al., J. Ec. Ent. 40:922-923, 1947
- MELALGUS - GONAGRUM (F.)
Martorell, P. R. Univ. J. Agr. 29:427, 1945.
- MELANAPHYCUS Comp
nik Compere, Cal. Univ. Pub. Ent. 8:5-6, 1947
- MELANAPHYCUS CLAUSENI (Timb.)
i Compere, Cal. Univ. Pub. Ent. 8:7, 1947.
- MELANAPHYCUS FUMIPENNIS (Timb.)
Compere, Cal. Univ. Pub. Ent. 8:5; 93-94, 1947
- MELANAPHYCUS FUSCIPENNIS (How.)
Brann, Cornell Univ. Abs. Theses f. 1944:146, 1945
Brann, N. Y. (G.) R. 64:32, 1946
Compere, Cal. Univ. Pub. Ent. 8:5-6, 1947
- MELANASPIS ALIENA (Newst.), see PSEUDISCHNASPIS ALIENUS (Newst.)
- MELANCHROIA CEPHISE (Cram.)
Martorell, P. R. Univ. J. Agr. 29:512, 1945.
- MELANCHROIA GEOMETROIDES (Wlkr.)
i Osorio, Control de Plagas 8:24-25, 27, 1946.
- MELANICHNEUMON RUBICUNDUS (Cress.)
Townsend, Hawaiian Ent. Soc. P. 13:106, 1947.
- MELANOCALLIS CARYAEFOLIAE (Davis) (BLACK PECAN APHID)*
Annand, USDA EPQ R. f. 1946/47:11.
i Bissell & Firor, Ga. Ext. B. 501 rev.:19-20, 1947.
Flock, Ariz. St. Ent. R. f. 1944:18, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:18.
Musser et al., S. C. Ext. C. 301:27, 1947.

MELANOCALLIS CARYAEFOLIAE--

Continued

1 Phillips & Cole, Fla B 411 rev 17-18, 1947

Pierce, USDA EPQ Ins. Pest Surv Sum of Ins Conditions in 1945 8, 1946

USDA Tree Nuts Advisory Com, Rpt & Recom under Res & Mktg Act of 1946 3-4, 1947

MELANOCALLIS CARYAEFOLIAE - LOUISIANA

Pierce, Tex Pecan Grow Assoc P 26 48-50, 1947.

MELANOMADA Ckll

Rodeck, Ent News 56 202-203, 1945

MELANOPHILA (MELANOPHILA) Esch - NORTH AMERICA (WESTERN)

b Barr & Linsley, Pan-Pac Ent 23 162-166, 1947

MELANOPHILA ACUMINATA (Deg.)

Peterson, Can Ins Pest Rev 24 108, 1946

MELANOPHILA CALIFORNICA Van Dyke (CALIFORNIA FLATHEAD BORER)

b West, Can J Res Sect D 25 97-118, 1947

Cal Dept Nat Resources Div For. For Ins Conditions in Cal during 1946 10, 1947

MELANOPHILA OBTUSA Horn

Helfer, Bklyn Ent Soc B 42 140, 1947

MELANOPHTHALMA Mots - HORSE BLANKET

Kingscote & Hill, Can. J Compar Med 10 168, 1946

MELANOPLINI - MEXICO

bnik Roberts, Acad Nat Sci Phila P 99 201-230, 1947.

MELANOPLUS Stål

Brett, Okla TB 26 26-31, 1947

bik Handford, Sci Agr 26 147-180, 1946

Ryan, Los Angeles Co Cal Agr Comnr R f 1944-45 10, f 1946, 47 17

MELANOPLUS - CONTROL ESTIMATES - EFFECT OF SCAVENGERS

Putnam, Can. Ent 79 225-226, 1947

MELANOPLUS - INSECTICIDES

1 Brett & Rhoades, J Ec Ent. 39 677-678, 1946

1 Hill & Hixson, J Ec Ent 40 137-138, 1947.

List & Hoerner, J Ec. Ent 40 138, 1947

MELANOPLUS - NYMPHS - IDENTIFICATION

bik Handford, Sci Agr 26:147-180, 1946

MELANOPLUS - PREDATORS - TURKEYS

Wickware, Can J. Compar Med. 9: 80-81, 1945.

MELANOPLUS Stål (PUNCTULATUS GROUP)

Ik Rehn, Nat. Sci. Phila. P. 98:241-269, 1946.

MFLANOPLUS sp.

Fautin, Ecol. Monog. 16:267, 1946.

MELANOPLUS sp --Continued

Gomez, Fitófito 4 137, 1945

MELANOPLUS BIVITTATUS (Say)

(TWO-STRIPED GRASSHOPPER)*

Annand, Amer Assoc Econ Ent N Cent Sts Branch P 25 35, 1946

1 Drake & Tauber, Iowa Dept Agr YB 46:177-199, 1946

Flock, Ariz St Ent R f 1944 14, 1945

Lauderdale, Ariz St Ent R f 1945/46 21

Mills et al, Mont B 425 5-14, 1945, 442 4-5,7, 1947

Muma, Neb Ext C 1537 12-13, 1946

Severin, S Dak R 59 16-17, 1946

Shockley, USDA EPQ Ins. Pest Surv

Sum of Ins Conditions in 1944 2-3, 1945

Spawn, S Dak B 379 4 1945

Wakeland, USDA EPQ Ins. Pest Surv

Sum of Ins Conditions in 1945 2, 1946

MELANOPLUS BIVITTATUS - CANADA

Arnason et al, Can Ins Pest Rev 24 83, 1946

Bird & Mitchener, Can Ins Pest Rev 24 68, 1946

Manson et al, Can Ins. Pest Rev 24 92, 1946, 25 7-8, 1947

MELANOPLUS BIVITTATUS - OVIPOSITION & SURVIVAL

Drake et al, Iowa R f 1944 45 pt 1 255-256

b Drake et al, Iowa St Col J Sci 19 207-223, 1945

b Tauber et al, Iowa St Col J Sci 19 343-358, 1945

MELANOPLUS BIVITTATUS - PARASITES & PREDATORS

James, Quebec Soc Protect Plants R 30 110, 1947

Smith, Quebec Soc Protect Plants R 29 114-115, 1945?

MELANOPLUS BOREALIS (Fieb.)

Buckell, Can Ins Pest Rev 25 7, 1947

MELANOPLUS BRUNERI Scudd

Buckell, Can Ins Pest Rev 25 7, 1947

Twinn, Can. Ins. Pest Rev 23 2, 1945

MELANOPLUS DEVASTATOR Scudd,

see MELANOPLUS MEXICANUS DEVASTATOR Scudd

MELANOPLUS DIFFERENTIALIS (Thos.) (DIFFERENTIAL GRASS-

HOPPER)*

Annand, Amer Assoc Econ Ent N Cent Sts. Branch P 25-35, 1946

1 Drake & Tauber, Iowa Dept. Agr YB 46:178-199, 1946.

Flock, Ariz St Ent R f 1944 14, 1945.

Lange, Spreckels Sugar Beet Bul 11 3, 1947

Lauderdale, Ariz St Ent. R f. 1945/46 21.

Mills et al., Mont B 442 4-5,7, 1947

Muma, Neb. Ext C 1537:12-13, 1946

Parker, Ariz. St. Ent. R f 1946/47: 26.

MELANOPLUS DIFFERENTIALIS--Continued.

Shockley & Decker, USDA EPQ Ins Pest Surv. Sum. of Ins. Conditions in 1944-2-3, 1945.

Spawn, S. Dak. B. 379:4-5, 1945

Steiner, J. Ec. Ent. 38:118, 1945

Wakeland, USDA EPQ Ins Pest Surv Sum. of Ins Conditions in 1945 2-3, 1946

MELANOPLUS DIFFERENTIALIS - CONTROL

Severin, S. Dak R. 59:16-17, 1946

MELANOPLUS DIFFERENTIALIS - CORPORA ALLATA

b1 Pfeiffer, Conn. Acad. Arts & Sci Trans. 36 489-515, 1945

b Pfeiffer, J. Expt. Zool 99 183-233, 1945.

MELANOPLUS DIFFERENTIALIS - EGGS - DIAPAUSE

b Slifer, J. Expt. Zool. 102:333-356, 1946

MELANOPLUS DIFFERENTIALIS - EGGS - FLUORESCENCE

Bodine & Fitzgerald, Anat Rec 96 520-521, 1946 (Abs)

b1 Bodine & Fitzgerald, Physiol Zool 20:146-160, 1947

MELANOPLUS DIFFERENTIALIS - EGGS - METABOLISM

b Hill, J Cell & Compar Physiol 25 205-216, 1945

MELANOPLUS DIFFERENTIALIS - EGGS - PIGMENTS

Burgess, Anat Rec 96 586, 1946 (Abs)

MELANOPLUS DIFFERENTIALIS - EGGS - POLYEMBRYONY

b1 Slifer & Shulow, Ent. Soc Amer Ann 40:654-655, 1947

MELANOPLUS DIFFERENTIALIS - EGGS - PROTYROSINASE

Bodine, Iowa Acad Sci. P 52:283-286, 1946

MELANOPLUS DIFFERENTIALIS - EGGS - REMOVAL OF SHELL.

Slifer, Science 102:282, 1945

MELANOPLUS DIFFERENTIALIS - EGGS - RIBOFLAVIN

1 Bodine & Fitzgerald, J Expt Zool 104 353-363, 1947.

MELANOPLUS DIFFERENTIALIS - EGGS - URIC ACID

Bodine, Anat. Rec. 94 373, 1946. (Abs.)
Bodine, Fed. P. Pt. 2, 5(1):9, 1946 (Abs.)

b Bodine, Physiol Zool 19:54-58, 1946.

MELANOPLUS DIFFERENTIALIS - EYES - ELECTRICAL RESPONSES

b1 Jahn, N. Y. Ent. Soc J 54:1-8, 1946.

Wulff & Jahn, Anat. Rec. 99:601, 1947. (Abs.)

MELANOPLUS DIFFERENTIALIS - FUMIGANTS & EGG DEVELOPMENT

Robbie, J. Ec. Ent 39:401, 1946.

MELANOPLUS DIFFERENTIALIS - INSECTICIDES

b Gaines, J. Ec. Ent 40:896-899, 1947.

MELANOPLUS DIFFERENTIALIS - INSECTICIDES--Continued

Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf P 23, [19], 1946.

Graham & Cory, J Ec Ent 39 816, 1946

Graham & Cory, Md Agr Soc R 31 115, 1947

Graham & Cory, Md. St Hort Soc P 49 26, 1947

Hinman & Cowan, USDA EPQ E-722 3-21, 1947

Kearns et al , J Ec Ent 38 666-667, 1945

Weinman & Decker, J Ec Ent 40 84-90, 1947

Weinman et al . J Ec Ent 40 91-97, 1947

MELANOPLUS DIFFERENTIALIS - INSECTICIDES - DDT

Rice et al , J Ec Ent 39 652,656, 1946

Steiner et al , Ind Hort Soc Trans 86 94-95, 1947

MELANOPLUS DIFFERENTIALIS - OVIPOSITION & SURVIVAL

Drake et al , Iowa R f 1944/45 pt 1 256

b Drake et al., Iowa St Col J Sci 19 207-223, 1945

MELANOPLUS DIFFERENTIALIS - PROTOZOA

Allegre, Anat Rec 96 594, 1946 (Abs.)

MELANOPLUS FEMUR-RUBRUM (Deg) (RED-LEGGED GRASSHOPPER)*

Davis, Ind Acad Sci. P 56 148-149, 1947?

1 Drake & Tauber, Iowa Dept. Agr YB 46 179-199, 1946

Mills et al , Mont B 442 4,7, 1947

Muma, Neb Ext C 1537 12-13, 1946

Severin, S Dak R 59 16-17, 1946

Shockley & Decker, USDA EPQ Ins Pest Surv Sum. of Ins Conditions in 1944 2-3, 1945

Spawn, S. Dak B 379 5, 1945

Spawn, S Dak R 60:18, 1947

Steiner, J Ec. Ent 38:118, 1945

Wakeland, USDA EPQ Ins Pest Surv Sum. of Ins. Conditions in 1945, 2, 1946.

MELANOPLUS FEMUR-RUBRUM - CANADA

Bird & Mitchener, Can Ins Pest Rev. 24:68, 1946

Hammond, Can Ins Pest Rev 25.8, 1947

Wressell, Can. Ins. Pest Rev 24:53, 1946.

MELANOPLUS FEMUR-RUBRUM - DUSTS

b Allen & Brunn, J. Ec. Ent. 38:291-293, 1945.

b Allen et al., J. Ec. Ent. 38:293-296, 1945

Clark & Hoveland, Wis. B. 466:58, 1945.

- MELANOPLUS FEMUR-RUBRUM - INSECTICIDES**
 Hinman & Cowan, USDA EPQ E-722 3-21, 1947
 Weinman & Decker, J Ec Ent 40 84-90, 1947
 Weinman et al., J Ec Ent 40:91-97, 1947.
- MELANOPLUS FEMUR-RUBRUM - PARASITES**
 Smith, Quebec Soc. Protect Plants R 29 114, 1945?
- MELANOPLUS FEMUR-RUBRUM - POISON BAIT**
 Garner, Prod of Tob 292-293, 1946
 Marcovitch & Stanley, Tenn R 58 109, 1946
- MELANOPLUS FEMUR-RUBRUM - RECTAL SAC**
 bi Marshall, Ent Soc Amer Ann 38 461-471, 1945
- MELANOPLUS FEMUR-RUBRUM - SENSES, LABRAL**
 bi Marshall, Wis Acad Sci Trans 37 137-148, 1945
- MELANOPLUS FEMUR-RUBRUM - SPRAYS**
 Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf P 23 [19], 1946
 Graham & Cory, J Ec Ent 39 816, 1946
 Graham & Cory, Md Agr Soc R 31 115, 1947
 Graham & Cory, Md St Hort Soc P 49 26, 1947
- MELANOPLUS FEMUR-RUBRUM - SPRAYS - DDT**
 Rice et al., J Ec Ent 39 656, 1946
 Steiner, Va Fruit 34 145, 1946
 Steiner et al., Ind Hort Soc Trans 86 94-95, 1947
- MELANOPLUS INFANTILIS Scudd**
 Arnason et al., Can Ins Pest Rev 24 84, 1946
- MELANOPLUS MACCLUNGI Rehn**
 ni Rehn, Acad Nat Sci Phila P 98 264-269, 1946
- MELANOPLUS MEXICANUS (Sauss.)**
 Annand, Amer Assoc Econ Ent N Cent Sts Branch P 25 35, 1946
 Drake & Tauber, Iowa Dept Agr. YB 46 178-199, 1946
 Flock, Ariz St Ent R f. 1944 14, 1945
 Hill, Wyo R. 54 24-25, 1946?
 Lauderdale, Ariz. St. Ent. R f. 1945/46.21
 Mills et al., Mont B 425.4-14, 1945, 442 4-5.7, 1947.
 Muma, Neb Ext C. 1537-12-13, 1946
 Parker, Ariz St Ent. R. f 1946/47 26
 Shockley & Decker, USDA EPQ Ins Pest Surv Sum of Ins Conditions in 1944:2-3, 1945
 Smith et al., Kans Ent. Soc. J. 20.53, 1947
 Spawn, S. Dak. B. 379:5, 1945.
 Spawn, S. Dak. R 60:18, 1947.
- MELANOPLUS MEXICANUS--Continued**
 Wakeland, USDA EPQ Ins Pest Surv Sum of Ins Conditions in 1945 2-3, 1946
- MELANOPLUS MEXICANUS - CANADA**
 Arnason et al., Can Ins Pest Rev 24 83, 1946, 25 8, 1947
 Buckell, Can Ent 77 115-116, 1945
 Buckell, Can Ins Pest Rev 24 115, 1946
 Cornwall, B C Dept Agr R 41 W155, 1947
- MELANOPLUS MEXICANUS - FATS**
 b Giral et al., J Biol Chem 162 55-59, 1946
- MELANOPLUS MEXICANUS - INSECTICIDES**
 Hinman & Cowan, USDA EPQ E-722 3-21, 1947
 Parker, USDA EPQ E-653.7 p., 1945
- MELANOPLUS MEXICANUS - OVIPOSITION & SURVIVAL**
 Drake et al., Iowa R f 1944 '45 pt 1 256
 b Drake et al., Iowa St Col J Sci 19 207-223, 1945
- MELANOPLUS MEXICANUS - PARASITES & PREDATORS**
 James, Quebec Soc Protect Plants R 30 110, 1947
 Smith, Quebec Soc Protect Plants R 29 114-115, 1945?
- MELANOPLUS MEXICANUS & TEMPERATURE**
 Hixson et al., Neb R 60:52, 1947
 Scott, J Ec Ent 38 460, 1945
- MELANOPLUS MEXICANUS ATLANIS**
 Riley, see MELANOPLUS MEXICANUS MEXICANUS (Sauss.)
- MELANOPLUS MEXICANUS DEVASTATOR Scudd (DEVASTATING GRASSHOPPER)***
 Shockley, USDA EPQ Ins Pest Surv Sum of Ins Conditions in 1944 2-3, 1945
 Wakeland, USDA EPQ Ins Pest Surv Sum of Ins Conditions in 1945 2, 1946
 Wallace et al., Cal Dept Agr B 33 239, 1945, 35 194, 1947
 i Wilson, Cal Dept Agr. B 36 97-102, 1947
- MELANOPLUS MEXICANUS DEVASTATOR - INSECTICIDES**
 Hinman & Cowan, USDA EPQ E-722 4-21, 1946
- MELANOPLUS MEXICANUS MEXICANUS (Sauss.), MIGRATORY PHASE (ROCKY MOUNTAIN GRASSHOPPER)***
 Brownell, Amer Photog. 39(8) 42-43, 1945.
 Drake & Tauber, Iowa Dept Agr YB 46 177-199, 1946
- MELANOPLUS MEXICANUS MEXICANUS (Sauss.), SOLITARY PHASE (LESSER MIGRATORY GRASSHOPPER)***
 Buckell et al., Can Ins Pest Rev:7-8, 1947
 Conklin, N H. B. 363 41, 1945

MELANOPLUS MEXICANUS MEXICANUS, SOLITARY PHASE--Continued.
 Fautin, Ecol. Monog 16:287, 1946.
 Hammond, Can. Ins. Pest Rev. 25:8, 1947.
 Manson et al., Can. Ins. Pest Rev 24 92, 1946.
 Severin, S. Dak. R 59:16-17, 1946
 Twinn, Can. Ins. Pest Rev. 23.2, 1945
 Ward, B C Dept Agr. R. 40:V75, 1946. 41:W103-W104, 1947.
MELANOPLUS MEXICANUS MEXICANUS, SOLITARY PHASE - DEVELOPMENT
 bi Brett, Okla. TB 26,50 p, 1947
MELANOPLUS MEXICANUS MEXICANUS, SOLITARY PHASE - INSECTICIDES
 Brett & Hodnett, J Ec Ent 40:593, 1947
 Brown & Hurtig, J Ec Ent. 40 276-277, 1947.
 Brown & Putnam, J Ec Ent 39 676-677, 1946
MELANOPLUS MEXICANUS MEXICANUS, SOLITARY PHASE - PARASITES
 Gardiner, Can Min Agr R f 1945/46 67
 Leech, B C Ent. Soc P 43 32, 1947
MELANOPLUS MEXICANUS MEXICANUS, SOLITARY PHASE - POISON BAIT
 Brown, J Ec. Ent. 40:607, 1947
 Garner, Prod of Tob .292-293, 1946
MELANOPLUS MEXICANUS SPRETUS (Walsh), see **MELANOPLUS MEXICANUS MEXICANUS** (Sauss), MIGRATORY PHASE
MELANOPLUS PACKARDII Scudd (PACKARD GRASSHOPPER)*
 Arnason et al., Can Ins Pest Rev 24:83, 1946
 Manson et al., Can Ins Pest Rev 24 92, 1946
 Shockley, USDA EPQ Ins Pest Surv Sum of Ins. Conditions in 1944.2, 1945.
 Wakeland, USDA EPQ Ins Pest Surv. Sum. of Ins. Conditions in 1945 3, 1946
MELANOSE (GREASY) OF CITRUS, see **PHYLLOCOPTURUS OLEIVORA** & **MELANOSE (GREASY) OF CITRUS**
MELANOSTOMINI - NEOTROPICAL
 i Fluke, Amer Mus Nov. 1272,29 p., 1945
MELANOTRICHUS sp. & YELLOW WILT OF SUGAR BEET
 Bennett & Munck, J Agr Res. 73 58, 1946.
MELANOTRICHUS COAGULATUS (Uhl.) Knowlton, J. Ec. Ent. 40:428, 1947.
MELANOTUS Esch.
 Bryson, Kans. Bien. R. 13:65, 1946.
 Maltais, Can. Ins. Pest Rev. 25.14-15, 1947.
MELANOTUS COMMUNIS (Gyll.) Wilson, Fla. St. Hort. Soc P. 59:103-106, 1946.
 Wolfenbarger, Fla. R. f. 1946/47:249-250.

MELANOTUS COMMUNIS--Continued.
 Wolfenbarger, Fla. St Hort Soc. P 60:116-121, 1947
 Wylie, Fla. St Hort Soc. P. 59 89, 1946
 Wylie, Fla. R. f. 1946/47 203
MELANOTUS COMMUNIS - LARVAE
 i Jewett, Ky B 489:10, 1946.
MELANOTUS COMMUNIS - RESPIRATION
 Edwards, J Cell & Compar. Physiol 27(1):55-64, 1946
MELANOTUS IGNOBILIS (Melsh) - LARVAE
 i Jewett, Ky B 489 9-10, 1946
MELANOTUS TAENICOLLIS (Lec) Frost, Psyche 53 21, 1946
MELANOTUS TRAPEZOIDEUS (Lec) - LARVAE
 i Jewett, Ky B 489:9, 1946
MELANOXANTHERIUM SMITHIAE (Monell), see **CLAVIGERUS SMITHIAE** (Monell)
MELIPONINI - PANAMA
 b Michener, N. Y. Ent Soc. J 54 179-197, 1946
MELIPONIDAE - WAX
 b Schwarz, N Y. Ent Soc J 53 137-144, 1945.
MELIPOTIS ACONTIOIDES (Guen) Martorell, P R Univ J Agr 29 507-508, 1945
 Watson, Fla Ent 27 103, 28 18-19, 1945
MELIPOTIS FASCIOLARIS (Hbn) Martorell, P R Univ J Agr 29 508, 1945
MELIPOTIS JANUARIS (Guen.) Martorell, P R Univ J Agr 29:508, 1945
MELIPOTIS OCHRODES (Guen.) Martorell, P. R Univ J Agr 29:508-509, 1945.
MELISSODES TIMBERLAKEI Kkll. & POLLINATION - ALFALFA
 Linsley, J Ec. Ent 39:21-23,25,28, 1946
MELISSOPUS LATIFERREANUS (Wlsm) (FILBERTWORM)* (CATALINA CHERRY MOTH)
 Besse, Oreg. C. Inform 353:7, 1945.
 Brannon, Oreg. St Hort. Soc R. 37. 99, 1945
 Michelbacher, USDA EPQ Ins Pest Surv. Sum of Ins. Conditions in 1944:6, 1945.
 Michelbacher & Middlekauff, Cal. Agr. 1(7):2, 1947.
 Miller & Thompson, Oreg. C Inform 404:2-3, 1947.
 Thompson, Oreg. St. Hort. Soc. R. 37 104, 1945; 38:89-92, 1946; 39:119, 1947.
 Thompson, Oreg. C. Inform. 410,4 p., 1947.
MELISSOPUS LATIFERREANUS - NUTS
 Bacon et al., Cal. C. 365:85-87, 1946.
 USDA Tree Nuts Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946:4, 1947.
MELITAEA PHAETON (Drury), see **EUPHYDRAS PHAETON** (Drury)

- MELITARA DENTATA (Grote) (BLUE CACTUS BORER)*
bi Bugbee & Reigel, Amer Mid Nat 33 117-126, 1945
- MELITTIA CUCURBITAE (Harr) (SQUASH VINE BORER)*
i Bissell & Dupree, Ga B 254 19, 1947
Burgess, Ariz R 55 51, 1945, 56 47, 1946
Chupp & Leiby, N Y (C.) Ext B 206 rev. 49-50, 1947
Flock, Ariz St Ent R f 1944 16, 1945
Haseman, Mo B 391 ed 2.11-16, 1946
Pratt et al., N Y (C) Ext B 696 rev 60-61, 1947
Price, Ky Ext C 435 5, 1947
Sherwood & Bishop, W Va Ext C 325 rev 29-30, 1945
i Vorhies & Wehrle, Ariz B 203 42-44, 1946
Watson, Fla Grow 55 [i e 54](9) 18, 1946
Whitcomb, Tomlinson & Garland, Mass Com Veg Grow Jan 10, 1945 3-4
- MELITTIA CUCURBITAE - CANADA
Stirrett, Can Ins Pest Rev 25 33, 1947
Thompson, Can Ins Pest Rev 24 39, 1946
Wressell, Can Ins Pest Rev 24 56, 1946
- MELITTIA CUCURBITAE - INSECTICIDES
Allen & Chapman, Wis B 469 33-34, 1946
Apple, Ill Veg Grow B 7(2) 3-5, 1947
i Carruth, N Y (G) Farm Res 13(1) 11, 1947
bi Carruth & Hervey, J Ec Ent 40 716-721, 1947
Clark & Hoveland, Wis B 472 17, 1947
Krone et al., Mich Ext B 4 rev. 87, 1945
Lincoln, Ark, Ext C 438:11, 1945
Whitcomb, Mass. B 441.37, 1947
- MELITTIA CUCURBITAE - INSECTICIDES - DDT
Bruce & Tauber, J. Ec. Ent. 38 440-441, 1945.
Drake & Tauber, Iowa R. f. 1944/45 pt 1:248-249.
Trullinger et al., USDA OES R. f. 1945/46:105, 1947
- MELITTIA CUCURBITAE - RESISTANT CUCURBITS
Whitcomb, Mass. B 428:39-40, 1945, 436:41, 1946.
- MELITTIA SATYRINIFORMIS Hbn., see MELITTIA CUCURBITAE (Harr)
- MELITTOBIA Westw.
bi Schmieder & Whiting, Genetics 32:29-37, 1947.
bi Whiting, J. Hered. 38:12-20, 1947.
- MELITTOBIA sp. - EFFECT OF X-RAYS
Whiting, Anat. Rec. 96:556, 1946. (Abs.)
- MELITTOBIA HAWAIIENSIS Perk
Pemberton, Hawaiian Planters' Rec 50 129,131,134,136-139, 1946
- Meloe sp
Peterson, Can Ins Pest Rev 24 108, 1946
- MELOIDAE, see also BLISTER BEETLES
- MELOIDAE & DERMATITIS
i Swarts & Wanamaker, Amer. Med. Assoc J 131 594-595, 1946
- MELOLONTHINAE
Davault, For Québécoise 12 273-274, 1947
Saylor, Wasmann Collector 6 79-81, 1945
ik Saylor, Ent Soc Wash P 48 18-25,41-44, 1946
- *MELON APHID, see APHIS GOSSYPHII Glov
- *MELON FLY, see DACUS CUCURBITAE (Coq)
- MELON INSECTS - CONTROL
Haseman, Mo B 491 20, 1945
Haseman, Mo B 391 ed 2,16 p 1946
i Parks & King, Ohio Ext B 76 rev. 28, 1947
- *MELONWORM, see DIAPHANIA HYALINATA (L)
- MELOPHAGUS OVINUS (L) (SHEEP-TICK)*
Baker, Mangt & Feeding of Sheep 217-223, 1947
Conn. Sheep Health ed 2 106-107, 1945
Dean et al., Kans Ent Soc J 18 93, 1945
i Hall et al., USDA FB 1330 rev 5-7, 1946
Kammlade, Sheep Sci 470-471, 1947
Pemberton, Hawaiian Ent Soc P 13 13, 1947
Schwardt et al., N Y (C) R 58 119, 1946.
Schwartz, USDA YB f 1943/47 73-74
Smith et al., Kans Ent Soc J 19 50, 1946, 20 55,58, 1947
Stuckey, Ga R 59 49, 1947
- MELOPHAGUS OVINUS - CANADA
Gregson & Manson, Can Ins Pest Rev 25 115, 1947
Gunn, B C Dept Agr R 40 V114-V115, 1946
MacEwan & Ewen, Sci. & Pract Can Anim Husb rev 329-330, 1945
Manson et al., Can Ins Pest Rev. 24 103, 1946
- MELOPHAGUS OVINUS - DIPS
Davis, Ind Ext B. 105 rev 4, 1945
Peters & Deyoe, Raising Livestock. 289-290, 1946
Schwardt & Matthysse, N. Y. (G) Farm Res 11(2):11-12, 1945
Schwardt et al., N Y (C) R 57:124, 1945
Schwartz, U. S Livestock Sanit. Assoc. P 49-75, 1946.
Schwartz et al., U. S. Livestock Sanit. Assoc. R 50:97-98, 1947

- MELOPHAGUS OVINUS - DIPS - DDT**
 Cobbett & Smith, Amer. Vet Med Assoc J. 107:147-148, 1945
 Cobbett & Smith, Cal Wool Grow 21(40, i.e. 39):8, 1945.
 Kemper et al, Amer Vet Med Assoc J 111:196-199, 1947.
 Miller, USDA BAI R. f 1944/45 34
 Rude & Parish, USDA EPQ E-693, 2 p, 1946.
 Simms, USDA BAI R. f 1945/46 2,48
- MELOPHAGUS OVINUS - DUSTS**
 Johnson, Sheep Breed 65(11).6, 1945
 Matthysse, J. Ec Ent 38 285-290, 1945
 Munro, Amer Assoc Ec. Ent N Cent Sts Branch P 2 36, 1947
 Schwartz, N Y (G) Farm Res 11(4) 4-5, 1945
 Trullinger et al, USDA OES R f 1945/46 112, 1947
- MELOPHAGUS OVINUS - INSECTICIDES**
 McDonald, N Dak Ext C 190 33-35, 1947.
 Muma, Neb Ext C 1539, 2 p, 1946
 Telford, J Ec Ent. 40:920, 1947.
- MELOPHAGUS OVINUS - INSECTICIDES - DDT**
 Daggy et al., Minn Ext B 252.9, 1946.
 Price, Ky Ext C 438 4-5, 1947
 b Telford & Guthrie, Agr Chem 1(3) 30, 1946
 Twinn, Can Dept. Agr Div Ent Processed Pub 65 8,10, 1947
- MELOPHAGUS OVINUS - SPRAYS**
 Gardiner, Can Min Agr. R f 1945/46 157
 Harney, Natl Wool Grow 36(6).17-18, 1946.
 Manis, Ida Col. Agr. News Let 31(1) 3, 1946
- MELOPHAGUS OVINUS - SPRAYS - DDT**
 Manis et al, Ida B 269:30, 1947
 O'Connell, Wool Sack 15(8):2, 1947
 Shull et al., Ida. B 268 38, 1946
 Shull et al, Ida Ext C 92,3 p., 1946
 Telford & Guthrie, Agr Chem 1(3): 30, 1946
- MEMBRACIDAE**
 i Headstrom, Horticulture 24:340, 1946.
 i Lathrop, Maine Ext B. 274 rev .7-8, 18, 1945
- MEMBRACIDAE - OVIPOSITION**
 b Frost, J. Ec Ent. 38 403, 1945.
- MENACANTHUS LATUS - (Piaget)**
 (LARGE BODY LOUSE OF PIGEONS)
 i Levi, Making Pigeons Pay:220-222, 1946
- MENACANTHUS STRAMINEUS (Nitz) ,**
 see EOMENACANTHUS STRAMINEUS (Nitz.)
- MENECLIS INSERTUS (Say)**
 b Balduf, Bklyn. Ent Soc. B 40:61-65, 1945.
 Rice, Amer. Mid Nat 35:166, 1946.
- MENECLIS INSERTUS - EGGS**
 i Esselbaugh, Ent. Soc Amer. Ann. 39:677, 1946
- MENOPON GALLINAE (L.) (SHAFT LOUSE)***
 Bice, Hawaii Ext B. 86 rev 1-3, 1947
 i Gannon, Ga Ext B. 524 rev 34-35, 1947
- MENOPON GALLINAE - INSECTICIDES**
 Alicata et al. Poult Sci 25 376-380, 1946
 Alicata et al., Hawaii R f 1944/46 98, 1947
 Alicata et al, J Ec Ent 40 922-923, 1947
 b Telford, J Ec Ent 38 573-576, 1945, 40:918-921, 1947
 Warren, Poult Sci 24:473-476, 1945
- MENOPON GALLINAE - INSECTICIDES - DDT**
 Telford, J Ec Ent 38 700-703, 1945
 Twinn, Can Dept Agr Div Ent Processed Pub 65:9, 1947
- MENOPON STRAMINEUM Nitz, see EOMENACANTHUS STRAMINEUS (Nitz)**
- MENOPONIDAE - NORTH AMERICA**
 i Emerson, Can Ent 79 135-141 209-216, 1947
- MERACANTHA CONTRACTA (Beauv) - PUPAE**
 i Daggy, Ind Acad Sci P 56 256 1947?
- MERINUS LAEVIS (Oliv) - PUPAE**
 i Daggy, Ind Acad Sci. P 56 256, 1947?
- MERIUM PROTEUS Kby**
 i Knoll, Ohio Biol Surv B 39 207, 1946
- MEROMYZA AMERICANA Fitch (WHEAT STEM MAGGOT)***
 Arnason et al, Can Ins Pest Rev 24 86, 1946; 25:23, 1947
 Bird & Mitchener, Can Ins Pest Rev 24 69, 1946.
 Smith et al, Kans Ent Soc J 20:57, 1947
- MEROMYZA PRATORUM Meig - PACIFIC NORTHWEST**
 bi Rockwood et al, USDA TB 928, 18 p, 1947
- MEROMYZA SALTATRIX (L) - PACIFIC NORTHWEST**
 bi Rockwood et al, USDA TB 928, 18 p, 1947
- MERTILA MALAYENSIS Dist**
 Swezey, Hawaiian Ent. Soc P. 12 367, 1945.
- MESAMIA Ball - MEXICO**
 ni DeLong & Hershberger, Ent. Soc. Amer. Ann. 40:257-265, 1947.
- MESOCHORINAE**
 Townes, Amer. Ent. Soc. M. 11, Pt 2: 748-756, 1945.
- MESOCHORUS sp.**
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins Surv R. f. 1946:12-13, 1947.
- MESOCOELUS SAMOANUS (Fullaw.)**
 Fullaway, Hawaiian Ent. Soc. P. 12: 474, 1946.
- MESOGRAMMA MARGINATA (Say)**
 Arnason, Can. Ins. Pest Rev. 25:22, 1947.

MESOLEIINAE

Townes, Amer Ent Soc M 11, Pt 2 480-536, 1945

MESOLEIUS AULICUS (Grav)

DeGryse, For Ent in Can. 4, 1947

Gardiner, Can Min Agr R f 1945/46 74, f 1946/47 93

Graham, in Ont Dept Agr Div Ent Parasite Invest Unit, Control For Ins Prov Ont by Introd Ins Parasites 18-22, 1947

Leech, Can Ins Pest Rev. 25 67, 1947

Lejeune, Can Dept Agr Div Ent For Ins Surv. R f 1945 49, 1946

Lejeune, Can Ent 79 132-133, 1947

McGuffin & Barker, Can Dept Agr Div Ent For Ins Surv R f 1946 61, 1947

Paquet, Quebec Min Lands & For R f 1943/44 94, 1945

Reeks et al., Can Dept Agr Div Ent For Ins Surv R f 1944 7, 1945, f 1945 9, 1946

MESOLEIUS TENTHREDINIS Morley. see MESOLEIUS AULICUS (Grav)

MESOSTENUS DISCOIDALIS Cress, see MESSATOPORUS DISCOIDALIS (Cress)

MESOSTENUS GRACILIS Cress. Jaynes & Marucci, J Ec Ent 40 11, 1947

MESOTHRIPS Zimm.

Watson, Fla Ent 28 35, 1945

MESSATOPORUS DISCOIDALIS (Cress) Rau, Ent News 57 195, 1946

METAGONISTYLUM MINENSE Towns (AMAZON FLY)

Bartlett, P R (Mayaguez) R f 1944 27, 1945

Ingram, Sugar J 9(11) 10, 1947

Plank & Bartlett, P R (Mayaguez) R f 1945.39, 1946.

Scaramuzza, in Cuba Min Agr Estac Expt Caña de Azúcar (Havana),

Caña de Azúcar en Cuba 546, 1946

METALEUROIDICUS CARDINI (Back)

Wolfenbarger, Fla R f 1946/47:248.

Wolfenbarger, Fla St Hort Soc P 60 167-168, 1947

METALLUS ROHWERI MacG (BLUE-BERRY LEAF MINER)

Mills & Dewey, N. Y. (C) Ext B 306 rev 15-16, 1946.

Ross, Can. Ins. Pest Rev 24.47, 1946

Thompson, Ont Dept Agr. B. 355 rev 33, 1947

METALLUS RUBI FORBES. see METALLUS ROHWERI MacG

METAMASIVUS SERICEUS (Oliv.) (SILKY CANE WEEVIL)*

1 Scaramuzza, in Cuba Min Agr. Estac Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 546, 550, 1946.

METAPHYCUS ALBERTI (How.) - EGGS & LARVAE

Maple, Cal. Univ. Pub. Ent. 8:94-95, 1947.

METAPHYCUS FLAMMEUS Comp. n Compere, Cal. Univ. Pub. Ent. 8:13, 1947

METAPHYCUS FLAMMEUS - EGGS & LARVAE

1 Maple, Cal Univ Pub Ent 8 95, 113, 1947.

METAPHYCUS HELVOLUS (Comp)

Condit, Cal Ext C 135 32, 1947

Ewing, Sci Digest 17(2) 66, 1945

Fullaway, Hawaii Bd. Commrs Agr & For Bien R f 1943/44 55, 1945

Parker et al., Man for Cit Grow ed 3 53, 1947

Pickett et al., Sci Agr 26 595, 597, 1946

Ryan, Los Angeles Co Cal Agr Commr R f 1944 45 8, f 1945/46 18

Smith, Cal Citrog 31 415, 452, 1946

Smith et al., Cal Dept Agr B 34 93-94, 1945

Steinweden, Cal Dept Agr B 34 181, 1946

METAPHYCUS HELVOLUS & ANTS

Kendall, Cal Citrog 31 337, 355, 1946

METAPHYCUS HOWARDI (Ckll)

Compere, Cal Univ Pub Ent 8 12, 1947

METAPHYCUS HOWARDI - EGGS & LARVAE

1 Maple, Cal Univ Pub Ent 8 95-97, 1947

METAPHYCUS LOUNSBURYI (How) - EGGS & LARVAE

1 Maple, Cal Univ Pub Ent 8 97-99, 1947

METAPHYCUS LUTEOLUS (Timb)

Lewis, Cal Citrog 32 33, 1946

METAPHYCUS LUTEOLUS - EGGS & LARVAE

1 Maple, Cal Univ Pub Ent 8 96, 99-100, 1947

METAPHYCUS MELANOSTOMATUS (Timb) - EGGS & LARVAE

1 Maple, Cal Univ Pub Ent 8 96, 100, 1947

METAPHYCUS STANLEYI Comp

Flanders, J Ec Ent 38 712, 1945.

METAPHYCUS TIMBERLAKEI (Ishii) - EGGS & LARVAE

Maple, Cal Univ Pub Ent 8 101-102, 1947

METAPLAGIA BREVICORNIS Brooks

n Brooks, Can Ent 77:81-82, 1945

METASYRPHUS sp

Hoffmann, J Ec Ent 38 377, 1945

METASYRPHUS WIEDEMANNI (Johns)

Lange, Spreckels Sugar Beet Bul 11 8, 1947.

METASYRPHUS WIEDEMANNI - PLASTIC MODEL

1 Olsen & Davies, N Y Ent. Soc. J 55.107-113, 1947

METATETRANYCHUS ULMI (Koch). see PARATETRANYCHUS PILOSUS (Can & Fanz)

METEORUS sp.

Clark, USDA EPQ Ins Pest Surv Sp. Sup. (1945, No 3)-2.

- METEORUS** sp near **TRACHYNOTUS**
Vier
Wilkes & Anderson, Ent Soc Ont R
77 43, 1947.
- METEORUS LAPHYGMAE** Vier
Pemberton, Hawaiian Sugar Planters'
Assoc R. 64, Expt. Sta. R. f
1943/44:18-19, 1945
Swezey, Hawaiian Ent Soc P. 13:5,
1947
Van Zwaluwenburg, Hawaiian Plant-
ers' Rec. 50:15, 1946
Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt Sta R f
1944/45:19, 1946.
- METEORUS NIGRICOLLIS** Thoms.
Clark & Jones, USDA EPQ Ins Pest
Surv. Sp Sup (1946, No 3) 4
- METEORUS TRACHYNOTUS** (Vier)
Wilkes & Anderson, Ent Soc. Ont R.
77:41-42, 1947
- METEORUS VERSICOLOR** (Wesm.)
Rimmond, Can Ins Pest Rev 24
125, 1946
- METEORUS VULGARIS** (Cress.)
Tissot, Fla R. f 1944/45 64
- METEPEIRA FOXI** Gertsch & Ivie
Fautin, Ecol. Monog 16 264, 287, 1946
- METEPHESTIA SIMPLICULA** (Zell.)
Myers, USDA EPQ Ins Pest Surv Sp
Sup (1947, No 1) 4
- METIOCHE** sp
Rosa, Hawaiian Ent. Soc. P 12 489,
1946
Williams, Hawaiian Ent Soc P 12
480, 1946
Williams, Hawaiian Sugar Planters'
Assoc R 65, Expt Sta R f
1944/45:18, 1946
- METIOCHE VITTATICOLLES** (Stål)
Van Zwaluwenburg, Hawaiian Plant-
ers' Rec 50 14, 1946
Williams, Hawaiian Ent Soc. P 13
29-30, 1947
- METOPHNAE**
Townes, Amer Ent Soc M 11, Pt.
2 570-588, 1945
- METOPONIUM ABNORME** (Lec.)
Konkright & Lange, Cal. C. 365 33-34,
1946
- METRIONA BIVITTATA** (Say), see
AGROICONOTA BIVITTATA (Say)
- ***MEXICAN BEAN BEETLE**, see **EPI-
LACHNA VARIVESTIS** Muls.
- MEXICAN CHICKEN BUG**, see **HAE-
MATOSIPHON INODORUS** (Dugès)
- ***MEXICAN FRUIT FLY**, see **ANASTRE-
PHA LUDENS** (Loew)
- MEXICAN JUMPING BEAN**, see **GRAPH-
OLITHA SALTITANS** (Westw.)
- ***MEXICAN MEALYBUG**, see **PHENA-
COCCUS GOSSYPHII** Towns & Kkll.
- MEXICAN WAX SCALE**, see **CEROPLAS-
TES CERIFERUS** (Anders.)
- MEZIUM AMERICANUM** Cast. - **SPRAYS**
- DDT
Gerberg, J. Ec. Ent. 39:676, 1946.
- MICHOACAN FEVER**, see **RHIPICEPHA-
LUS SANGUINEUS** & **MICHOACAN
FEVER**
- MICRACIS SWAINEI** BLACKM
i Beal & Massey, Duke Univ School
For B 10:98, 1945
- MICRACISELLA OPACICOLLIS** (Lec.)
i Beal & Massey, Duke Univ. School
For B 10:99-100, 1945
- MICRAPATE LABIALIS** Lesne
Williams, Hawaiian Ent Soc P 13 5,
1947.
- MICROBEMBEX MONODONTA** (Say)
Fattig, Emory Univ Mus B No 4-5,
1946.
- MICROBRACON** Ashm - **CELL SIZE**
Rismon, Genetics 30(1) 18, 1945
(Abs.)
- MICROBRACON** - **CHROMOSOMES**
b Whiting, Biol B 89 61-71, 1945
- MICROBRACON** - **SEX** - **INTERSEXES**
bi Whiting, Biol. Bul 91 243-246,
1946
- MICROBRACON** - **SEX ALLELES**
b Bostian & Whiting, Amer. Nat 80
547-558, 1946
Whiting & LeFevre, Anat Rec 94:
413, 1946 (Abs.): 96 578, 1946
(Abs.)
- MICROBRACON** - **X-RAYS**
b Heidenthal, Genetics 30 197-205,
1945
b Whiting, Biol B 89 61-71, 1945.
bi Whiting, Amer Nat 79 193-227,
1946.
Whiting, Genetics 31 235-236, 1946
(Abs.)
Whiting & George, Biol Bul 91 214,
1946 (Abs.)
- MICROBRACON** sp
Baker & Doucette, Wash B 470:149,
1945
- MICROBRACON BREVICORNIS** (Wesm.)
Arbuthnot et al., USDA EPQ Ins Pest
Surv Sp Sup (1947, No. 6). 4
Clark & Jones, USDA EPQ Ins Pest
Surv. Sp. Sup (1946, No. 3) 4
- MICROBRACON CEPHI** Gahan
Manson, Can. Ins. Pest Rev 25:23-
24, 1947
- MICROBRACON GELECHIAE** (Ashm.)
Beacher, Ent. Soc. Amer. Ann. 40:
533, 539, 543, 1947.
- MICROBRACON HEBETOR** (Say)
Bare et al., USDA EPQ ET-247:4,
1947
Cotton, Pest Control & Sanit. 2(12):
22, 1947.
Donohoe, Pests 14(9):32, 1946.
Stuckey, Ga. R. 57:61, 1945.
- MICROBRACON HEBETOR** - **ANDRO-
GENETIC MALES**
Whiting, Anat. Rec. 96:507-508, 1946.
(Abs.)
Whiting, Science 103:219-220, 1946.
Whiting, Sci. News Let. 49:153, 1946.
Whiting, Biol. Bul. 93:200-201, 1947.
(Abs.)
- MICROBRACON HEBETOR** - **BODY
SIZE & APPENDAGE SIZE**
Grosch, Elisha Mitchell Sci. Soc. J.
63:106-107, 1947. (Abs.)
- MICROBRACON HEBETOR** - **EYES** -
COLOR
bi Vilee, Genetics 32:277-285, 1947.

- MICROBRACON HEBETOR - GENETICS**
 bi Martin, Introd. to Genet. of Habro-
 bracon Juglandis Ashm., 205 p.,
 1947
 b Martin, Pa. Acad. Sci. P. 21 32-35,
 36-45, 1947.
 b Schaefer, Amer. Nat. 79 509-522,
 1945
- MICROBRACON HEBETOR - INTER-
 SEXES**
 bi Whiting, Biol. Bul. 91:243-246,
 1946.
- MICROBRACON HEBETOR - MORTAL-
 ITY FACTORS**
 b Grosch, Growth 9 1-7, 1945.
- MICROBRACON JUGLANDIS** Ashm., see
MICROBRACON HEBETOR (Say)
- MICROBRACON MELLITOR** (Say)
 Satterthwait & Swain, J. Ec. Ent. 39
 578, 1946
 Wallace, Conn. B. 488:389, 1945
- MICROBRACON MEROMYZAE** (Gahan)
 Rockwood et al., USDA TB 928-15,
 1947
- MICROBRACON NUPERUS** (Cress)
 Satterthwait & Swain, J. Ec. Ent. 39
 578, 1946
- MICROBRACON PUNCTATUS** Mues.
 Wylie, Fla. St. Hort. Soc. P. 59 89,
 1946
- MICROBRACON PYGMAEUS** (Prov.)
 Beacher, Ent. Soc. Amer. Ann. 40
 533-536, 539, 543, 1947
- MICROBRACON SANNINOIDEAE** Gahan
 Wallace, Conn. B. 488:389, 1945
- MICROBRACON VESTITICIDA** Vier
 Annand, USDA EPQ R. f. 1945/46 22,
 24
 Berry, J. Ec. Ent. 40:801-804, 1947.
- MICROCALLIPHORA VARIPES** (Macq.)
 (SMALL GREEN BLOWFLY) &
 MYIASIS
 James, USDA Misc. Pub. 631 69, 1947
- MICROCENSTRUM TRIANGULATUM**
 Brunn
 Martorell, P. R. Univ. J. Agr. 29 357,
 1945
- MICROCHRYSA POLITA** (L.)
 Fronk, Va. TB 108 10, 1947.
- MICROCLYTUS GAZELLULA** (Hald.)
 i Knoll, Ohio Biol. Surv. B. 39:224-
 225, 1946.
- MICROCRYPTUS BASIZONIUS** Grav., see
CUBOCEPHALUS BASIZONIUS
 (Grav.)
- MICROCRYPTUS SUBGUTTATUS** Grav.,
see **CUBOCEPHALUS SUBGUT-
 TATUS** (Grav.)
- MICRODUS PUMILUS** (Ratz.), see **AGA-
 THIS PUMILUS** (Ratz.)
- MICROGASTER** sp.
 Wilkes & Anderson, Ent. Soc. Ont. R.
 77 43, 1947.
- MICROGASTER CANADENSIS** Mues.
 Smith, Acadian Nat. 120, 1946.
- MICROGASTER ECDYTOLOPHAE** Mues.
 Brett, J. Agr. Res. 73:84, 1946.
 Jaynes & Marucci, J. Ec. Ent. 40:11,
 1947
- MICROGASTER PERONEAE** Wally
 Reeks et al., Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1946:12, 1947.
- MICROGASTER TIBIALIS** Nees
 Arbuthnot et al., USDA EPQ Ins. Pest
 Surv. Sp. Sup. (1947, No. 6) 4.
 Clark & Jones, USDA EPQ Ins. Pest
 Surv. Sp. Sup. (1946, No. 3) 4
- MICROGOES OCULATUS** (Lec.)
 i Knoll, Ohio Biol. Surv. B. 39 235-
 236, 1946
- MICROLEPIDOPTERA**
 Darlington, Ent. News 56 70-74, 89-
 93, 1945
- MICROLYNCHIA PUSILLA** (Speiser) &
MALARIA, AVIAN
 Herman, Cal. Fish & Game 31(1) 22,
 1945
- MICROMYINI - NORTH AMERICA**
 bnk Pritchard, Ent. Amer. 27 1-87,
 1947
- MICROMYZUS VIOLAE** (Perg.) (VIOLET
 APHID)*
 bi Essig, Hilgardia 17 612-613, 1947
- MICROMYZUS VIOLAE & CALICO VI-
 RUS OF PANSIES**
 Severin, Hilgardia 17 585, 587, 1947
- MICROPLECTRON** Dahlb.
 Conklin, N. H. B. 363 42, 1945
 Lévesque, For. Québécoise 11 532-
 533, 1946
- MICROPLECTRON FUSCIPENNIS**
 (Zett.), see **DAHLBOMINUS FUS-
 CIPENNIS** (Zett.)
- MICROSANIA ZETT** (SMOKE FLIES)
 b Kessel, Wasmann Collector 7 23-
 30, 1947
- MICROSANIA OCCIDENTALIS** Mall. -
 ATTRACTANTS - SMOKE
 Weiss, N. Y. Ent. Soc. J. 55 146, 1947
- MICROTHERYS CLAUSENI** Comp. -
 EGGS & LARVAE
 Maple, Cal. Univ. Pub. Ent. 8 102,
 1947
- MICROTHERYS FERRUGINEUS** (Nees) -
 EGGS & LARVAE
 i Maple, Cal. Univ. Pub. Ent. 8 97,
 102, 1947
- MICROTHERYS FLAVUS** (How.) - EGGS
 & LARVAE
 i Maple, Cal. Univ. Pub. Ent. 8 98,
 102-103, 1947
- MICROTHERYS MASII** Silv. - EGGS &
 LARVAE
 i Maple, Cal. Univ. Pub. Ent. 8 101,
 103, 1947
- MICROTHERYS SAISSETIAE** Comp. -
 EGGS & LARVAE
 i Maple, Cal. Univ. Pub. Ent. 8 79,
 103-104, 1947
- MICROTHERYS SPECIOSUS** Ishii - EGGS
 & LARVAE
 Maple, Cal. Univ. Pub. Ent. 8 104,
 1947.
- MICROVELIA VAGANS** White - PREDA-
 TORS
 Williams, Hawaiian Ent. Soc. P. 13-
 10, 1947.
- MICROWEISEA MISELLA** (Lec.)
 Brann, Cornell Univ. Abs. Theses f.
 1944:146, 1945
 Brann, N. Y. (G.) R. 64 32, 1946.
- MIDGES - HOUSE PLANTS**
 Godfrey, Can. Dept. Agr. Pub. 798
 (FB 145):13, 1947.

MIDGES - TOBACCO

Conner & Kulash, N. C. Ext. C. 299-5, 1947.

Nettles et al., S. C. Ext. B. 109:28-29, 1947

MILITARY ZONES - INSECT CONTROL, see FLEAS - CONTROL - MILITARY ZONES, FLIES - CONTROL - MILITARY ZONES; INSECTS - CONTROL - MILITARY ZONES, LICE - CONTROL - MILITARY ZONES, MOSQUITO CONTROL - MILITARY ZONES, TICKS - CONTROL - MILITARY ZONES

MILKY DISEASE OF INSECTS, see DISEASES OF INSECTS - BACTERIAL - MILKY DISEASE

MILL INSECTS

Smutny, Assoc. Oper. Mill. B., May 1946:1510-1511

MILL INSECTS - CONTROL

Cotton, Northw Mill Mill Prod Sect. 222(2):3a-4a,8a-10a, 1945

1 Cotton et al., USDA C 720,75 p., 1945

Dodds, Amer. Mill. 73(4):50,54,58,64, 1945

Durham, Mod Mill 73(18):15; Northw Mill Mill. Prod Sect. 226(11):5a, 27a, 1946

Durham, Pests 14(7):38,40, 1946.

1 Durham, Amer. Mill 75(4):41-44,46, 1947

Durham, Assoc. Oper. Mill B., Oct. 1947:1625-1626

Luedemann, Assoc. Oper. Mill B. Jan 1946-1489-1490

Peters, Northw Mill Mill. Prod Sect 231(11):3a,6a,10a, 1947

Smallman, Can. Grain J 3(2) 17-18, 1947.

Wagner, Amer. Mill 73(4) 63-64, 1945

Wagner, Northw Mill Mill. Prod

Sect 229(6):11a-12a, 1947

Winburn, Northw Mill Mill Prod

Sect 231(2):10a-11a,14a-15a, 1947

MILL INSECTS - CONTROL - ASPIRATING

Dodds, Amer. Mill 74(4):46,66-67,

MILL INSECTS - CONTROL - ELECTRONIC STERILIZATION

1 Amer. Mill. 73(4):43,48, 1945

MILL INSECTS - CONTROL - U S ARMY

1 Slepicka, Amer. Mill 73(4):42,92, 1945

MILL INSECTS - ENTOLETER

1 Cotton, Northw. Mill. Mill. Prod Sect. 222(2):4a,8a, 1945.

1 Cotton et al., USDA C 720:60, 1945.

Dodds, Assoc. Oper. Mill. B. Nov. 1945:1470-1472.

Dodds, Amer. Mill. 73(4):50,54,58, 1945, 74(4):46,66-68, 1946.

MILL INSECTS - FRAGMENT PROBLEM

1 Cotton et al., USDA C. 720-60-63, 1945.

Dodds, Assoc. Oper. Mill. B., Nov. 1945:1470-1472.

1 Dodds, Amer. Mill. 74(4):46,66-68, 1946.

MILL INSECTS - FRAGMENT PROBLEM--Continued

1 Harris, Amer. Mill. 74(4):41-42, 1946.

Johnson, Assoc. Oper. Mill B Dec 1945,1481-1482, 1945

Smallman, Wallerstein Lab Commun 8:164, 1945

Smallman, Can. Grain J 3(2) 17-18, 1947

Wagner, Northw Mill Mill. Prod Sect 226(2):3a,8a, 1946.

Wagner, Amer. Mill. 75(4) 46,54, 1947

MILL INSECTS - FUMIGANTS

Annand, USDA EPQ R. f 1944/45 21, f 1946/47 10

Chapman, Amer. Mill 73(4) 48, 1945, 75(4):60,62, 1947

1 Cotton & Walkden, Agr. Chem 1(8) 35,37-38, 1946, 2(1):33,35, 1947

1 Dawson, Amer. Mill 73(6) 41-42,81, 1945

Johnson, Amer. Mill 73(4) 59,61-62, 1945; 74(4):48,63, 1946, 75(4) 62, 64, 1947

Plummer, Amer. Mill 75(4):58,60, 1947

MILL INSECTS - INSECTICIDES

Balzer & Cotton, USDA FB 1906 rev : 23-24, 1947

Durham, Assoc. Oper. Mill B., May 1946 1509.

Richards, Assoc. Oper. Mill B., Feb 1947:1578-1579

MILL INSECTS - SANITATION

1 Skovholt & Hanschka, Baker's Wkly 130(6) 45-46, 1946.

Wagner, Assoc. Oper. Mill. B., Aug 1947 1610-1611

MILL INSECTS - SANITATION - FEDERAL FOOD & DRUG ACT

Garrett, Assoc. Oper. Mill B., Oct 1947 1622-1624

Hoffman, Assoc. Oper. Mill. B. Mar. 1946 1498-1500, 1946

MILLIPEDES

Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:65, 1946

Smith et al., Kans. Ent. Soc. J. 20: 54-55, 1947

1 Westcott, Home Gard. (N. Y.) 7(1): 46-47, 1946.

Wressell, Can. Ins. Pest Rev 24:57, 60, 1946.

MILLIPEDES - GEORGIA

1 Chamberlin, Ent. News 57:149-152, 1946.

MILLIPEDES - POISON BAIT

Sherwood & Bishop, W. Va. Ext. C. 325 rev.:14, 1945.

Wildon, Mich. Sp. B. 222 rev.:22, 1946.

MI LO MAIZE INSECTS, see SORGHUM INSECTS

MIMETIDAE - PANAMA

Chickering, Anat. Rec. 94:415, 1946. (Abs.)

*MIMOSA WEBWORM, see HOMADAULA ALBIZZIAE (Clarke)

- MIMOSESTES DOMINICANUS** (Jekel)
Martorell, P. R. Univ. J Agr 29
446, 1945.
- MINDARUS ABIETINUS** Koch (**BALSAM
TWIG APHID**)
Atwood, Can. Dept. Agr. Div. Ent.
For Ins. Surv. R. f. 1944 32, 1945
Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For Ins. Surv. R. f. 1946
46, 1947.
Peterson, Can. Dept. Agr. Div. Ent.
For Ins. Surv. R. f. 1945 56, 1946
Peterson, Can. Ins. Pest Rev 24
107, 1946
Peterson & Bradley, Can. Ins. Pest
Rev 25 52, 1947
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For Ins. Surv. R. f.
1946 70, 1947
- MINEOLA VACCINII** (Riley) (**CRAN-
BERRY FRUITWORM**)
Beckwith, N. J. Dept. Agr. C 356 44,
1945
Beckwith, USDA FB 1951 rev. 34-35,
1946
Cannon, Can. Ins. Pest Rev 24 12,
1946
Chambers, Wis. Dept. Agr. B 274 80,
1946
Crowley, Wash. B 470 92-93, 1945
Maxwell, Can. Ins. Pest Rev 24 24,
1946
Maxwell & Cannon, Can. Ins. Pest
Rev 25 92, 1947
Patterson & Neary, Can. Ins. Pest
Rev 24 16, 1946
- MINEOLA VACCINII** - **BLUEBERRIES**
1. Bayer, N. C. R. 68 54-55, 1945
1. Fulton, J. Ec. Ent. 39 306-308, 1946
- * **MINING SCALE**, see **HOWARDIA BI
CLAVIS** (Comst.)
- MINK** - **DIPS**
Joyce, Natl. Fur News 17[i.e. 18](4) 7,
21, 1946
- MINK** - **PESTS** - **INSECTICIDES** - **DDT**
Kingscote, Black Fox Mag. 30(6) 20,
46, 1946
1. Kingscote, Fur Trade J. Can. 24(1)
16, 54, 1946
- MINT FLEA BEETLE**, see **LONGITAR-
SUS WATERHOUSEI** Kutsch
- MINT INSECTS**
Besse, Oreg. C. Inform. 353:32, 1945
1. Thompson, Oreg. C. Inform. 384,
5 p., 1946
- MINTHO ALGIRA** (Macq.) & **MYIASIS**
James, USDA Misc. Pub. 631 163-
164, 1947
- MINTHOZELIA** Towns - **UNITED
STATES**
1. Reinhard, Kans. Ent. Soc. J. 19-
52-59, 1946.
- MIRANDA** Koch
1. Abbott, Fauna 7-14-15, 1945.
- MIRANDA AURANTIA** (Lucas), see **AR-
GIOPE AURANTIA** Lucas
- MIRIDAE**
Annand, USDA EPQ R. f. 1945/46:7.
Goble, Can. Ins. Pest Rev. 25:18,
1947.
Krone et al., Mich. Ext. B. 4 rev.:82,
1945.
- MIRIDAE & SEED PRODUCTION** -
ALFALFA
b. Sorenson, Mirid-bug Injury as a
Factor in Declining Alfalfa-seed
Yields, 26 p., 1946
- MIRIS DOLABRATUS** (L.) (**MEADOW
PLANTBUG**)
Cooper, Ky. R. 57 23, 1945, 58 34,
1946, 59-35, 1947
Jardine et al., USDA OES R. f.
1943/44 47-48, 1945
bi Jewett & Townsend, Ky. B. 508 3-
8, 15-16, 1947
- MIRIS FERRUGATUS** Fall
Knowlton, J. Ec. Ent. 40 428, 1947
- MISTHARNOPHANTIA** Kirk
1. Doering & Shephard, Kans. Ent.
Soc. J. 19 111-127, 1946
- MISUMENA CALYCINA** (L.)
1. Smith, Nature Mag. 39 304, 1946
- MISUMENA VATICIA** Emerton, see **MI-
SUMENA CALYCINA** (L.)
- MISUMENOPS CELER** (Hentz)
Fautin, Ecol. Monog. 16 264, 267, 1946
- MITES**
Arnason et al., Can. Ins. Pest Rev.
25 98, 1947
1. Cameron, Parasites of Man ed. 2
120-125, 1946
1. Mallis, Handb. of Pest Control 435-
441, 1945
Manson & Arnason, Can. Ins. Pest
Rev. 25 122, 1947
1. Nishida & Holdaway, Hawaii Farm &
Home 8(3) 20, 31, 1945
Philip & Woodward, J. Parasit. 32
512, 1946
Sturtevant, Can. Ins. Pest Rev. 25 45,
1947
U. S. War Dept. TB MED 184 6, 1945
- MITES**, see also **RED SPIDERS**
- MITES** - **CULTURE MEDIA** - **BARRIERS**
bi Snyder & Hansen, Mycologia 38
455-462, 1946
- MITES** - **DISEASES, FUNGUS**
1. Hutchison, Sci. Month. 63 169, 1946
- MITES** - **DUSTS**
Dove, USDA EPQ E-673 11-12, 1945
1. Knecht, Begonian 12 125, 1945
Roberts, Lower Rio Grande Val. Cit.
& Veg. Inst. P. 172-73, 1946
U. S. Pub. Health Serv., Off. Sanit.
Pan. Amer. B. 26 774, 1947
- MITES** - **EGGS**
bi Farmer, Ent. Soc. Wash. P. 48 32-
34, 1946
- MITES** - **GRAIN**, see **GRAIN MITES**
- MITES** - **INSECTICIDES**
Annand, USDA EPQ R. f. 1944/45 11,
f. 1945/46 2, 14, f. 1946, 47-10-12
b. Bayne-Jones, R. I. Med. J. 30-429-
430, 1947
Jachowski & Schultz, U. S. Navy
BUMED News Let. 10(1)-20-21,
1947
Jardine et al., USDA OES R. f.
1944/45-57.
Knipling, USDA YB f. 1943/47 640-
641
Neiswander, Ohio Veg. & Potato Grow.
Assoc. P. 32-142-147, 1947

MITES - INSECTICIDES--Continued

i Snyder et al., USDA EPQ E-733-9-10,17-18,20-235, 1947.

Stage & Knipling, Reunion Interamer. del Tifo Pub. Ofic. 1.282-283, 1947

i Poult. Council St. Col. Wash., Wash. Ext. B. 370 (Poult. Pointers 34):6-10, 1947

MITES - INSECTICIDES - DDT

Bishopp, Amer. J. Pub. Health 36:605, Pests 14(8):28, 1946.

Childs, Amer. Fruit Grow. 66(2):30, 40, 1946.

Cutright, Amer. Fruit Grow. 66(2):24, 1945

Hadley & Fleming, USDA EPQ E-645 5,7, 1945

Harman, N. Y. (G.) Farm Res. 12(2) 3, 1946

Hough, Peninsula Hort. Soc. Trans. 59,20, 1946

Jeppson, Cal. Citrog. 31.126, 1946

Plummer, East. Fruit Grow. 9(6) 6, 10,40, 1946

Rice & Stearns, Peninsula Hort. Soc. Trans. 59-26,28-29, 1946

Taggart, Cornell Vet. 36.165, 1946.

Trullinger et al., USDA OES P. f. 1945/46:108-109, 1947.

Woodside, Va. Fruit 34(3).14,16,18, 1946.

MITES - ORCHARD, see ORCHARD MITES

MITES - POPULATIONS - MEASUREMENT

bi Newell, J. Ec. Ent. 40 683-689, 1947

MITES - PREDATORS

Buchanan, Wash. B. 482.42, 1946

Park, Sci. Month. 65:33, 1947

MITES - REARING

Wharton & Carver, Science 104:76-77, 1946

MITES - REPELLENTS

Fluno et al., J. Ec. Ent. 39:810-811, 1946

b Simmons, Adv. Int. Med. 2 237-238, 1947

Stilson, Amer. Waterworks Assoc. J. 38:629, 1946.

Travis & Morton, USDA EPQ E-698, 6 p., 1946

USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:64-68, 1946.

MITES - SPRAYS

Alicata et al., J. Ec. Ent. 40:922-923, 1947.

Alp & Pilchard, Ill. Ext. C. 452 rev. 30, 1946.

Chandler, Ill. St. Hort. Soc. Trans. 80: 182-183, 1947.

Childs et al., Oreg. Ext. B. 664:2, 1946.

Gannon, Ga. Ext. B. 524:23-24, 1945.

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[16], 1946.

Hough & Underhill, Va. R. f. 1946/47: 29-30.

List, West. Colo. Hort. Soc. Trans. f. 1946:140, 1947.

Newton, West. Colo. Hort. Soc. Trans. f. 1945:15,17, 1946.

MITES - SPRAYS--Continued

Overley, Wash. B. 470:87, 1945.

Peterson, Peninsula Hort. Soc. Trans. 60:82-83, 1947

Ritcher, Ky. Fruit Notes 3(3):1, 1946.

Robertson, B. C. Dept. Agr. R. 41: W76, 1947

Stanley, Tenn. Hort. 25(1):3-4, 1947.

Webster et al., Wash. B. 470 37, 1945.

Whitehead & Bewick, Okla. Acad. Sci. P. 27:42-45, 1947

Wash. Ext. B. 279 rev. 13-15, 1947.

MITES - SPRAYS - DDT

Baker & Porter, USDA EPQ E-637 6, 1945.

Borden, Oreg. St. Hort. Soc. R. 37. 21-24, 1945.

Chandler, Ill. Fruit Exch. News 10(9) 4, 1946

Chandler, Ill. St. Acad. Sci. Trans. 39:133-134, 1946.

Childs, Wash. St. Hort. Assoc. P. 42: 50-51, 1946

i Childs, Amer. Fruit Grow. 67(8) 21,44-45, 1947

Childs, Oreg. St. Hort. Soc. P. 39 67, 1947

Dean, N. Y. St. Hort. Soc. P. 91 208-209, 1946

Driggers, J. Ec. Ent. 39:183, 1946

Flebut et al., Rocky Mountain Conf. Ent. R. 18:7-8, 1947

Graham, Md. St. Hort. Soc. P. 48 17, 1946.

Hough, Amer. Fruit Grow. 66(2).17, 35-36, 1946.

Hough, Md. St. Hort. Soc. P. 48 12-13, 1946

McDaniel, Tenn. Hort., Aug. 15, 1946. 5-6.

Marshall, Wash. St. Hort. Assoc. P. 42:66,68-70, 1946

Newcomer, Wash. St. Hort. Assoc. P. 42 55,57, 1946

O'Neill, Agr. Chem. 2(6):71, 1947.

O'Neill & Lipovsky, Wash. St. Hort. Assoc. P. 42:63-65, 1946

O'Neill et al., Wash. St. Hort. Assoc. Proc. 41:27-32, 1945.

Porter, Amer. Fruit Grow. 67(8):15, 1947

Rice & Stearns, Del. B. 263:24, 1947.

Steiner et al., Va. Fruit 33(3):8, 1945; 34:144-145, 1946.

Still, Ohio St. Hort. Soc. P. 100:150-151, 1947.

Telford & Guthrie, Agr. Chem. 1(3): 30-31, 1946.

MITES - SPRAYS - DDT & HYDROXY-PENTAMETHYLFLAVAN

Bourne & Whitcomb, Mass. B. 441:33, 1947.

MITES - SPRAYS - DDT MIXTURES

Garman & Townsend, Conn. R. 512: 76-78, 1946.

Robinson, Oreg. C. Inform. 412:3, 1947.

W. Va. Agr. Expt. Sta. & USDA EPQ, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[8-13], 1946.

MITES & ANIMAL DISEASE

i Hutyra et al, Sp. Path & Ther of the Dis of Dom Anim Eng ed 5, v 3:609-681,690-695, 1946

MITES & ANIMAL DISEASE, see also MANGE

MITES & ANIMAL DISEASE - ACARIASIS

Bushnell & Hummon, Amer Fur Breed 18(2) 36, 1945

MITES & ANIMAL DISEASE - RICKETTSIAL DISEASE OF VOLES

bi Baker, J Expt Med 84 46-49, 1946

MITES & DISEASE

Archer, Ala Acad Sci J 18 65, 1946 (Abs)

Boyd, Prev Med ed 7 308,310, 1945
Gershenfeld, Bact & All Subjects 372-374, 1945

Hull, Dis Transmitted from Anim to Man ed 3 268-269,423-425, 1947
Simmons, Adv Int Med 2 258-259, 1947

MITES & DISEASE - ACARIASIS

bi Crance, J Urology 56 588-593, 1946

bi Sar, Amer Rev Tuberc 53 440-446, 1946

MITES & DISEASE - ALLERGY

U S Navy BUMED News Let 8(8) 9, 1946

MITES & DISEASE - ENCEPHALITIS

Hammon et al, J Expt Med 83 182, 1946

MITES & DISEASE - ENCEPHALOMYELITIS, EQUINE

Hammon & Reeves, J Expt Med 83 163-173, 1946

MITES & DISEASE - SCABIES, see SCABIES

MITES & DISEASE - TSUTSUGAMUSHI DISEASE, see MITES & DISEASE - TYPHUS, SCRUB

MITES & DISEASE - TYPHUS

Stage & Knipping, Reunion Interamer del Tifo Pub Ofic 1 282-284, 1947

MITES & DISEASE - TYPHUS, SCRUB

b Bayne-Jones, R. I Med J 30 423-425,429-430, 1947

Bishop, Amer J Pub Health 35 375, 1945

Fischbach & Howell, U S Nav Med B 45 423-428, 1945

Rotkow, Iowa St. Med Soc J 36-101, 1946

bi Wharton, Ent Soc. Wash. P 48 171-178, 1946

U S. Navy BUMED News Let 7(7)-16, 1946

MITES AS HOSTS OF SHEEP TAPEWORM

bi Runkel & Kates, Helminth. Soc. Wash. P. 14:64-67, 1947.

MITES ON BIRDS

i Berry, Nature Mag. 38:303-304, 1945.

Coffin, Man. Vet Clin. Path. rev.:61, 1945.

Schlesselman, All-Pets Mag. 16(16): 11-12, 1945.

MITES ON CATS

Gay, How to Live with a Cat:139-142, 1946

MITES ON CATTLE

i Baker, N Y St Vet Col Vet Expt Sta Parasit Lab, Barn Itch,36 p, 1946

Miller, USDA BAI R f. 1944/45 39

Webster, Fort Dodge Bio-chem Rev 16(3) 7-8, 1946

MITES ON DOGS

Gonzales Alvarez, Vet Med 42 414-417, 1947

MITES ON DOMESTIC ANIMALS

Luttermoser, Pa Univ B 47(28) (School Vet. Med Vet Ext Quart 107) 69, 1947

MITES ON FOXES - "TAIL MITE"

Garlick, Can Silver Fox & Fur 11(9)-16, 1945

MITES ON FUR-BEARING ANIMALS - TAIL MITE

Garlick, Amer Fur Breed 18(5) 8, 10, 1945

MITES ON LIVESTOCK

Telford & Guthrie, Agr Chem 1(3) 30-31, 1946

MITES ON MINK

Bushnell & Hummon, Amer Fur Breed 18(2) 36, 1945

MITES ON MINK - "TAIL MITE"

Garlick, Can Silver Fox & Fur 11(9) 16, 1945.

Joyce, Amer Fur Breed 18(8) 22, 24,26-27, 1946, Black Fox Mag

29(12) 17,24-27, 1946

Joyce, Natl Fur News 17[i e 13](4) 7,21, 1946

MITES ON POULTRY

Alicata et al, Hawaii R f 1944,46: 74,98-99, 1947

Alicata et al, J Ec Ent 40 922-923, 1947

Alp & Pilchard, Ill. Ext C. 452 rev 30, 1946

i Byerly, Poult Farm 253-254, 1945.

Clandinin, Alberta Exi B 45 53-56, 1945

i Conn, Handy Poult Dis Man 79-82, 1947

Gannon, Ga Ext B 524 23-24, 1945

i Hixson & Ware, Okla Ext C 417 8-11, 1945

Ingram & Jones, La Ext C 258 rev 4-6, 1945

i Kaupp & Surface, Poult Sanit & Dis. Control ed 3 171-177,179, 1947

i King, Poult Handb for South Sts ed. 2 91-92, 1947

i Lecker & Lunn, Ind Ext Leaf 261: 4, 1945.

Mitchener, Manitoba Dept Agr & Immigr. Pub. 196 12, 1945.

Reed, Maine Ext. B. 306 rev 17, 1945.

i Seiden, Poult. Handb. 143-144,247, 312-313,324,348-349,365, 1947.

Trask, Conn. Ext B. 378-45-46, 1946.

i Winter & Funk, Poultry rev.:392-394, 1946

- MITES ON POULTRY**--Continued
 i Poul. Council St. Col. Wash., Wash.
 Ext. B 370 (Poult. Pointers 34):6-10,
 1947
- MITES ON RATS**
 Cole, U. S. Pub. Health Rpts 61:1478,
 1946
 Dove, USDA EPQ E-673:11-12, 1945
 bni Fox, J. Parasit. 32 445-452, 1946
 Rumreich, U. S. Pub. Health Rpts
 60:890,892, 1945
- MITES ON RATS - PUERTO RICO**
 Fox, Biol Soc Wash. P. 59 173-175,
 1946.
- MITES ON RATS - SURVEYS**
 b Cole & Koepke, U. S. Pub. Health
 Rpts Sup 202 25,30,33,35-36,38-40,
 44-45,50-51,54-58,62-63,66-71, 1947
- MITES ON SHEEP**
 Miller, USDA BAI R. f 1944/45 39
 Miller, Midwest Wool Grow News
 14(2) 10-11, 1945
 Webster, Fort Dodge Bio-chem Rev
 16(3):7-8, 1946
- MITES ON SQUIRRELS**
 Linsdale, Cal Ground Squirrel 302,
 1946
- MITES ON TURKEYS**
 Marsden & Martin, Turkey Mangt ed
 4 654-655, 1946
- MNEMOSYNE CUBANA Stål**
 Scaramuzza, in Cuba Min Agr. Estac
 Expt Caña de Azúcar (Havana).
 Caña de Azúcar en Cuba 538, 1946
- MOCIS REPANDA (F.)**
 Bruner & Deschappelles, Cuba (Santi-
 ago de las Vegas) C 84 11, 1946
 i Scaramuzza, in Cuba Min Agr.
 Estac Expt. Caña de Azúcar (Ha-
 vana), Caña de Azúcar en Cuba 540,
 554, 1946
 Scaramuzza, Inst. Cubano de Suelos y
 Abonos Inform. Téc. 5:837-838,
 1946.
- MOLE CRICKETS**
 Annand, USDA EPQ R. f 1943/44 47
 Kelsheimer, Fla. R. f 1944/45:118-
 119
 Kelsheimer, USDA EPQ Ins. Pest
 Surv. Sum. of Ins. Conditions in
 1944:12, 1945
 i U. S. War Dept. TM 5-632 (PB-2435).
 110-111, 1945.
- MOLE CRICKETS - INSECTICIDES**
 Kelsheimer, Fla. R. f 1945/46:111-
 112, f. 1946/47:125.
 i Kelsheimer, Fla. B. 434, 19 p., 1947
 Kelsheimer, Fla. PB 640,3 p., 1947.
 Mowry et al., Fla. R. f. 1946/47:118.
 Russell, Fla. R. f 1946/47:142.
 Wylie & Wilson, Fla. R. f. 1946/47:
 183.
- MOLE CRICKETS - POISON BAIT**
 Annand, USDA EPQ R. f. 1944/45:42-
 43; f. 1945/46:38.
 Clark et al., Fla. B. 435:11, 1947.
 Conner & Kulash, N. C. Ext. C. 299:
 4, 1947.
 Howard et al., USDA Misc. Pub. 526
 rev.:29, 1945.
- MOLE CRICKETS - POISON BAIT**--
 Continued
 i Nettles et al., S. C. Ext. B. 109 26-
 27, 1947
 Tob Ins Conf. Recom. Com. Recom.
 Control Tob Ins f 1948, Flue-
 Cured Tob 5, Cigar Tob 3-4, 1947
- MOLE CRICKETS - PARASITES**
 Watson & Bratley, Fla. R. f 1945, 46
 62
- MOMPHA ALBOPALPELLA (Chamb.) -**
 Arnason, Can. Ins. Pest Rev 25 119,
 1947
- MOMPHA SEXNOTELLA (Chamb.) -**
 GALLS
 Needham, N. Y. Ent. Soc. J. 53 259-
 261, 1945
- MONANTHIA MONOTROPIDIA Stål**
 Martorell, P. R. Univ. J. Agr. 29 418
 1945
- *MONARCH BUTTERFLY, see DANAUS**
PLEXIPPUS (L.)
- MONARTHROPALPUS BUXI Laboulb**
 (BOXWOOD LEAF MINER)*
 i Boyd, N. J. Dept. Agr. C. 355 71-72,
 1945
 Leaver, R. I. Dept. Agr. & Conserv.
 R. 11 40, 1946
 Phillips, Gard. Gossip 21(7) 18, 1946
- MONARTHROPALPUS BUXI - SPRAYS**
 Howard et al., USDA Misc. Pub. 526
 rev. 23, 1945
- MONARTHROPALPUS BUXI - SPRAYS -**
DDT
 Craighead & Brown, USDA EPQ
 E-649 6, 1945
 French, Gard. Gossip 21(3) 11, 1946
 French, Va. Dept. Agr. & Immigr. B.
 456 11, 1947.
 Phillips, Gard. Gossip 22(6) 14, 1947
 i Pyenson, Flower Grow. 33 31, 1946
 Pyenson, J. Ec. Ent. 39 264, 1946
 Pyenson, N. Y. Bot. Gard. J. 47 121,
 1946
 Runyan, Arbor. Ness 10 74-75, 1945,
 12 53-54, 1947
 Walker, Va. Dept. Agr. B. 445 7-8,
 1946
 i Weiss & St. George, USDA FB 1855
 rev.:15-16, 1947
 Westcott, Sun-up 1(9) 24, 1947
- MONARTHROPALPUS BUXI - VIR-**
GINIA
 Phillips, Gard. Gossip 20(6):13, 1945
- MONARTHURUM FASCIATUM (Say), M**
MALI (Fitch)
 Beal & Massey, Duke Univ. School
 For. B. 10 102-104, 1945
- MONECPHORA BICINCTA FRATERNA**
 Uhl.
 Scaramuzza, in Cuba Min. Agr. Estac
 Expt. Caña de Azúcar (Havana),
 Caña de Azúcar en Cuba:553, 1946
- MONECPHORA FLAVIFASCIA Metc. &**
Brun.
 Scaramuzza, in Cuba Min. Agr. Estac.
 Expt. Caña de Azúcar (Havana),
 Caña de Azúcar en Cuba:553, 1946.
- MONELLIA sp. - SPRAYS**
 Nickels & Pierce, J. Ec. Ent. 39:794,
 1946

- MONELLIA COSTALIS (Fitch) (BLACK-MARGINED APHID)* (YELLOW PECAN APHID, ARIZONA)
Flock, Ariz St. Ent R. f 1944 18, 1945
Lauderdale, Ariz St Ent R f 1945/46 18.
Parker, Ariz St Ent R. f. 1946/47 27
- MONIEZIELLA ANGUSTA Banks.
Bare et al, USDA EPQ ET-247 4, 1947
- MONKEY LOUSE, *see* PEDICINUS AL-BIDUS (Rudow)
- MONKEY POD CATERPILLAR, *see* POLYDESMIA UMBRICOLA Bdv1
- MONOBELUS FASCIATUS (F)
Martorell, P R Univ J Agr 29 370-371, 1945
- MONOCESTA CORYLI (Say) (LARGER ELM LEAF BEETLE)*
1 Baerg & Lincoln, Ark Ext C 448 9-10, 1947
1 Kelsheimer, Fla Ent 28 25-27, 1945
- MONOCHAMUS Guér
1 Daviault, For Québécoise 10 275-276, 1945
DeGryse, For Ent in Can 4, 1947
Kennedy, Ont Royal Comn For R f 1947 117
Reeks et al, Can. Dept Agr Div Ent For Ins Surv. R 8-6, 1945
Richmond & McGuffin, Can Dept Agr Div Ent For Ins Surv R 8 42, 1945
Sand & Bryan, USDA FB 1989 30, 1947
Can Dept Agr Sci Serv. Div Ent Processed Pub 23,1 p, 1945.
- MONOCHAMUS - SPRAYS
DeGryse, Can. Lumberm 65 60, 1945
- MONOCHAMUS - SPRAYS - DDT
Craighead & Brown, USDA EPQ E-849 4, 1945
Gardiner, Can Min Agr R f 1945/46:73
- MONOCHAMUS sp
Atwood, Can Dept Agr Div Ent For Ins Surv. R. 8.31, 1945
- MONOCHAMUS CAROLINENSIS (Oliv)
Knull, Ohio Biol Surv. B. 39.235, 1946.
- MONOCHAMUS MACULOSUS (Hald.) (SPOTTED PINE SAWYER)*
Lauderdale, Ariz St Ent R f 1945/46.22.
- MONOCHAMUS NOTATUS (Drury) (NORTHEASTERN SAWYER)*
1 Knull, Ohio Biol. Surv. B. 39:234, 1946.
- MONOCHAMUS NOTATUS MORGANI Hopp.
n Hopping, B. C Ent. Soc. P 42:17-18, 1945.
- MONOCHAMUS OREGONENSIS (Lec.) (OREGON FIR SAWYER)*
1 Hardy, Victoria Nat. 2:91, 1945.
- MONOCHAMUS SCUTELLATUS (Say) (WHITE-SPOTTED SAWYER)* (BLACK SAWYER)
Daviault, For. Québécoise 11:114, 1946.
- MONOCHAMUS SCUTELLATUS--Continued
Daviault, Can Dept Agr Div Ent For Ins Surv R f 1946:24, 1947
Daviault, Can Ins Pest Rev 25 50, 1947
Daviault & Lambert, Can Dept Agr Div Ent For Ins Surv R f 1945 22, 1946
Knull, Ohio Biol Surv B 39 234, 1946
Lambert, Can Dept Agr Div Ent For Ins. Surv R f 1944 18, 1945
Martineau, Quebec Min Lands & For R f 1943/44 95-98, 1945, f 1944/45-120-122, 1946, f 1945/46-120-122, 1947
Peterson, Can Dept Agr Div Ent For Ins Surv R f 1944 56, 1945
Reeks & Forbes, Can Ins Pest Rev 25 59, 1947
- MONOCHAMUS SCUTELLATUS - INJURY TO FIRE-KILLED CONIFERS
bi Richmond & LeJeune, For Chron 21 168-192, 1945
- MONOCHAMUS TITILLATOR (F.) (SOUTHERN PINE SAWYER)*
1 Anderson, Tex For Serv B 34, 4 p, 1947?
Knull, Ohio Biol Surv B 39 235, 1946
1 O'Byrne, Va Ext C 403 7-8, 1946
- MONOCLONA Mik
nik Fisher, Not Nat No 175.4 p, 1946
- MONOCREPIDIUS BIFOVEATUS Beauv.,
see CONODERUS BIFOVEATUS (Beauv.)
- MONOCREPIDIUS VESPERTINUS (F.),
see CONODERUS VESPERTINUS (F.)
- MONODONTOMERUS DENTIPES (Boh)
Baird, *in* Ont Dept. Agr Div. Ent Parasite Invest Unit, Control For Ins Prov Ont by Introd Ins Parasites 28,35-36, 1947
Briand, Quebec Soc Protect Plants R 30 56, 1947
Wilkes, *in* Ont Dept Agr Div Ent. Parasites Invest Unit, Control For Ins Prov Ont by Introd Ins Parasites 56-57,59, 1947
- MONODONTOMERUS MANDIBULARIS Gahan - BIONOMICS
b Rau, Ent. Soc. Amer Ann. 40 221-226, 1947.
- MONODONTOMERUS MEXICANUS Gahan
Rau, Ent. Soc. Amer. Ann 40-225-226, 1947.
- MONODONTOMERUS MONTIVAGUS Ashm
Rau, Ent. Soc. Amer. Ann. 40 224-226, 1947.
- MONODONTOMERUS OBSCURUS Westw
Rau, Ent Soc Amer. Ann. 40:224-226, 1947.
- MONODONTOMERUS VIRIDISCAPUS Gahan
b Shaw, J. Ec. Ent. 40:437, 1947.

- MONOLEUCA ALBICOLLIS** Forbes
Martorell, P. R. Univ. J. Agr. 29:549, 1945.
- MONOMORIUM** Mayr
Dean et al., Kans. Ent. Soc. J. 18:91, 1945.
- MONOMORIUM MINIMUM** Buckl (LITTLE BLACK ANT)*
Annand, USDA EPQ R. f. 1946/47:19.
i Back, USDA Leaf. 147 rev.:3, 1946.
Fautin, Ecol. Monog. 16:274, 1946.
Jaynes & Marucci, J. Ec. Ent. 40:16, 19-20, 22, 25, 1947.
- MONOMORIUM MINIMUM - HABITS & BEHAVIOR**
Rau, Ent. News 56:121, 1945.
- MONOMORIUM PHARAONIS** (L.) (PHARAOH ANT)*
Back, USDA Leaf. 147 rev.:3, 1946.
Bird & Mitchener, Can. Ins. Pest Rev. 24:73, 1946.
Cannon, Can. Ins. Pest Rev. 24:13, 1946.
Downes et al., Can. Ins. Pest Rev. 25:117-118, 1947.
Manson et al., Can. Ins. Pest Rev. 24:101, 1946.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:7-9, 1947.
Wressell, Can. Ins. Pest Rev. 24:59, 1946.
- MONONYCHUS VULPECULUS** (F.) (IRIS WEEVIL)*
i Bruhn, Great Basin Nat. 8:16, 1947.
- MONOPHADNODIS GENICULATUS** (Htg.) (RASPBERRY SAWFLY)*
Arnason et al., Can. Ins. Pest Rev. 24:89, 1946.
i Cummings, Amer. Nurseryman. 83(8):9, 1946.
Mills & Dewey, N. Y. (C) Ext. B. 306 rev.:19, 1946.
Neiswander, Ohio St. Hort. Soc. P. 78:157-158, 1945.
Peterson et al., Can. Ins. Pest Rev. 25:99, 1947.
Ross, Can. Ins. Pest Rev. 24:48, 1946.
Slate et al., N. Y. (G.) C. 153 rev.:52-53, 1945.
Slate et al., N. Y. (C) Ext. B. 719:55, 1947.
i Thompson, Ont. Dept. Agr. B. 355 rev.:29, 1947.
- MONOPTILOTA PERGRATIALIS** (Hulst) (LIMA-BEAN VINE BORER)*
i Brannon, J. Ec. Ent. 38:407-408, 1945.
Rice et al., Del. B. 259:22, 1945.
- MONOPHYRONIDA** Chamblin. - NEOTROPIC
bni Hoff, Amer. Mus. Nov. 1318, 32 p., 1946.
- MONOXIA** sp.
Fautin, Ecol. Monog. 16:267, 1946.
- MOODNA BISINUELLA** Hamp. - TEXAS
Annand, USDA EPQ R. f. 1944/45:29.
- MOONLIGHT**, see LIGHT & INSECTS - MOONLIGHT
- MOPPING COTTON**, see COTTON INSECTS - CONTROL - MOPPING
- MORDELLIDAE - NORTH AMERICA**
bnik Liljebld, Mich. Univ. Mus. Zool. Misc. Pub. 62:229 p., 1945.
ni Ray, Pan-Pac. Ent. 22:41-50, 90-99, 121-132, 1946; 23:121-131, 1947.
- MORDELLISTENA** sp.
Arnason et al., Can. Ins. Pest Rev. 24:85, 1946.
Peterson, Can. Ins. Pest Rev. 24:108, 1946.
- MORDELLISTENA CATTLEYANA** Champ.
Swezey, Hawaiian Ent. Soc. P. 12:353, 1945.
- MORDWILKOJA VAGABUNDA** (Walsh) (POPLAR VAGABOND APHID)*
Knowlton, Bklyn. Ent. Soc. B. 42:71, 1947.
McGuffin & Barker, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946:59, 1947.
Peterson, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944:57, 1945, f. 1945:58, 1946.
Peterson, Can. Ins. Pest Rev. 24:106, 1946; 25:78, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1946:71, 1947.
Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For Ins. Surv. R. f. 1944:48, 1945.
- MORLORCHUS BIMACULATUS** Say
i Knull, Ohio Biol. Surv. B. 39:202-203, 1946.
- MORMIDEA LUGENS** (F.) - EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39:676, 1946.
- MORMIDEA PICTIVENTRIS** Stål
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caha de Azúcar (Havana), Caha de Azúcar en Cuba: 549, 1946.
- ***MORMON CRICKET**, see ANABRUS SIMPLEX Hald
- MORMONIELLA VITRIPENNIS** (Wlkr.) - POPULATIONS
b DeBach & Smith, Ecology 28:290-298, 1947.
- MORRISONIA CONFUSA** (Hbn.) - FOOD & HOST PLANTS
Frost, J. Ec. Ent. 39:418, 1946.
- MOSAIC OF BEANS**, see under genera APHIS; HYALOPTERUS; MACROSIPHUM; NEOTHOMASIA; PSEUDOCOCCUS
- MOSAIC OF BEET**, see under genera BREVICORYNE; APHIS; MYZUS; and INSECTS & PLANT DISEASE - MOSAIC OF BEET
- MOSAIC OF BEET IN WEEDS**, see APHIDS & PLANT DISEASE - MOSAIC OF BEET IN WEEDS
- MOSAIC OF CABBAGE**, see APHIDS & PLANT DISEASE - MOSAIC OF CABBAGE; PIERIS RAPAE & MOSAIC OF CABBAGE
- MOSAIC OF CARNATION**, see MYZUS PERSICAE & MOSAIC OF CARNATION

- MOSAIC OF CELERY, see under genera APHIS, MACROSIPHUM, MYZUS; and APHIDS & PLANT DISEASE - MOSAIC OF CELERY
- MOSAIC OF CORN, see PEREGRINUS MAIDIS & MOSAIC OF CORN
- MOSAIC OF CUCUMBER, see under genus DIABROTICA, and APHIDS & PLANT DISEASE - MOSAIC OF CUCUMBER
- MOSAIC OF GLADIOLUS, see under genera MACROSIPHUM, MYZUS, and INSECTS & PLANT DISEASE - MOSAIC OF GLADIOLUS, THRIPS & PLANT DISEASE - MOSAIC OF GLADIOLUS
- MOSAIC OF PAPAYA, see under genus EMPHASCA
- MOSAIC OF PEACH, see under genus MYZUS, and INSECTS & PLANT DISEASE - MOSAIC OF PEACH, PEACH INSECTS & PLANT DISEASE - MOSAIC
- MOSAIC OF PEAS, see MACROSIPHUM PISI & MOSAIC OF PEAS
- MOSAIC OF POTATO, see INSECTS & PLANT DISEASE - MOSAIC OF POTATO
- MOSAIC OF SUGARCANE, see under genera APHIS, HYSTERONEURA, MACROSIPHUM, SIPHA, STICTOCEPHALA, TETRANYCHUS, THRIPS, TOXOPTERA, and INSECTS & PLANT DISEASE - MOSAIC OF SUGARCANE
- MOSAIC OF TOMATO, see under genera EPITRIX, TETRANYCHUS
- MOSAIC OF TURNIP, see APHIDS & PLANT DISEASE - MOSAIC OF TURNIP
- MOSAIC OF WHEAT, see under genera ACERATAGALLIA, DELPHACODES, LAEVICEPHALUS, TOXOPTERA, and INSECTS & PLANT DISEASE - MOSAIC OF WHEAT
- MOSQUITO CONTROL
- Bailey, Vt Comnr Agr Bien R. 23 85-86, 1946
- 1 Boyd, Prev Med ed 7:283-287, 1945
- Dengler, N J Mosq Exterm Assoc P 33:52-55, 1946
- 1 Durac, House Beautiful 89(8):48-49, 1947
- Elmendorf et al., Amer J. Trop. Med 27 135-145, 1947
- Gates, Outdoor Neb. 24(1):16, 1946.
- b Getting, New Eng J Med 232:373-375, 1945.
- Glasgow, Mosq. News 5 109-110, 1945.
- Gray, N. J Mosq Exterm. Assoc P 34:39-40, 1947.
- b Jackson, Water Works & Sewerage 92 233-234, 1945.
- King, Tex Ext. B. 151:14-15, 1947.
- Knowles, Natl. Malar. Soc J. 5:240-243, 1946.
- 1 Lincoln, Ark. Ext. C. 362 rev.:6-8, 1945.
- Lincoln, Ark Ext Leaf. 83:3-4, 84-56, 1947
- MOSQUITO CONTROL--Continued
- Ruth, Mosq News 6 41, 1946.
- 1 Shepard, Pests 14(11) 12, 1946
- Simmons, Natl. Malar Soc J 5 157-163, 1946
- 1 Stiles, Okla. Ext C. 223 rev 20-22, 1946?
- Williams, U S. Pub Health Rpts 60. 464-469, 1945
- MOSQUITO CONTROL--AIRCRAFT
- Clapp, U S T V A R f 1944/45 55
- b Deonier & Burrell, J Ec Ent 38 425-427, 1945
- Geib, Cal Mosq Control Assoc 15: 125-128, 1947
- Husman et al. USDA EPQ ET-228 9-11, 1947
- b1 Hurlbut et al. U S Nav Med Bul 47 368-379, 1947
- Jones et al. J Ec Ent 38 691-693, 1945.
- b Knippling, Natl Malar Soc J 5 115-117, 120, 1946
- 1 Lindquist et al. J Ec Ent 38 541-544, 1945
- Price & Lyman, U S. Pub Health Rpt 60 985-994, 1945
- Starnes, Agr Flying, Ground School Curriculum Offered in Conjunction with Crop Dusting Training 11, 1947
- MOSQUITO CONTROL - AIRCRAFT - JUNGLE AREAS
- Lindquist & McDuffie, J Ec Ent 38 545-548, 1945
- MOSQUITO CONTROL - AIRLINE BASES
- Shillito, N J Mosq Exterm Assoc P 32 239-242, 1945
- MOSQUITO CONTROL - ALASKA
- Stone, Ent Soc Wash P 50 23-24, 1948 (Abs)
- MOSQUITO CONTROL - BIBLIOGRAPHY
- Stage, Mosq News 5 29-32, 72-76, 113-116, 164-168, 1945, 6:47-51, 107-112, 165-168, 215-221, 1946, 7 48-54, 96-101, 129-137, 174-177, 1947.
- Stage, N J Mosq Exterm Assoc P 34 198-205, 1947
- MOSQUITO CONTROL - CALIFORNIA
- Dahl, Cal Mosq. Control Assoc P 15 73-83, 108-115, 1947
- Gray, N J Mosq Exterm Assoc P 32 91-92, 1945
- Halverson, Cal. Mosq Control Assoc P 15:5-9, 1947
- Robinson et al. Cal Mosq Control Assoc P 14:105-107, 1946
- Peters, Cal. Mosq. Control Assoc P 15:84-89, 1947
- 1 Cal. St Dept Pub Health B 44 rev., 55 p, 1945
- Cal St Dept. Pub. Health, Cal. Health 2:114-115, 1945
- 1 Cal. St Dept Pub. Health, Rpt. on Invest Dis. Bearing Mosq Hazard in Cal. Submitted to ..Fifty-sixth Sess. Cal Leg (L-3681):4-20, 1945
- MOSQUITO CONTROL - CALIFORNIA - HISTORY
- Robinson, N J. Mosq. Exterm Assoc. P 34:61-63, 1947.

- MOSQUITO CONTROL - CALIFORNIA - IRRIGATED AREAS**
Washburn, N. J Mosq. Exterm Assoc. P. 34.64-68, 1947.
- MOSQUITO CONTROL - CALIFORNIA (ALAMEDA CO)**
Gray, Alameda Co. (Cal) Mosq. Abatement Dist. R. f 1944, 27 p., 1945, f 1945, 22 p., 1946; f. 1946, 41 p., 1947.
Gray, Mosq. News 5 132-134, 1945
- MOSQUITO CONTROL - CALIFORNIA (ALAMEDA COUNTY MOSQ ABATEMENT DIST.)**
McGowan & Gray, Cal Mosq Control Assoc. P 15 134-144, 1947.
- MOSQUITO CONTROL - CALIFORNIA (CONSOLIDATED MOSQ ABATEMENT DIST.)**
Davis, Cal Mosq. Control Assoc P 15:118, 1947
- MOSQUITO CONTROL - CALIFORNIA (DELTA MOSQ. ABATEMENT DIST.)**
Aarons, Cal Mosq. Control Assoc. P 15 123-125, 1947
- MOSQUITO CONTROL - CALIFORNIA (DR. MORRIS MOSQ ABATEMENT DIST.)**
Smith, Cal Mosq Control Assoc P 15:119-122, 1947
- MOSQUITO CONTROL - CALIFORNIA (MERCED COUNTY MOSQ ABATEMENT DIST.)**
Ewing, Cal. Mosq. Control Assoc P 15:119, 1947
- MOSQUITO CONTROL - CALIFORNIA (SUTTER-YUBA MOSQ ABATEMENT DIST.)**
Raley, Cal. Mosq. Control Assoc P 15:115-117, 1947
- MOSQUITO CONTROL - CALIFORNIA (TURLOCK MOSQ. ABATEMENT DIST.)**
Washburn, Cal. Mosq. Control Assoc P 15 117-118, 1947
- MOSQUITO CONTROL - CAMPS**
i Tower, Maine For. Serv C 7, 8 p., 1947
- MOSQUITO CONTROL - CANADA**
Cameron, Can Business 18(6).32-33, 104-106, 1945
- MOSQUITO CONTROL - CANADA (WINNIPEG AREA) - HISTORY**
Speechly, N. J Mosq. Exterm. Assoc P. 34.98-101, 1947.
- MOSQUITO CONTROL - CARIBBEAN ZONE**
Magoon, Salub. y Asist Soc. B. Ofic 48:57-213, 218-404, 407-614, 1945.
i Stage & Geijskes, Mosq. News 6:177-180, 1946
- MOSQUITO CONTROL - CESSPOOLS**
Gray, Cal. Mosq. Control Assoc. P 14:61-63, 1946.
- MOSQUITO CONTROL - COMMUNITY**
Pepper et al., Mosq. News 8:195-201, 1946.
bi Russell et al., Pract. Malar. 546-562, 1946.
- MOSQUITO CONTROL - CONNECTICUT**
Botsford, Conn B 488-323-329, 1945, 501-35-36, 1946
Botsford & Elston, Conn B 512 36-45, 1946
- MOSQUITO CONTROL - CONTINUOUS OILING**
Marshall, U S War Dept TB Med 164:9-10, 1945
- MOSQUITO CONTROL - COOPERATION, INDUSTRIAL**
Gies, N J Mosq Exterm Assoc P 33 102-104, 1946
- MOSQUITO CONTROL - COORDINATION**
Simmons, Natl. Malar Soc J 5 161-163, 1946
- MOSQUITO CONTROL - CISTERNS**
Holdsworth et al., Mosq News 5:144-145, 1945
- MOSQUITO CONTROL - CITIES**
i Clarke, Amer City 60(8) 69-70, 95, 1945
- MOSQUITO CONTROL - COLUMBIA RIVER**
Gjullin & Yates, Cal Mosq Control Assoc P 15 24-25, 1947
- MOSQUITO CONTROL - COSTS**
Campbell, Engin J 28 696-699, 1945
i Coffey, Engin News-Rec 135 725, 1945
Dahl, Cal Mosq Control Assoc P 15 73-83, 109-115, 1947
Gray, Alameda Co. (Cal) Mosq Abatement Dist R f 1944 19-27, 1945, f 1945 13-22, 1946, f 1946 34-42, 1947
Horn, Pub Works 77(5) 34, 1946
Knowles & Smith, U S Pub Health Rpts. 60 1274-1279, 1945
Knutson, R. I. Dept Agr & Conserv R 12 45-46, 1947
Martin, N. J R 67 80-81, 1947?
Rees, Salt Lake City Mosq Abatement Dist R. Sum. 16 10, 1945, 17 7, 1946, 18 7, 1947
Russell et al., Pract Malar 556-561, 1946
Trapido, Amer J Trop Med 26 411-412, 1946.
Cal St Dept Pub Health, Rpt on Invest. Dis Bearing Mosq. Hazard in Cal. Submitted to .Fifty-sixth Sess. Cal Leg. (L-3681) 4-5, 16-19, 1945
U. S Pub Health Serv & Tenn Val Authority, Malar. Control on Impound Water: 20-21, 73-74, 85, 92, 128-129, 133, 136, 151, 165, 176, 181, 196-197, 202, 219, 243, 338, 1947.
- MOSQUITO CONTROL - DIRECTORIES - MANUFACTURERS & SUPPLIERS**
Mosq News 6:52-69, 1946
- MOSQUITO CONTROL - DITCH LINING**
i Parker & Johnson, U. S. Pub. Health Rpts. 60 582-587, 1945
- MOSQUITO CONTROL - DITCHING**
i Bussells, Explosives Engin. 24(1): 17-18, 1946
i Dalencour, Mosq News 5:87, 1945.
i Fellton et al., N. J. Mosq. Exterm Assoc P. 33:56-60, 1946.

MOSQUITO CONTROL - DITCHING--

Continued

- Martin, N J R 67 80-81, 1947?
- Mulhern, N J Mosq Exterm Assoc P 34 166-167, 1947
- 1 Mulhern & Lafferty, Mosq News 7 1-4, 1947
- Reiley, Mosq News 5 77-78, 1945
- Weathersbee, N J Mosq Exterm Assoc P 32 97-98, 1945
- 1 N J C 502 20-24, 1946.
- 1 U S War Dept TM 5-632 (PB-2435):9-20, 1945
- MOSQUITO CONTROL - DRAINAGE
- Afridi & Arthur, Mil Surg 97 88-89, 1945
- Caldwell, P R J Pub Health & Trop Med 21 195-197, 1945
- Caldwell, Mosq News 6 91-93, 1946
- 1 Davis, Engin News-Rec 135 229-231, 1945
- Levi-Castello, J Ec Ent 38 388, 1945
- 1 Magoon, Salub y Asist Soc B Ofic 48 185-213, 372-379, 387-396, 420-447, 451-471, 518-558, 562, 564, 568, 1945
- Marshall, U S War Dept TB Med 164:2, 1945
- Mulhern, N J Mosq Exterm Assoc P 32 160-166, 1945 33 91-98, 100-101, 1946
- Neill, P R J Pub Health & Trop Med 22 292-299, 1947 (Spanish text, p. 300-307)
- Parran, U S Pub Health Serv Ann R 73[1 e 74] f 1944 45.96
- Pratt, U S Pub Health Rpts. Sup 200 7-10, 17-18, 1947
- Rees, Salt Lake City Mosq Abatement Dist R. Sum 16-9, 1945, 17 6, 1946, 18 6, 1947
- bi Russell et al., Pract Malar 445-473, 1946
- 1 Ruth, Mosq News 5 117-120, 1945
- 1 Sergeant & Sergeant, Rev. Inst. Salub y Enferm. Trop Mex 6 259-263, 1945
- Simmons, Natl. Malar Soc. J. 5:160-161, 1946.
- 1 Sterling, Mosquito News 6 97, 1946
- 1 U S. War Dept. TM 5-632 (PB-2435):16-21, 1945.
- MOSQUITO CONTROL - DRAINS, STORM
- 1 Appel, Sewage Works Engin. 18 13-15, 1947
- MOSQUITO CONTROL - DREDGING
- Lenert & Legwen, Natl. Malar. Soc J 4:93-98, 1945.
- 1 Vannote & Eager, Mosq News 5:128-131, 1945.
- MOSQUITO CONTROL - DUCK PONDS
- Gray, Cal. Mosq. Control Assoc P. 14:94, 1946.
- MOSQUITO CONTROL - EDUCATION
- Boyd, N. J. Mosq. Exterm. Assoc. P. 32:129-134, 1945.
- Boyd et al., Natl. Malar. Soc. J. 5:245-251, 1946.
- Fellton et al., Natl. Malar. Soc. J. 4:206, 1945.

MOSQUITO CONTROL - EDUCATION--

- Continued.
- b Goodwin et al., Natl. Malar. Soc. J 5 205-207, 1946.
- Mulhern, N J Mosq. Exterm Assoc. P. 34 168, 181, 1947
- Pickup, J Health & Phys Educ 16 312-314, 350, 1945
- U S. Pub. Health Serv. & Tenn Val Authority, Malar. Control on Impound Water 349-353, 1947
- MOSQUITO CONTROL - EDUCATION - SHORT COURSE
- Gray, Cal Mosq. Control Assoc P. 14 74-75, 1946
- MOSQUITO CONTROL - ENGINEERING
- Jones, Cal Mosq Control Assoc P. 15 97-102, 1947
- Watson et al., Natl. Malar Soc J 5 201-203, 1946
- Weathersbee, Natl Malar Soc J 5 269, 1946
- MOSQUITO CONTROL - EQUIPMENT
- Clarke, Amer City 60(8) 95, 1945
- Fellton et al., N J Mosq Exterm Assoc P 33 58, 60-62, 1946
- 1 Gray, Mosq News 5 132-134, 1945
- 1 Kartman, Pop Sci Month 148(3) 208, 1946
- 1 Kiker & Sparkman, Natl Malar Soc J 4 209-222, 1945
- 1 Lynch, Mosq News 5 135, 1945
- 1 Magoon, Salub y Asist Soc B Ofic 48 239-360, 410-573, 1945
- 1 Martin, N J R 67 81, 1947?
- Mulhern, N J Mosq Exterm Assoc P 32 160-163, 1945
- 1 Mulhern & Lafferty, Mosq News 7 1-4, 1947
- Simmons, Natl Malar Soc J. 5 160, 1946.
- Washburn, N J Mosq Exterm Assoc P 34 65, 1947
- 1 N J C 502 18-19, 22, 26, 1946
- 1 U. S Pub Health Serv & Tenn Val Authority, Malar Control on Impound Water 50-54, 60-61, 85-86, 120-127, 139-140, 223-235, 391-403, 1947.
- 1 U S. War Dept TM 5-632 (PB-2435) 7-8, 10, 12-13, 16, 22-27, 1945.
- MOSQUITO CONTROL - EQUIPMENT, see also MOSQUITO CONTROL - SCREENING, MOSQUITO NETS, MOSQUITOES - TRAPS
- MOSQUITO CONTROL - EQUIPMENT - ARMY "WEASEL"
- 1 Easter et al., Mosq News 6 118-119, 1946
- Sterenberg, N. J Mosq Exterm. Assoc P. 33:75-76, 1946.
- MOSQUITO CONTROL - EQUIPMENT - BLIMPS
- Huber, N. J. Mosq. Exterm. Assoc. P. 33:111, 1946
- MOSQUITO CONTROL - EQUIPMENT - DISK HARROW
- 1 Perry, Mosq. News 5 140-141, 1945.

- MOSQUITO CONTROL - EQUIPMENT - DITCHING**
 i Mulher, N. J. Mosq. Exterm. Assoc. P. 34:150-160, 1947.
 Thom, N. J. Mosq. Exterm. Assoc. P. 34:148-149, 1947.
- MOSQUITO CONTROL - EQUIPMENT - DREDGES, HYDRAULIC**
 Lenert & Legwen, Natl. Malar. Soc. J. 4: 93-98, 1945.
- i Vannote & Eager, Mosq. News 5:128-131, 1945.
- MOSQUITO CONTROL - EQUIPMENT - OIL DISPENSERS, AUTOMATIC**
 i Hansens & Hart, N. J. Mosq. Exterm. Assoc. P. 34:137-143, 1947.
- MOSQUITO CONTROL - EQUIPMENT - JEEP**
 Dorer, Mosq. News 5:49, 1945
- MOSQUITO CONTROL - EQUIPMENT - PUMPS**
 Jones, Natl. Malar. Soc. J. 4:99-104, 1945.
 i Lafferty, Mosq. News 5:146-147, 1945.
 i Osmum, Mosq. News 5:138-139, 1945.
 Palmer, N. J. Mosq. Exterm. Assoc. P. 34:196-197, 1947
- MOSQUITO CONTROL - EQUIPMENT - SPRAYING APPARATUS**
 Horn, Pub. Works 77(5) 35, 1946
 i Knipe, Agr. Engin. 26:459-462, 464, 468, 1945.
 Madden et al., J. Ec. Ent. 39:463-465, 1946.
 Marshall, U. S. War. Dept. TB Med. 164:9-10, 1945.
 Raley, Cal. Mosq. Control Assoc. P. 15:124-125, 1947.
 i Yust, J. Ec. Ent. 39:659, 1946.
- MOSQUITO CONTROL - EQUIPMENT - SURPLUS PROPERTY**
 Coblentz, Cal. Mosq. Control Assoc. P. 14:96-99, 1946
- MOSQUITO CONTROL - EQUIPMENT - TRAXCAVATOR**
 Reeves et al., N. J. Mosq. Exterm. Assoc. P. 33:106, 1946
- MOSQUITO CONTROL - EQUIPMENT - TRUCKS**
 Longworth, N. J. Mosq. Exterm. Assoc. P. 33:147-149, 1946.
- MOSQUITO CONTROL - EXPLOSIVES**
 i Glasgow, N. J. Mosq. Exterm. Assoc. P. 32:216-218, 1945.
- MOSQUITO CONTROL - FACTORIES**
 bi Barnes et al., Chem. Indus. 60:238-240, 339, 1947.
- MOSQUITO CONTROL - FISH, see MOSQUITOES & FISH**
- MOSQUITO CONTROL - FISHPONDS**
 Pearson, Ala. Ext. Handb. Ala. Agr. ed. 4:213, 1947.
- MOSQUITO CONTROL - FLOODING**
 Gjullin & Yates, Cal. Mosq. Control Assoc. P. 14:89-92, 1946.
- MOSQUITO CONTROL - FLORIDA**
 Peters, N. J. Mosq. Exterm. Assoc. P. 34:112-114, 1947.
- MOSQUITO CONTROL - HAWAII**
 Bonnet, Hawaiian Acad. Sci. P. 19:5-6, 1945. (Abs.)
 b Wilbar, Amer. J. Pub. Health 37: 663-674, 1947.
 Wilbar, Hawaii Bd. Health R. f. 1944/45:65-67; f. 1945/46:82-83, f. 1946/47:87-88.
- MOSQUITO CONTROL - ILLINOIS (DES PLAINES VALLEY)**
 Yettaw, Mosq. News 6:27-29, 1946.
- MOSQUITO CONTROL - IMPOUNDED WATERS**
 i Davis, Engin. News-Rev. 135:229-231, 1945.
 Gartrell, Natl. Malar. Soc. J. 4:63-65, 1945.
 b Hess & Hall, Natl. Malar. Soc. J. 4:20-46, 1945.
 b Hess & Keener, Amer. J. Hyg. 45:133-143, 1947.
 bi Hinman & Cutkomp, Amer. J. Trop. Med. 27:449-461, 1947.
 li Kiker & Sparkman, Natl. Malar. Soc. J. 4:209-222, 1945.
 bi Kruse & Gartrell, Natl. Malar. Soc. J. 4:133-146, 1945.
 bi Lang & Sterenberg, N. J. Mosq. Exterm. Assoc. P. 34:184-192, 1947.
 Metcalf et al., Cal. Mosq. Control Assoc. P. 15:28-34, 1947.
 Parran, U. S. Pub. Health Serv. R. 74[i.e. 75] f. 1945/46:338.
 Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16:4-5, 1946?
 bi U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water, 422 p., 1947.
- MOSQUITO CONTROL - IMPOUNDED WATERS - GROUND CLEARING**
 i Davis, Engin. News-Rec. 135:38-41, 1945.
- MOSQUITO CONTROL - INTER-AMERICAN COOPERATION**
 i Gotaas, Pan Amer. Union B. Of. Sanit. 25:909-914, 1945
- MOSQUITO CONTROL - JUNGLES**
 Madden et al., J. Ec. Ent. 40:121-123, 1947.
- MOSQUITO CONTROL - LABOR SHORTAGE**
 Wright, N. J. Mosq. Exterm. Assoc. P. 32:255-256, 1945.
- MOSQUITO CONTROL - LATIN AMERICA**
 i Dunham, Hygeia 23:902-903, 934, 936, 938, 1945.
 i Yeager, N. J. Mosq. Exterm. Assoc. P. 32:134-142, 1945.
- MOSQUITO CONTROL - LEGISLATION**
 U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:369-380, 1947.
- MOSQUITO CONTROL - LEGISLATION - CALIFORNIA**
 Gray et al., Cal. Mosq. Control Assoc. P. 14:72-73, 1946.
 Robinson, Cal. Mosq. Control Assoc. P. 14:75-77, 1946.
 Robinson et al., Cal. Mosq. Control Assoc. P. 15:106-108, 1947.

- MOSQUITO CONTROL - LEGISLATION - CALIFORNIA--Continued
 Stead et al., Cal. Mosq. Control Assoc. P. 14:83-86, 1946
 Cal. St. Dept. Pub. Health Rpt. on Invest. Dis. Bearing Mosq. Hazard in Cal. Submitted to. Fifty-sixth Sess. Cal. Leg. (L-3681) 8-10, 1945
- MOSQUITO CONTROL - LEGISLATION - MASSACHUSETTS
 Wright, N. J. Mosq. Exterm. Assoc. P. 32:254, 1945.
- MOSQUITO CONTROL - LEGISLATION - NEW JERSEY
 Headlee, Mosq. of N. J. & Their Control 304-317, 1945
- MOSQUITO CONTROL - MAPPING, AERIAL
 1 Kiker & Morris, Natl. Malar. Soc. J. 6:219-226, 1947
- MOSQUITO CONTROL - MARYLAND
 Vogt, N. J. Mosq. Exterm. Assoc. P. 32:251-253, 1945
- MOSQUITO CONTROL - MASSACHUSETTS
 Wright, N. J. Mosq. Exterm. Assoc. P. 32:254-256, 1945
- MOSQUITO CONTROL - MASSACHUSETTS (EAST MIDDLESEX MOSQUITO CONTROL PROJECT)
 Armstrong, N. J. Mosq. Exterm. Assoc. P. 33:158-159, 1946, 34:76-78, 1947
- MOSQUITO CONTROL - MECHANIZATION
 Glasgow, Mosq. News 5:160-161, 1945
- MOSQUITO CONTROL - MILITARY ZONES
 Afandi & Arthur, Mil. Surg. 97:85-92, 1945
 Annand, New Internatl. YB 1944:295, 1945
 Annand, USDA EPQ R. f. 1946/47:17
 1 Bechtold, Air Surg. B. 2:68-70, 1945.
 Bishopp, Amer. J. Pub. Health 35:376-377, 1945
 Boyd, N. J. Mosq. Exterm. Assoc. P. 32:129-134, 1945.
 1 Bradley, N. J. Mosq. Exterm. Assoc. P. 32:115-119, 1945.
 b Bradley, Cal. Mosq. Control Assoc. P. 14:12-19, 1946
 Bradley, N. J. Mosq. Exterm. Assoc. P. 33:43-47, 1946
 Brother & Angley, Air Surg. B. 2:54-55, 1945.
 Dews & Morgan, Natl. Malar. Soc. J. 4:105-108, 1945
 Dews & Morrill, J. Ec. Ent. 39:348-351, 1946
 b Farrell, Mil. Surg. 99:15-21, 1946.
 1 Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:55-64, 1946.
 Griffith, Okla. Acad. Sci. P. 27:26-29, 1947.
 Gunther, Pract. Malar. Control:37-39, 1944.
 1 Hall, Air Surg. B. 2:70-73, 1945.
 1 Hall, Amer. For. 53:11,46-47, 1947.
 Hart, Sci. Month. 62:421-422, 1946.
 1 Harvill, U. S. Nav. Med. B. 44:627-628, 1945.
- MOSQUITO CONTROL - MILITARY ZONES--Continued.
 1 Henderson, N. J. Mosq. Exterm. Assoc. P. 32:75-80, 1945.
 1 Henderson, P. R. J. Pub. Health & Trop. Med. 20:419-445, 1945
 1 Henderson, N. J. Mosq. Exterm. Assoc. P. 33:36-42, 1946
 Horn, Pub. Works 77(5):34, 1946
 Hutzl, Sci. Month. 62:417-420, 1946
 Lapage, Mil. Surg. 97:23-24,27-29, 1945
 Marshall, U. S. War Dept. TB Med. 164,12 p., 1945
 Maxwell, Cal. Mosq. Control Assoc. P. 14:20-23, 1946
 Parran, U. S. Pub. Health Serv. R. 74[1945] f. 1945/46:337-338,340
 1 Reed et al., J. Ec. Ent. 40:289-292, 1947
 b Russell et al., Pract. Malar. 563-577, 1946
 Ruth, N. J. Mosq. Exterm. Assoc. P. 32:94-96, 1945
 b Schreuder & Sullivan, Air Surg. B. 2:67-68, 1945
 Simmons, Mil. Surg. 96:123-126, 1945
 1 Simmons, Sat. Even. Post 217(28):86, 1945
 Simmons, J. Ec. Ent. 39:15-17, 1946
 Stearns et al., Del. B. 263:24, 1947
 Trotti, Tex. St. J. Med. 40:543-547, 1945
 Walson & Osmun, N. J. Mosq. Exterm. Assoc. P. 32:219, 1945
 Wilbar, Amer. J. Pub. Health 37:663-674, 1947
 Wisecup & Shillinger, Fla. Ent. 28:27-29, 1945
 Wisecup et al., Mosq. News 6:23-24, 1946
 1 Zukauckas, N. J. Mosq. Exterm. Assoc. P. 32:257-258, 1945
 U. S. Army Med. Dept. Bul. 89:8-9, 1945
 1 U. S. Army Med. Dept. Bul. 4:535-539, 1945
 U. S. Army Med. Dept. Bul. 6:353, 1946
 1 U. S. War Dept. TM 5-632 (PB-2435):3-21, 1945
- MOSQUITO CONTROL - MILITARY ZONES - ALASKA
 McPeak, Air Surg. B. 2:74-76, 1945
- MOSQUITO CONTROL - MILITARY ZONES - CARIBBEAN
 Weathersbee, Natl. Malar. Soc. J. 5:263-276, 1946
- MOSQUITO CONTROL - MILITARY ZONES - HONOLULU
 b Gilbertson, Amer. J. Pub. Health 35:261-270, 1945.
- MOSQUITO CONTROL - MILITARY ZONES - NAVAL BASE - PHILADELPHIA
 Daley & Bailor, U. S. Nav. Hosp. Corps Quart. 19(4):11-13, 1946.
- MOSQUITO CONTROL - MILITARY ZONES - NAVAL BASE - TENNESSEE (MILLINGTON)
 Johnson, U. S. Pub. Health Rpts. 62:1086-1095, 1947.

- MOSQUITO CONTROL - MILITARY ZONES - NEW JERSEY AREA
Miller, N J. Mosq Exterm Assoc P. 34 50-53, 1947.
- MOSQUITO CONTROL - MILITARY ZONES - VIRGINIA (NORFOLK)
Weathersbee, N J Mosq Exterm Assoc. P 32 96-99, 1945
- MOSQUITO CONTROL - NATURAL
Bishopp & Stage, N. J Mosq Exterm. Assoc P 32 34-35, 1945
Headlee, Mosq. of N J & Their Control. 248-258, 1945
- MOSQUITO CONTROL - NAVAL BASES, see MOSQUITO CONTROL - MILITARY ZONES
- MOSQUITO CONTROL - NEW JERSEY
Dilliston, N J Mosq Exterm Assoc P 32:7-11, 1945.
Dorer, N J Mosq. Exterm Assoc P 32:93-94, 1945
bi Headlee, Mosq. of N J. & Their Control 232-326, 1945
MacDonald, N J Mosq Exterm Assoc P 33 50-52, 1946
Martin, N J R 66:87-88, 1946, 67 80-82, 1947?
Mulhern, N. J Mosq Exterm. Assoc. P. 32:142-170, 1945, 33:89-102, 168-182, 1946, 34:165-181, 1947
Tousley, N J Mosq Exterm Assoc P. 32:196-198, 1945, 33:5-8, 1946
i N. J. C 502, 31 p., 1946
- MOSQUITO CONTROL - NEW JERSEY - COMMISSIONER PROBLEMS
Scott & Morrison, N J Mosq Exterm Assoc P. 33 108-110, 1946
- MOSQUITO CONTROL - NEW JERSEY - COOPERATIVE PLAN
Eakins, N J Mosq. Exterm. Assoc. P 34:31-34, 1947
- MOSQUITO CONTROL - NEW JERSEY - OUTLOOK
Martin, N. J Mosq Exterm Assoc P 32:180-183, 1945.
- MOSQUITO CONTROL - NEW JERSEY (ATLANTIC CO.) - HISTORY
Reiley, N. J Mosq Exterm Assoc P 33:82-89, 1946.
- MOSQUITO CONTROL - NEW JERSEY (BERGEN CO.)
i Conant, Mosq. News 5 136-137, 1945
- MOSQUITO CONTROL - NEW JERSEY (BURLINGTON CO.)
Potter, N. J Mosq Exterm. Assoc P. 34:193-198, 1947.
- MOSQUITO CONTROL - NEW JERSEY (CAMDEN CO.)
Evans, N. J. Mosq. Exterm. Assoc. P 32:174-177, 1945.
- MOSQUITO CONTROL - NEW JERSEY (CUMBERLAND CO.)
Lamb, N. J. Mosq. Exterm. Assoc. P 32:171-172, 1945.
- MOSQUITO CONTROL - NEW JERSEY (ESSEX & MORRIS COS.)
i Vannote & Eager, Mosq. News 5: 128-131, 1945.
- MOSQUITO CONTROL - NEW JERSEY (FORT DIX)
Zukauckas, N. J Mosq Exterm Assoc P. 32:257-258, 1945
- MOSQUITO CONTROL - NEW JERSEY (GLOUCESTER CO.)
Mehorter, N. J Mosq Exterm Assoc P. 32 173-174, 1945
- MOSQUITO CONTROL - NEW JERSEY (MERCER CO.)
Maddock, N J Mosq Exterm Assoc P. 32:177-178, 1945
- MOSQUITO CONTROL - NEW JERSEY (MONMOUTH CO.)
i Vannote, Mosq. News 5 142-143, 1945
- MOSQUITO CONTROL - NEW JERSEY (MORRIS CO.)
Vannote, Ginsberg & Hansens, N J Mosq Exterm Assoc P 33 23-24, 1946
- MOSQUITO CONTROL - NEW JERSEY (PASSAIC CO.)
Dunney, N J Mosq. Exterm Assoc P 32 87-90, 1945
- MOSQUITO CONTROL - NEW JERSEY (PASSAIC VALLEY)
Vannote, N J Mosq Exterm Assoc P 34 53-56, 1947.
- MOSQUITO CONTROL - NEW JERSEY AGRICULTURAL EXPERIMENT STATION
Pepper, N J Mosq Exterm Assoc P. 34:6-10, 1947
- MOSQUITO CONTROL - NEW YORK (NASSAU CO.)
Jaques, Nassau Co Mosq Exterm Comm R f 1944:7 p., 1945
Sammis, N J Mosq Exterm Assoc P 32:103-104, 1945
- MOSQUITO CONTROL - NEW YORK (SUFFOLK CO.)
i Williamson, Mosq News 5:148-152, 1945
Williamson, N J. Mosq Exterm. Assoc P 34 79-81, 1947.
Suffolk Co. [N Y.] Mosq Exterm Comm R f 1944/45, 17 p., f 1945/46, 16 p.; f. 1946/47, 14 p.
- MOSQUITO CONTROL - OKLAHOMA
Griffith, Okla Acad Sci. P. 27:24-34, 1947
- MOSQUITO CONTROL - OPEN AREAS
Wisecup et al., Mosq. News 6:20-24, 1946.
- MOSQUITO CONTROL - OREGON
Lee, N. J. Mosq Exterm. Assoc. P 34:69-72, 1947.
- MOSQUITO CONTROL - OREGON (PORTLAND)
Lee, Cal Mosq. Control Assoc. P. 15: 41-43, 1947.
- MOSQUITO CONTROL - OUTDOOR GATHERINGS
Reeves et al., N. J. Mosq. Exterm. Assoc P 33:104-106, 1946.
- MOSQUITO CONTROL - PANAMA
i Meyer, Tenn. Acad. Sci. J. 21:346-350, 1946.
i Stage, Mosq. News 6:12-13, 1946.

- MOSQUITO CONTROL - PENNSYLVANIA (DELAWARE CO)
Gies, N J Mosq Exterm Assoc P 33 102-104, 1946
Gies & Stabler, N J Mosq Exterm Assoc P 32 101-102, 1945
- MOSQUITO CONTROL - PENNSYLVANIA (PHILADELPHIA) - WARTIME
Reeves et al, N J Mosq Exterm Assoc P 32 100-101, 1945, 33 104-106, 1946
- MOSQUITO CONTROL - PHOTOGRAPHS
Hart, Mosq News 6 31, 1946
- MOSQUITO CONTROL - PRE-FLOOD.
see MOSQUITO CONTROL - PRE-HATCHING
- MOSQUITO CONTROL - PRE-HATCHING
Gjullin & Yates, Cal Mosq Control Assoc P 15 24-26, 1947
1 Hansens & Hart, N J Mosq Exterm Assoc P 34 136-143, 1947
Roth et al, Mosq News 7 154-155, 1947
Yates & Gjullin, Mosq News 7 4-6, 1947
- MOSQUITO CONTROL - PUBLIC RELATIONS
Glasgow, N J Mosq Exterm Assoc P 34 95-98, 1947
Ruth, N J Mosq Exterm Assoc P 33 163-165, 1946
U S. Pub Health Serv & Tenn Val Authority, Malar Control on Impound Water 206, 353-356, 1947
- MOSQUITO CONTROL - PUERTO RICO
Neill, P R J Pub Health & Trop Med 22 292-299, 1947 Spanish text, p 300-307
bi Pratt, U S Pub Health Rpts Sup 200, 38 p, 1947
- MOSQUITO CONTROL - RAIN BARRELS
Eide et al, J Ec Ent. 38:537-538, 1945
- MOSQUITO CONTROL - RECREATIONAL AREAS
Crater, N J Mosq Exterm Assoc P 33 71-75, 1946
b Post et al, N Dak Bmo B 10:61-66, 1947
- MOSQUITO CONTROL - RESERVOIRS
Rector, Natl Malar Soc J 5:277-283, 1946.
- MOSQUITO CONTROL - REVIEW
Bishopp & Stage, N J. Mosq. Exterm Assoc P. 32:13-35, 1945; 33:123-147, 1946; 34:13-31, 1947.
Hermes, Cal. Mosq Control Assoc P. 15:10-17, 1947.
b MacDonald, Medicina Rev. Mex 21 295-304, 1946.
- MOSQUITO CONTROL - RHODE ISLAND
Bartosewitz, N. J. Mosq. Exterm. Assoc. P. 33:165-166, 1946.
i Eddy, R. I. Dept. & Conserv. R 10: 46-48, 1945.
Knutson, R. I. Dept. Agr. & Conserv. R. 12:45-47, 1947.
Leaver, R. I. Dept. Agr. & Conserv. R. 11:34-37, 1946.
- MOSQUITO CONTROL - RICE FIELDS - DDT
Wisecup et al, J Ec Ent 39 52-55, 1946
- MOSQUITO CONTROL - SALT MARSHES
Botsford & Elston, Conn B 512:37-38, 1946
Brescia, J Ec Ent 39 702-707, 1946
Ginsburg, N J Mosq Exterm Assoc P 34 134-135, 1947
Ginsberg & Hansens, N J Mosq Exterm Assoc P 33 13-21, 1946
Hansens, Mosq News 6 181-182, 1946
Knippling, Natl Malar Soc J 5:115-117, 1946
i Lafferty, Mosq News 5 146-147, 1945
b Madden et al, Mosq News 5 100-104, 1945, 6 7-10, 1946
Madden et al, J Ec Ent 40 119-121, 123, 1947
Reiley, Mosq News 5 77-78, 1945
i Stearns et al, N J Mosq Exterm Assoc P 33 150-153, 1946
Williamson et al, N J Mosq. Exterm Assoc P 33.25-29, 1946
b Wisecup et al, Mosq News 6 14-16, 1946, 7 103-108, 1947
Cal. St Dept Pub Health B 44 rev 43-46, 1945
i N J C 502:19-22, 1946
- MOSQUITO CONTROL - SCREENING
bi Bacon, Mosq News 6 85-88, 1946
bi Block, Amer J Pub Health 36 1279-1286, 1946
Block, Science 104 447, 1946
b Kenney, Natl Malar Soc J 5 223-227, 1946
bi Kruse & Gartrell, Natl. Malar Soc J 4 133-146, 1945
i Magoon, Salub y Asist Soc B Ofic 48 361-368, 448-450, 566-567, 1945
i Russell et al, Pract Malar 507-512, 1946
Stearns et al, Del B 263 24-25, 1947
Trullinger et al, USDA OES R f. 1945/46 113, 1947
Weathersbee, Natl Malar Soc. J 5: 267, 1946
Cal St Dept Pub Health B. 44 rev 49-50, 1945
i U S Pub Health Serv & Tenn. Val. Authority, Malar Control on Impound Water 192-201, 1947
i U S War Dept TM 5-632 (PB-2435)-26-27, 1945
- MOSQUITO CONTROL - SMALL AREAS
i Hart & Hansens, N J. Mosq. Exterm. Assoc P 34:144-148, 1947
- MOSQUITO CONTROL - SONIFICATION RECORDS
Kahn, Pests 13(5):24, 1945
Kahn, Rev Kuba Med Trop y Parasit 3:119-120, 1947.
Kahn et al., J. Bact 50:239, 1945. (Abs.)
- MOSQUITO CONTROL - SPECIALISTS - OUTLOOK
Dorer, N. J. Mosq Exterm. Assoc. P. 32:93-94, 1945.

MOSQUITO CONTROL - SPECIES ERADICATION

Stage, Natl. Malar. Soc. J 5:99-101, 1946

MOSQUITO CONTROL - SPECIES SANITATION

Simmons, Natl. Malar. Soc. J. 5:161, 1946.

MOSQUITO CONTROL - STATISTICAL METHODS

Knowles, Natl. Malar. Soc. J. 5 234-243, 1946.

MOSQUITO CONTROL - STREET INLETS

Gray, Cal Mosq Control Assoc. P 14:61-63, 1946.

MOSQUITO CONTROL - TENNESSEE VALLEY

Clapp, U S. T. V. A R f 1944/45 54-56.

i Davis, Engin News-Rec. 135:38-41, 229-231, 1945.

Hess, N Cent. Weed Control Conf P 3:119-120, 1947?

ii Kiker & Sparkman, Natl Malar Soc J 4 209-222, 1945

Watson et al., Natl Malar Soc. J 5 193-203, 1946

MOSQUITO CONTROL - TENNESSEE VALLEY (KENTUCKY RESERVOIR)

Gartrell, Natl. Malar. Soc. J 4:63-65, 1945

b Hess & Keener, Amer J Hyg 45: 133-143, 1947

bi Kruse & Gartrell, Natl. Malar Soc. J 4:133-146, 1945.

MOSQUITO CONTROL - TENNESSEE VALLEY (WHEELER RESERVOIR)

bi Hinman & Cutkomp, Amer. J. Trop Med 27:449-461, 1947.

MOSQUITO CONTROL - TEXAS

Cranford, East Texas 19(11):7,13, 1945

MOSQUITO CONTROL - TIDE GATES

Jones, Natl. Malar. Soc. J. 4:99-104, 1945

MOSQUITO CONTROL - U. S. ARMY

McCoy, N. J. Mosq. Exterm. Assoc. P. 32:236-238, 1945.

MOSQUITO CONTROL - U. S. NAVY

McIntire, U. S. Navy NavMed 117 rev.: 391-392, 1945.

MOSQUITO CONTROL - U. S. PUBLIC HEALTH SERVICE

i Bradley & Lyman, N. J. Mosq. Exterm. Assoc. P. 34:41-50, 1947.

MOSQUITO CONTROL - UTAH (SALT LAKE CITY)

i Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16,11 p., 1945; 17,7 p., 1946; 18,7 p., 1947.

MOSQUITO CONTROL - VALUE

Headlee, Mosq. of N. J. & Their Control:318-323, 1945.

MOSQUITO CONTROL - VIRGINIA

Dorer, N. J. Mosq. Exterm. Assoc. P. 34:81-82, 1947.

MOSQUITO CONTROL - VIRGINIA (NORFOLK)

Ruth, Mosq. News 5:45-48, 1945.

Ruth, N. J. Mosq. Exterm. Assoc. P. 32:94-96, 1945.

MOSQUITO CONTROL - WOMEN'S CLUBS

Flory, N. J. Mosq. Exterm. Assoc. P. 34 10-13, 1947

Hilton, N. J. Mosq. Exterm Assoc. P. 32:179-180, 1945.

Williams, N. J. Mosq. Exterm Assoc. P 33 106-108, 1946

MOSQUITO CONTROL & VEGETATION

b Hess & Hall, Natl. Malar. Soc J 4: 20-46, 1945.

MOSQUITO CONTROL & VEGETATION, see also MOSQUITOES - BREEDING PLACES - AQUATIC PLANTS

MOSQUITO CONTROL & WEATHER

Mulhern, N. J. Mosq. Exterm Assoc P 33:90-91, 1946

Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16.4, 1945, 17-3-4, 1946, 18 3-4, 1947.

MOSQUITO CONTROL & WILDLIFE

Duck, Okla. Game & Fish News 2(4) 6-7, 1946.

Simmons, J. Ec Ent 39 16-17, 1946

U. S. Pub Health Serv & Tenn. Val Authority, Malar Control on Impound Water 158-159,341-348, 1947.

MOSQUITO CONTROL & WILDLIFE - MUSKRATS

i Stearns et al., N. J. Mosq Exterm Assoc. P. 34:82-95, 1947

MOSQUITO CONTROL SOCIETIES - AMERICAN MOSQUITO CONTROL ASSOCIATION

Glasgow, Mosq. News 7:168-169, 1947

Stage, Mosq. News 7 121, 1947.

Trembley, Mosq. News 6:31-36, 1946

MOSQUITO CONTROL SOCIETIES - AMERICAN MOSQUITO CONTROL ASSOCIATION - CONSTITUTION & BYLAWS

Mosq. News 5:56-58, 1945.

MOSQUITO CONTROL SOCIETIES - AMERICAN MOSQUITO CONTROL ASSOCIATION - MEETINGS - PROCEEDINGS

Mosq. News 6:99-101,195-201, 1946; 7:160-163, 1947.

MOSQUITO CONTROL SOCIETIES - AMERICAN MOSQUITO CONTROL ASSOCIATION - PERMANENT FUND

Glasgow, Mosq. News 7:41, 1947.

MOSQUITO CONTROL SOCIETIES - FLORIDA ANTI-MOSQUITO ASSOCIATION

Peters, Mosq. News 6:136-137, 1946

MOSQUITO CONTROL SOCIETIES - HOWARD-KRAUSS SOCIETY

Barnett, Mosq. News 5:65, 1945.

MOSQUITO CONTROL SOCIETIES - NEW JERSEY MOSQUITO EXTERMINATION ASSOCIATION - CONSTITUTION

N. J. Mosq. Exterm. Assoc. P. 34: 206-209, 1947.

**MOSQUITO CONTROL SOCIETIES -
NEW JERSEY MOSQUITO EX-
TERMINATION ASSOCIATION -
REPORTS**

Mulhern et al., N J Mosq Exterm
Assoc. P 32:185-195, 1945, 33:112-
123, 1946, 34:120-127, 1947

MOSQUITO NETS

Afridi & Arthur, Mil Surg 97:90-91,
1945

1 Magoon, Salub y Asist Soc B Ofic
48:368-371, 502-503, 1945

Marshall, U S War Dept TB Med
164:8, 1945.

1 Russell et al., Pract Malar 512-
516, 1946

Travis, Mosq News 6:25-26, 1946

MOSQUITOES

Arnason et al., Can Ins Pest Rev 24
91, 1946

Bird & Mitchener, Can Ins Pest Rev
24:72, 1946

Buckell, Can Ins Pest Rev 24:116,
1946

Buckell et al., Can Ins Pest Rev 25
114-115, 1947

bi Cameron, Parasites of Man ed 2
134-139, 1946

1 Carrighar, One Day at Teton Marsh
66-74, 1947

1 Gates, Outdoor Neb 24(1):14-16,
1946

Gregson, Can Ins Pest Rev 24:129,
1946

1 Mallis, Handb of Pest Control 405-
415, 1945

Manson et al., Can Ins Pest Rev 24
103, 1946

Mitchener, Manitoba Dept Agr &
Immigr Pub 213:4-6, 1947

1 Putnam, Collier's 120(1):38-39, 1947

Ward, B C Dept Agr R 41:W108,
1947

MOSQUITOES. see also CULICIDAE

MOSQUITOES - AEROSOLS

b Ginsburg, Mosq News 6:137-139,
1946

Glasgow, Mosq News 7:22-27, 1947

1 Raley, Mosq News 7:58-63, 1947

Rice et al., J Ec Ent 39:652-658,
1946.

MOSQUITOES - AEROSOLS - DDT

bi Barnes et al., Chem. Indus 60:239-
240, 339, 1947.

Brescia, J Ec. Ent. 39:698-715, 1946.

Brescia & Wilson, J Ec. Ent 40:309-
313; 313-319, 1947

b Brescia et al., Ent News 57:180,
182-183, 1946.

Dove, USDA EPQ E-673:3-4, 1945.

Jones et al., J. Ec. Ent. 38:432-433,
1945

Stage, N. J. Mosq. Exterm. Assoc P
32:68-69, 1945.

MOSQUITOES - AESTHENOBIOSES

b Abbott, Turtlox News 24:184, 1946.

MOSQUITOES - ALABAMA

Carpenter & Chamberlain, J. Ec Ent.
39:85-86, 1946.

MOSQUITOES - ALASKA

Stage & Chamberlin, Mosq. News 5:
8-16, 1945.

MOSQUITOES - ALASKA--Continued
Stage & McKinlay, Mosq News 6:131,
1946

MOSQUITOES - BIOLOGY

bi Headlee, Mosq of N J & Their
Control 33-231, 1945

**MOSQUITOES - BITES - PROTECTION
AGAINST**

U S Army Med Dept B 4:538-539,
1945

**MOSQUITOES - BITES - PROTECTION
AGAINST. see also MOSQUITOES -
REPELLENTS**

MOSQUITOES - BREEDING PLACES

Afridi & Arthur, Mil Surg 97:89-90,
1945

Bonnet, Hawaiian Acad Sci P 22:6-
7, 1947 (Abs)

bi Bonnet, Hawaiian Ent Soc P 13
43-49, 1947

Botsford, Conn B 488:323-329, 1945

Botsford & Elston, Conn B 512:39-
42, 1946.

Gilbertson, Amer J Pub Health 35

263, 268-269, 1945

Gjullin & Yates, Mosq News 5:123-
127, 1945

Good, Mosq News 6:76-77, 1946

Gray, Cal Mosq Control Assoc P.
14:61-63, 1946

Gray, Alameda Co (Cal) Mosq
Abatement Dist R f 1946:7-8, 10,
12, 15, 20, 1947

Gunther, Pract Malar Control 18-
22, 1944

Hall, Air Surg B 2:71-72, 1945

Henderson, Amer City 62(4):104-106,
1947

Jackson, Water Works & Sewerage
92:233, 1945

Magoon, Salub y Asist Soc B Ofic
48:185-213, 217-238, 544, 1945.

Marshall, U S War Dept TB Med
164:7-8, 11, 1945

Mulhern, N J Mosq Exterm Assoc
P 32:160-161, 163, 168-170, 1945,
33:93, 95, 97-98, 1946

1 O'Neill, Sci News Let 52:310-311,
1947

Peters, Cal Mosq Control Assoc P
15:86-87, 1947

Rees, Salt Lake City Mosq Abatement
Dist R Sum 16:4-5, 1945, 17:4,
1946, 18:4, 1947

1 Ross, Ill Nat Hist Surv B 24:5-8,
1947.

bi Russell et al., Pract Malar 474-
501, 1946

Stubbs, J Health & Phys Educ 16
226-227, 1945

Wilbar, Amer J Pub Health 37:663-
674, 1947

Wishart & James, Ent Soc Ont R
76:40-45, 1946

Cal. St Dept Pub Health B. 44 rev.
27:46-49, 1945

1 N J. C. 502:11-14, 18-19, 23-27, 31,
1946.

1 U S. War Dept TM 5-632
(PB-2435):5-6, 23-25, 1945.

**MOSQUITOES - BREEDING PLACES -
AQUATIC PLANTS**

- Deonier et al., J. Ec. Ent. 38:245, 1945
Eide et al., Mosq. News 6:17, 1946.
Hansens, Mosq. News 6 181-182, 1946.
Martin, N. J. R. 67:82, 1947?
Meyer, Amer. J. Bot. 33:221, 1946 (Abs.)
bi Meyer, Torrey Bot. Club B 74:257-261, 1947.
b Penfound et al., Ecology 26 332-352, 1945.
Peters, N. J. Mosq. Exterm. Assoc. P. 34:113-114, 1947.
bi Pratt, U. S. Pub. Health Rpts. Sup 200,38 p., 1947.
Price & Lyman, U. S. Pub. Health Rpts. 60:985-994, 1945
b Vogt, J. Ec. Ent. 40:321,324-325, 1947.
Watson et al., Natl. Malar. Soc. J. 5 197-198, 1946
Wilson, Mosq. News 5:50, 1945
bi U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water 138-145,315-340, 1947

**MOSQUITOES - BREEDING PLACES -
BROMELIADS**

- bi Downs & Pittendrigh, Amer. J. Trop. Med. 26 47-66, 1946
Stage, Sci. News Let. 52:136, 1947

**MOSQUITOES - BREEDING PLACES -
CATCH BASINS**

- Clarke, N. J. Mosq. Exterm. Assoc. P. 33:80, 1946.
Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:9-13, 1946

**MOSQUITOES - BREEDING PLACES -
DITCHES, TIDAL**

- i Dalencour, Mosq. News 5:87, 1945

**MOSQUITOES - BREEDING PLACES -
DRAINS, STORM**

- i Appel, Sewage Works Engin. 18:13-15, 1947

**MOSQUITOES - BREEDING PLACES -
IRRIGATED AREAS**

- Washburn, N. J. Mosq. Exterm. Assoc. P. 34:64-68, 1947

**MOSQUITOES - BREEDING PLACES -
IRRIGATION CANALS & SEWER
FARMS**

- Robinson et al., Cal. Mosq. Control Assoc. P. 14:56-59, 1946

**MOSQUITOES - BREEDING PLACES -
RICE FIELDS**

- Knowles & Fisk, U. S. Pub. Health Rpts. 60:1005-1019, 1945.
bi Reyes, Soc. Mex. Hist. Nat. Rev. 6: 161-178, 1945.
bi Rosenstiel, J. Ec. Ent. 40:795-800, 1947.

**MOSQUITOES - BREEDING PLACES -
SALINE CONTENT**

- Rees & Nielsen, N. J. Mosq. Exterm. Assoc. P. 34:164, 1947.

**MOSQUITOES - BREEDING PLACES -
SALT MARSHES**

- Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:13-21, 1946.

**MOSQUITOES - BREEDING PLACES -
SALT MARSHES--Continued.**

- Hathaway, La. Acad. Sci. P. 9:81, 1945.

- Reiley, Mosq. News 5:77-78, 1945

**MOSQUITOES - BREEDING PLACES -
SNOW WATER**

- Roth et al., Mosq. News 7:154-156, 1947

**MOSQUITOES - BREEDING PLACES -
TIDAL DITCHES**

- i Dalencour, Mosq. News 5 87, 1945.

**MOSQUITOES - BREEDING PLACES -
TREE HOLES**

- Brooks, Ind. Acad. Sci. P. 56:154-156, 1947?

- bi Jenkins & Carpenter, Ecol. Monog. 16 31-47, 1946

- Seabrook & Duffey, Mosq. News 6: 194, 1946

**MOSQUITOES - BREEDING PLACES &
WATER USE**

- Stead, Cal. Mosq. Control Assoc. P. 15:102-105, 1947

MOSQUITOES - CAGES

- Gigholi, Natl. Malar. Soc. J. 6:159-160, 1947

- Trapido, Amer. J. Trop. Med. 26 391-392, 1946

- i Young & Burgess, Science 104 375, 1946.

MOSQUITOES - CALIFORNIA

- Pierce et al., Sanitarian 7:718-726, 1945.

- bi Seaman, Mosq. News 5:89-95, 1945

MOSQUITOES - CLASSROOM MATERIAL

- i Bullington, Amer. Biol. Teacher 9 199-203, 1947

MOSQUITOES - COLORADO (DENVER)

- Lasky, Ent. News 57:188-193,222-228, 1946

MOSQUITOES - CONNECTICUT

- Botsford & Elston, Conn. B. 512:36-37,41, 1946

- bik Matheson, Conn. St. Geol. & Nat. Hist. Surv. B. 68,48 p., 1945

MOSQUITOES - DELAWARE

- Wolfenbarger & Rice, Del. B. 259:19, 1945

MOSQUITOES - DISEASES, FUNGUS

- bi Couch, Elisha Mitchell Sci. Soc. J. 61:124-136, 1945.

- bi Couch & Dodge, Elisha Mitchell Sci. Soc. J. 63:69-79, 1947.

**MOSQUITOES - DISPERSAL BY AIR-
CRAFT**

- b Miller et al., Natl. Malar. Soc. J. 6:227-243, 1947.

- Mulrennan et al., Natl. Malar. Soc. J. 4:56-58, 1945.

**MOSQUITOES - DISPERSAL BY SHIPS -
TIRE CARGOS**

- Pratt et al., Mil. Surg. 99:785-788, 1946.

MOSQUITOES - DISTRIBUTION

- Bishop & Stage, N. J. Mosq. Exterm. Assoc. P. 32:21-22, 1945; 33:132-134, 1946.

- b Miles & Rings, J. Ec. Ent. 39:387-391, 1946.

MOSQUITOES - DISTRICT OF COLUMBIA

b Good, Wash Ent. Soc P 47 168-179, 1945

MOSQUITOES - ECOLOGY

Bishopp & Stage, N J Mosq Exterm Assoc P 32 19-20, 1945, 33 127-130, 1946

b Davis, Ent Soc Wash P 47:252-256, 1945

bi Headlee, Mosq. of N J. & Their Control 232-263, 1945

Schmitt, N J Mosq Exterm Assoc P 32 202-210, 1945

Wilson, Mosq News 5 50, 1945

MOSQUITOES - ECOLOGY - TENNESSEE VALLEY

bi Hall et al., Tenn. Acad Sci J 21 18-59, 1946

MOSQUITOES - FLIGHT RANGE

Freeborn et al., Cal Mosq Control Assoc P 14 69-71, 1946

Headlee, Mosq of N J & Their Control 260-263, 1945

Stage & Chamberlin, Mosq News 5 13-16, 1945

Reeves et al., Cal Mosq Control Assoc P 15:90-92, 1947

Cal St Dept Pub Health B 44 rev 17-18, 1945

MOSQUITOES - FLORIDA

Carpenter & Chamberlain, J Ec Ent 39 87-88, 1946

Edwards & Porter, J Ec Ent 38 612-615, 1945

MOSQUITOES - FLORIDA KEYS

b Pritchard et al., Fla Ent 30 8-15, 1947

MOSQUITOES - FORCED FEEDING

Maple, J Ec Ent 38:437, 1945

MOSQUITOES - GEORGIA

Carpenter & Chamberlain, J Ec Ent 39 84-85, 1946

MOSQUITOES - HABITS & BEHAVIOR

Brescia, J Ec Ent 39 701-702, 1946

DeLong, Newsweek 28(17) 66, 1946

MOSQUITOES - HABITS & BEHAVIOR - FEEDING

i Arnold et al., U S Pub Health Rpts 61 1244-1249, 1946

b Davis, Wash Ent. Soc P 47 252-256, 1945

b Newton & Pratt, Amer J Trop Med 26 699-706, 1946

b Rempel et al., Can. J Res Sect E 24 71-78, 1946

bi Riddell et al., Can J Res Sect E 25:210-215, 1947

MOSQUITOES - HABITS & BEHAVIOR - MATING

b Abbott, Turtox News 24 105, 1946.

MOSQUITOES - HABITS & BEHAVIOR - OVIPOSITION

b Abbott, Turtox News 24.105-106, 1946.

MOSQUITOES - HABITS & BEHAVIOR - STRATIFICATION

b Bates, Ecology 28:80-81, 1947

MOSQUITOES - IDAHO

Harmston & Rees, Pan-Pac. Ent. 22:148-156, 1946.

MOSQUITOES - ILLINOIS

bik Ross, Ill Nat Hist Surv B 24:1-96, 1947

MOSQUITOES - INSECTICIDES

Chandler, Rice Inst Pam 33 246-251, 1946

Hermes, Cal C 365 98-100, 1946

Hermes, Cal Mosq Control Assoc P 14 3-6, 1946

Knipling, USDA YB f 1943/47 634-636, 639-642

Longworth, Mosq News 6 132-135, 1946

b Roark, USDA EPQ E-652 13-26, 1945

Russell, Amer J Trop Med 26:10-11, 1946

MOSQUITOES - INSECTICIDES - DDT

Baillie, Can J Pub Health 37 214-215, 1946.

Bishopp, Amer J Pub Health 36

601-602, Pests 14(8) 22, 1946

Dove, USDA EPQ E-673 3-4, 1945

Ginsburg, J Ec Ent 38 494-495, 1945

i Johns, Printers' Ink 211(4) 19-20, 1945

Knipling, J Ec Ent 39 360-362, 1946

Muma, Neb Ext CC 100.3 p, 1947

Parran, U S Pub Health Serv Ann R 73 [ie 74] f 1944 45 96

Randolph, Tex Acad Sci P & Trans 29 50, 1946

Simmons, U S Pub Health Rpts Sup 186 1-2, 1945

Simmons, Natl Malar Soc J 5 157-160, 1946

bi Stage, N J Mosq Exterm Assoc P 32 62-73, 1945

i Wilmot, Civil Engin. 16 60-61, 1946

i Life 20(3) 10-11, 1946

U S Army & U S Public Health Serv., J Ec Ent 38 284, 1945

U S Army & U S Public Health Serv., U S Pub Health Rpts 60 469-470, 1945

U S Public Health Serv., Ofic Sanit Pan Amer B. 26 772-774, 1947

MOSQUITOES - INSECTICIDES - DDT & OIL

Annand, USDA EPQ R f 1945/46 8.

Hansens, J. Ec Ent 40:755, 1947

MOSQUITOES - INSECTICIDES - DDT MIXTURES

Stage & Irons, USDA YB f 1943/47 835-837

MOSQUITOES - INSECTS MISTAKEN FOR

i Cal St Dept Pub Health B 44 rev 55, 1945.

MOSQUITOES - KANSAS

Dean et al., Kans Ent Soc J 18 93, 1945

Smith et al., Kans Ent. Soc J 19:49, 1946, 20 55, 57, 1947.

MOSQUITOES - LARVAE - QUIETING

Gerberich, J Ec Ent 38 393-394, 1945

MOSQUITOES - LARVAE - PENETRATION OF FAT SOLVENTS

b Richards & Weygandt, N. Y. Ent. Soc. J. 53:153-165, 1945

MOSQUITOES - LARVICIDES

Annand, USDA EPQ R. f. 1946/47:17-18.

1 Appel, Sewage Works Engin 18 14-15, 1947

Bennett, Chem. Specialties:275, 1946
b Bushland, Mosq. News 7 14-17, 1947.

Deonier & Jones, Sci. News Let 49:35-36, 1946.

1 Deonier et al., USDA EPQ E-733:7-9, 15-16, 20-235, 1947.

Dews & Morrill, J. Ec. Ent. 39:349, 1946

Gertler, USDA EPQ E-705:9-10, 1946
Ginsburg, N. J. Mosq. Exterm. Assoc. P. 34:134-135, 1947

Goldsmith, Science 103 651, 1946.

Goldsmith & Harnley, Sci. News Let 49:389, 1946

Headlee, Mosq. of N. J. & Their Control 289-300, 1945

1 Henderson, Amer. City 62(4):104-106, 1947

Jackson, Water Works & Sewerage 92 233-234, 1945

Kiker & Sparkman, Natl. Malar. Soc. J. 4:215-216, 1945.

Levi-Castello, J. Ec. Ent. 38 388, 1945

Magoon, Salub. y Asist. Soc. B. Ofic. 48 379-383, 1945.

Magy & Hoskins, J. Ec. Ent. 38 524-527, 1945

Mathis et al., U. S. Pub. Health Rpts 62 95-102, 1947

Mulhern, N. J. Mosq. Exterm. Assoc. P. 32:166, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45 58, 95-96

Roth et al., Mosq. News 7 154-156, 1947

b1 Russell et al., Pract. Malar. 417-444, 1946.

Watson et al., Natl. Malar. Soc. J. 5:195-196, 199, 203, 1946

Cal. St. Dept. Pub. Health B. 44 rev. 35-43, 1945

1 U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:149-181, 183-185, 385-387, 389, 1947.

MOSQUITOES - LARVICIDES - DDT

Annand, USDA EPQ R. f. 1944/45:9.

Carollo, Amer. Waterworks' Assoc. J. 37:1310-1312, 1314-1316, 1945.

Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):12-13, 1946.

Eide et al., J. Ec. Ent. 38 537-541, 1945.

Gardiner, Can. Min. Agr. R. f. 1945/46:82

b Ginsburg, N. J. Mosq. Exterm. Assoc. P. 32:45-56, 1945.

Gray, Alameda Co. (Cal.) Mosq. Abatement Dist. R. f. 1944:7-8, 1945

Hanson, Pests 14(8):10, 12, 1946.

MOSQUITOES - LARVICIDES - DDT-Continued

Hess & Keener, Sci. News Let 50:264, 1946.

Johnson, Miss. Doctor 22:269-270, 1945.

Jones & Fluno, J. Ec. Ent. 39 536-537, 1946

Knipe, Agr. Engin. 26:459-460, 1945.

b Knipling, Natl. Malar. Soc. J. 4:77-92, 1945

Martin, N. J. R. 67:80-81, 1947?

Robinson, Cal. Mosq. Control Assoc. P. 15:128-130, 1947.

Simmons, U. S. Pub. Health Rpts 60 923-927, 1945.

Tarzwell, U. S. Pub. Health Rpts 62:525-554, 1947

Wilbur, Hawaii Bd. Health R. f. 1944/45:66.

Wolman, Ofic. Sanit. Pan. Amer. B. 25 323-324, 1946.

USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606 12-20, 1946

MOSQUITOES - LARVICIDES - DDT - ISOMERS

Ginsburg, Science 105:233-234, 1947.

MOSQUITOES - LARVICIDES - DDT - NATURAL WATERS

U. S. Army Med. Dept. B. 4 633-634, 1945

MOSQUITOES - LARVICIDES - DDT - RELATED COMPOUNDS

Chase, Sci. News Let 50:152, 1946.

b Deonier et al., Soap & Sanit.

Chem. 22(11):118-119, 139, 1946

Ginsburg, Science 105:233-234, 1947

MOSQUITOES - LARVICIDES - DDT & OIL

b Arnold et al., U. S. Pub. Health Rpts Sup. 186:66-79, 1945.

Johnson, U. S. Pub. Health Rpts. 62:1085-1095, 1947

Longworth, N. J. Mosq. Exterm. Assoc. P. 34:102-108, 1947.

McGowan & Gray, Cal. Mosq. Control Assoc. P. 15:135-141, 1947.

Oppermann, Franklin Inst. J. 240:252-253, 1945.

Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:279-280.

Taggart, Cornell Vet. 36:164, 1946.

Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:4-6, 1947.

MOSQUITOES - LARVICIDES - DDT & VELSICOL NR-70

Metcalf et al., Cal. Mosq. Control Assoc. P. 15:28-34, 1947.

MOSQUITOES - LARVICIDES - DDT & XYLENE

Reeves, Cal. Mosq. Control Assoc. P. 14:59-60, 1946.

MOSQUITOES - LARVICIDES - DDT EMULSIONS

Eide et al., Mosq. News 6:17-19, 1946.

MOSQUITOES - LARVICIDES - SPECIES SUSCEPTIBILITY

Incho & Deonier, Mosq. News 7:67-70, 1947.

MOSQUITOES - LONGEVITY

b Bates, Ent. Soc. Amer. Ann 40 5-8, 11, 1947

Freeborn et al, Cal Mosq Control Assoc P 14:71, 1946

Cal. St Dept Pub Health B 44 rev 17, 1945

MOSQUITOES - MAINE

b Bean, Can. Ent 78:25-28, 1946

MOSQUITOES - MIGRATION

Brescia, Ent Soc Amer Ann 40 69-74, 1947

MOSQUITOES - MILITARY ZONES

Bick, J Ec Ent 39 89-91, 1946

Carpenter & Chamberlain, J Ec Ent 39 82-88, 1946

b Miles & Rings, J Ec Ent 39 387-391, 1946

MOSQUITOES - MILITARY ZONES, see also MOSQUITO CONTROL - MILITARY ZONES

MOSQUITOES - MISSISSIPPI

Carpenter & Chamberlain, J Ec Ent 39 86-87, 1946

b Michener, Amer Mid Nat 37 325-374, 1947

b Peterson & Smith, J Ec Ent 378-383, 1945

MOSQUITOES - MORPHOLOGY

Bishopp & Stage, N J Mosq Exterm Assoc P 32 18, 1945

MOSQUITOES - NERVOUS SYSTEM -

- EFFECT OF INSECTICIDES

b Richards & Cutkomp, N Y Ent Soc J 53 313, 323-330, 1945

MOSQUITOES - NEW HAMPSHIRE

Conklin et al, N H B 372 31-32, 1947

MOSQUITOES - NEW JERSEY

bik Headlee, Mosq of N J & Their Control, 326 p., 1945

MOSQUITOES - NEW YORK

Suffolk Co N. Y Mosq Exterm Comm R f 1944/45:9

MOSQUITOES - NORTH CAROLINA

Carpenter & Chamberlain, J Ec Ent 39 83, 1946

MOSQUITOES - OVICIDES

Hatchett, U S Pub Health Rpts 61 683-685, 1946

MOSQUITOES - PENNSYLVANIA

Breland, Mosq News 7:78-77, 1947.

b Wilson et al, Mosq. News 6:78-84, 1946

MOSQUITOES - POPULATIONS - SAM-

PLING

b Horsfall, Ent. News 57 242-244, 1946

Knowles & Fisk, U. S. Pub. Health Rpts 60 1008-1019, 1945

b Stabler, Ent News 56:93-99, 1945.

i Stage & Chamberlain, Mosq. News 5: 8-16, 1945.

MOSQUITOES - PREDATORS

Calvert, Ent. Soc. Wash. P. 49:171-172, 1947.

b Newkirk, Ent. Soc. Amer. Ann 40: 522-527, 1947.

MOSQUITOES - PREDATORS - PRE-CIPITIN TEST

b Brooke & Proske, Natl. Malar Soc J 5:45-56, 1946.

MOSQUITOES - PREDATORS, LARVAL

Travis, Ent Soc Wash P 49:20-21, 1947

MOSQUITOES - REARING

i Eide, Mosq News 5:82-85, 1945

Ross, Ill Nat Hist Surv B 24 13-14, 1947

MOSQUITOES - REARING - BLOOD-LESS

Adams, Turtox News 24 174, 1946

MOSQUITOES - REPELLENTS

Afridi & Arthur, Mil Surg 97 90, 1945

Annand, USDA EPQ R f. 1944/45 18.

Cameron, Parasites of Man ed 2 138, 1946

Conrad, J For 43 926, 1945

Elmendorf et al, Amer. J Trop Med 26 680-682, 1946

Granett, Sci News Let 48 375, 1945.

Hall, U S Dept Com Off. Pub Bd R. 252 10-13, 1945

Haller, Indus & Engin. Chem. Indus ed 39 472, 1947

Headlee, Mosq of N J & Their Control 301-303, 1945

Hoskins, Pest Control & Sanit 2(1) 15, 1947.

Howland, Better Homes & Gard 25(10):27, 1947

Knipling, Natl Malar Soc J 5 119-120, 1946

b McIndoo, USDA EPQ E-666 6, 1945

Marshall, U S War Dept TB Med 164:3, 1945

b Pijoan, Soap & Sanit Chem 23(3) 124-127, 173, 175, 1947

Pijoan et al, U S Navy Med Bul 46 1517, 1519, 1946.

Russell, Amer J Trop Med 26 9-10, 1946

Russell et al, Pract Malar 518-520, 1946

Setterstrom, Mosq. News 6:186-188, 1946

Simmons, Natl. Malar Soc J 5 161, 1946

i Sinks, Collier's 118(2):38,50-51, 1946

Smadel & Curtis, U. S Dept. Com Off. Pub Bd R 240:9, 1945

Tower, Maine For Serv C 7:7-8, 1947.

Travis, Amer Perfumer & Essential Oil Rev 50:141-142, 1947

Travis, USDA YB f. 1943/47:628-630.

i Dow Chem Co., Down to Earth 1(2): 11-12, 1945

i USDA EPQ Orlando, Fla. Lab., USDA Misc. Pub 606:59-64, 1946

MOSQUITOES - REPELLENTS - AD-

JUVANTS

Morton, N. J. Mosq. Exterm Assoc P 33:69-71, 1946.

MOSQUITOES - REPELLENTS - TESTS

Annand, USDA EPQ R f 1945/46:14.

MOSQUITOES - REPELLENTS - TESTS--Continued

- b Granett & Haynes, J. Ec Ent. 38 671-675, 1945.
Granett & Haynes, N J Mosq Exterm. Assoc P. 32:82-87, 1945
Jachowski & Pijoan, Science 104 266-269, 1946
Linduska & Morton, J Ec Ent 40 562-564, 1947
i Morton et al., USDA EPQ E-733 10-11, 18-235, 1947.
b Pijoan et al., U S Nav Med. Bul 46 1506-1522, 1946
Travis, Natl Malar Soc J 6:180-183, 1947.
Travis & Morton, N J Mosq. Exterm. Assoc P 33 65-69, 1946
Wadley, Biometrics B 2.30-31, 1946

MOSQUITOES - RESISTANCE TO DROUGHT

- Bick & Penn, Ent Soc Amer Ann 40 82-86, 1947

MOSQUITOES - RESTING PLACES

- Peters, Cal Mosq Control Assoc P 15 87-89, 1947.

MOSQUITOES - SHIPPING

- Gunther, Pract Malar Control 17, 1944
McLintock, Can J Res. Sec E 24: 60-61, 1946

MOSQUITOES - SHIPPING - PACKING EQUIPMENT

- i Carpenter, J Ec Ent 38 501, 1945
i Carpenter, Amer Mid. Nat. Monog 3 20-21, 1946

MOSQUITOES - SOUTH CAROLINA

- Carpenter & Chamberlain, J Ec Ent 39:83-84, 1946

- b Weathersbee & Arnold, Tenn. Acad Sci. J 210-229, 1947

MOSQUITOES - SOUTH CAROLINA (PARRIS ISLAND)

- Bick, J Ec. Ent 39:89-91, 1946

MOSQUITOES - SPRAYING APPARATUS, see MOSQUITO CONTROL - EQUIPMENT - SPRAYING APPARATUS

MOSQUITOES - SPRAYS

- Annand, USDA EPQ R. f 1946/47 16-18
Gilbertson, Amer J. Pub. Health 35 264-266, 1945
b Knippling, Natl Malar. Soc J. 5.113-120, 1946
b Knippling, Pests 15(2):10,12, 1947.
i Kyd, Okla. Ext. C. 454-5-6, 1947
Miller, N. J. Mosq. Exterm Assoc. P. 34:52, 1947.
Post et al., N Dak Bimo. B. 10:61-66, 1947.
Tower, Maine For Serv. C. 7.5-6,8, 1947.

MOSQUITOES - SPRAYS - ADULT

- Annand, USDA EPQ R. f. 1943/44:25
Botsford & Elston, Conn. B. 512:39-44, 1946.
Bradley & Fritz, Natl Malar Soc. J. 6:117-121, 1947.
b Gahan & Payne, Amer. J. Hyg. 45: 123-132, 1947.

MOSQUITOES - SPRAYS - ADULT--Continued

- b Ginsburg, Mosq News 6 137-139, 1946
Hansens, N J. Mosq Exterm Assoc P 32:57-61, 1945
b Hess & Keener, Amer J Hyg 45: 133-143, 1947
bi Link, Natl. Malar. Soc J 6 124-130, 1947
Russell, Amer J Trop. Med 26 10, 1946
Russell et al., Pract. Malar 520-525, 1946
Yust, J Ec Ent 40 765-766, 1947
Cal St Dept Pub Health B 44 rev 50-51, 1945.

- U. S Pub Health Serv & Tenn Val Authority, Malar Control on Impound Water 182.203-222, 1947

MOSQUITOES - SPRAYS - ADULT - DDT

- Elmendorf, Amer J Trop Med 26 663-685, 1946
Hurlbut et al., U S Nav Med Bul 47 368-375, 1947
Jensen, N. C St Bd Health, Health B 60(10) 12-14, 1945.
Johnson, Natl Malar Soc J 5 5, 1946
Knowles & Smith, U S. Pub Health Rpts 60 1276-1279, 1945
Lafferty, N J Mosq Exterm Assoc P 34 182-184, 1947
i Lindquist et al., J Ec Ent 38 542-544, 1945
b Madden et al., Mosq News 5 100-104, 1945
Madden et al., J. Ec Ent. 39:463-467, 1946
Parran, U. S. Pub Health Serv Ann R. 73 [i e 74] f 1944/45 94-95.
Tarzwell & Stierli, U. S. Pub Health Rpts Sup 186 35-48, 1945.
b Trapido, Amer J Trop Med 26: 383-415, 1946.

- Warner, Med Assoc Ala. J 15 174-175, 1945

- Wisecup et al., Mosq News 6:20-24, 1946

- Yuill et al., Cal Mosq Control Assoc P 14:44-52, 1946.

MOSQUITOES - SPRAYS - ADULT - DDT & OIL

- Hart, N. J. Mosq. Exterm. Assoc P. 34:56-59, 1947.

- Williamson et al., N J Mosq. Exterm. Assoc. P 33:25-29, 1946

MOSQUITOES - SPRAYS - ADULT - DDT & XYLENE

- i Henderson, N. J. Mosq. Exterm. Assoc. P. 32:75-80, 1945

MOSQUITOES - SPRAYS - ADULT - DDT MIXTURES

- Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:17-22, 1946.

MOSQUITOES - SPRAYS - DDT

- Austin, Med. Assoc. Ala. J. 14:278-280, 1945.
Carr, Cal. Dept. Agr. B. 35:289, 1947.
Clarke, N. J. Mosq. Exterm. Assoc. P. 34:127-128, 131, 1947.

MOSQUITOES - SPRAYS - DDT--Continued

- Cottam, Cal Mosq Control Assoc P 14 32-33, 1946
 Daggy et al , Minn Ext. B 252 8-9, 1946
 Gray, Alameda Co. (Cal) Mosq Abatement Dist R f 1945 3-4, 1946
 Hall, Amer For 53 11,46-47, 1947
 Haseman et al , Mo C 309 4-5, 1946
 Higgins, Natl Shade Tree Conf P 23 152, 1947
 b Hinman & Cutkomp, Amer J Trop Med 27 449-461, 1947
 Hollis, Natl Malar Soc J 5 96, 1946
 Hoskins, Cal Mosq Control Assoc P 14 35-36, 1946
 b Knippling, Natl Malar Soc J 5 113-120, 1946
 Knowles, A I F News 3(3) 9, 1945
 LaMer, Mosq News 7 18-21, 1947
 Lawrence, Natl Shade Tree Conf P 23 153-155, 1947
 Mote, Oreg C Inform 389 4, 1946
 Price, Ky Ext C 438 3, 1947
 Reeves, U S Livestock Sanit Assoc P 49 156, 1946
 Simmons, U S Pub Health Rpts 60 917-927, 1945
 Smith, Dairy Prod J 41(1) 81, 1947
 Stage, Cal Mosq Control Assoc P 14 9-12, 1946
 Stage, Natl Malar Soc J 5 99-101, 1946
 Stage, J Ec Ent 40 759-762, 1947
 Taggart & Osmun, Pub Works 77(11) 29-30, 1947
 Twinn & Balch, Can Dept Agr Div Ent, Processed Pub 38 7-8, 1946
 Warrick, Water & Sewage Works 93 330, 1946
 Webster, Better Homes & Gard 24(9) 148-149, 1946
 Zappe et al , Conn B 501 40.47, 1946
 USDA EPQ & U S. Pub Health Serv , DDT for Control of Household Pests 7-8, 1947
 USDA EPQ Orlando, Fla , Lab , USDA Misc Pub 606.20-25, 1946
 U S. War Dept TB Med 194 (PB-2438) 16-17, 1945.
- MOSQUITOES - SPRAYS - DDT & OIL**
 Gray, Alameda Co. (Cal) Mosq Abatement Dist R f 1946 8-12, 1947
 Hansens, Sewage Works J 19 516-517, 1947
- MOSQUITOES - SPRAYS - DDT & OIL (FUEL)**
 Heath, Can J. Pub. Health 38:405-407, 1947
- MOSQUITOES - SPRAYS - DDT & XYLENE & KEROSENE**
 Botsford, Conn B. 501:36, 1946.
- MOSQUITOES - SPRAYS - DDT EMULSION**
 Cooke, Conn. B. 512:111, 1946.
- MOSQUITOES - SPRAYS - DDT MIXTURES**
 Elmendorf et al., Amer. J. Trop. Med. 27:137-144, 1947.

MOSQUITOES - SPRAYS - DDT MIXTURES--Continued

- b Gahan & Payne, Amer J Hyg 45 123-132, 1947
 Hess & Keener, Amer J Hyg 45 133-143, 1947
- MOSQUITOES - SURVEYS**
 Annand, USDA EPQ R f 1945/46 31.
 Botsford & Elston, Conn B 512 40-42, 1946
 Michener, Amer Mid Nat 37 330, 1947
 Mulhern, N J Mosq Exterm Assoc P 33 168-182, 1946
 Potter, N J Mosq Exterm Assoc P 34 194-195, 1947
- MOSQUITOES - SURVEYS - DISTRICT OF COLUMBIA**
 Good, Mosq News 6 76-77, 1946
- MOSQUITOES - SURVEYS - LOUISIANA**
 b Wirth, J Ec Ent 40 742-744, 1947
- MOSQUITOES - SURVEYS - MICHIGAN**
 Pierce, Mich Dept Health Mich Pub Health 33 129-130, 1945
- MOSQUITOES - SURVEYS - NEW JERSEY**
 Mulhern, N J Mosq Exterm Assoc P 32 145-158, 1945
- MOSQUITOES - SURVEYS - ONTARIO**
 Christie, Ont Agr Col & Expt Farm R 70 66, 1945
- MOSQUITOES - SURVEYS - TRAP**
 Gjullin & Yates, Mosq News 5 121-123, 127, 1945
 Hayship, Fla R f 1944 45 198
 Lasky, Ent News 57 189-190, 1946
 Miller, N J Mosq Exterm Assoc P 34 51-52, 1947
 Mulhern, N J Mosq Exterm Assoc P 33 98, 168-182, 1946. 34 168-180, 1947
 Rees, Salt Lake City Mosq Abatement Dist R Sum 16 5-8, 1945, 17 4-5, 1946, 18 4-5, 1947
 Stabler, Ent News 56 93-99, 1945
 Stearns et al , Del B 263 24, 1947.
 Suffolk Co [N Y] Mosq Exterm Conn R f 1944 45 7-8, f 1945/46 7-11, f 1946 47 6-8
 Williamson, N J Mosq Exterm Assoc P 34 79-80, 1947
 Williamson et al , N J Mosq. Exterm Assoc P 33 27-28, 1946
 Wisecup et al , Mosq News 6 20-24, 1946
 Wylie, Fla. R f 1946/47 203
 Wylie & Wilson, Fla R f 1945/46 189
- MOSQUITOES - SURVEYS - TRAP - SEPARATING COLLECTIONS**
 Gies & Brown, Mosq News 7:152-153, 1947
- MOSQUITOES - TAGGING**
 Levi-Castello, J Ec Ent 38:385, 1945
 Pal, Sci News Let. 52 168, 1947
 Zukel, Sci. News Let. 48.137, 1945.
- MOSQUITOES - TENNESSEE**
 Carpenter & Chamberlain, J Ec Ent 39 82, 1946
 bi Shlaifer & Harding, Tenn. Acad. Sci. J. 21 241-256, 1946.

MOSQUITOES - TRAP COLLECTIONS,
see MOSQUITOES - SURVEYS -
TRAP

MOSQUITOES - TRAPS

- Caldwell, P. R J Pub Health & Trop.
Med. 21:199, 1945.
Caldwell, Mosq. News 6:94, 1946
i Carpenter et al., Amer Mid. Nat.
Monog. 3:7-10, 1946.
i Davis, Ecol Monog 15:249-251,272,
1945
b Davis, Ent Soc. Wash. P. 47:253-
255, 1945
i Magoon, Salub. y Asist. Soc. B. Ofic
48:347-357,414-417; 498-501, 1945
Mulhern, N. J. Exterm Assoc P
32:144,169-170, 1945
Stage, J Ec. Ent 40:760, 1947
i Yeager, N. J Mosq. Exterm Assoc
P. 32:135-136, 1945
Zukauckas, N J. Mosq. Exterm
Assoc P 32:258, 1945.

MOSQUITOES - TRAPS - BAIT

- i Davis, Ecol. Monog 15:249-251,272,
293, 1945
Pratt, U S Pub Health Rpts. Sup
200:7-8,13-15,20, 1947
Trapido, Amer J Trop. Med 26 391,
406-410, 1946.

MOSQUITOES - TRAPS - DIRECTIONAL

- i Gordon & Gerberg, Natl Malar Soc.
J 4 123-125, 1945

MOSQUITOES - TRAPS - LIGHT

- Bradley, Cal. Mosq Control Assoc P
14 72, 1946
i McLintock, Can J Res. Sect. E 24
56-60, 1946
Rees, Salt Lake City Mosq. Abatement
Dist R. Sum 16:5-8, 1945, 17:4-5,
1946, 18 4-5, 1947
i Seaman, Mosq News 5:79-81, 1945
Twin, N J. Mosq Exterm Assoc. P.
32:243-244, 1945.
Weathersbee, N. J. Mosq Exterm
Assoc P. 32 99, 1945.
Wishart & James, Ent Soc Ont R 76
47-48, 1946

**MOSQUITOES - TRAPS - LIGHT vs
HUMAN BAIT**

- b Stabler, Ent. News 56:93-99, 1945.

MOSQUITOES - TRAPS - ROTARY

- i Stage & Chamberlin, Mosq News 5:
8-11, 1945.

**MOSQUITOES - TRAPS - SOUND REC-
ORDS**

- Kahn, Pests 13(5):24, 1945.

MOSQUITOES - TRAPS - WINDOW

- i Simmons, U. S. Pub. Health Rpts.
Sup. 186:3-8, 1945.

MOSQUITOES - ULTRASONIC WAVES

- bi Sautet et al., Rev Can. de Biol. 6:
179-210, 1947.

**MOSQUITOES - UNITED STATES
(SOUTHEASTERN)**

- b Carpenter et al., J. Ec. Ent. 38:401-
402, 1945.

**MOSQUITOES - UNITED STATES
(SOUTHERN)**

- bik Carpenter et al., Amer. Mid. Nat.
Monog. 3,292 p., 1946.

MOSQUITOES - VANCOUVER ISLAND
Downes, Victoria Nat. 2:43-44, 1945.

MOSQUITOES & AGRICULTURE

- b Pepper, N. J. Mosq. Exterm
Assoc. P 32:198-201, 1945.

MOSQUITOES & ANIMAL DISEASE

- Hutyra et al., Sp. Path. & Ther. of
the Dis of Dom. Anim. Eng. ed 5,
v 1.876-878, v 3:304b, 1946

**MOSQUITOES & ANIMAL DISEASE -
DOG FILARIASIS**

- i Bacigalupo, P. R J Pub Health &
Trop Med. 21(1) 3-16, 1945
Denlinger, Complete Dachshund-169-
170, 1947.

**MOSQUITOES & ANIMAL DISEASE -
ENCEPHALOMYELITIS, EQUINE**

- b Hammon & Reeves, J Expt Med.
83:163-173, 1946.

- b Reeves, U. S. Livestock Sanit.
Assoc P 49:150-158, 1946

**MOSQUITOES & ANIMAL DISEASE -
ENCEPHALOMYELITIS, EQUINE -
PHEASANTS**

- b Beaudette, N J Mosq Exterm
Assoc P 33:33-34, 1946

**MOSQUITOES & ANIMAL DISEASE -
FOWL LEUKEMIA**

- b Beaudette, N J Mosq Exterm
Assoc P 33 35, 1946.

**MOSQUITOES & ANIMAL DISEASE -
FOWL POX**

- b Beaudette, N J Mosq Exterm
Assoc. P 33:31-33, 1946

**MOSQUITOES & ANIMAL DISEASE -
MALARIA, AVIAN**

- b Beaudette, N. J. Mosq Exterm
Assoc P. 33:34-35, 1946.
Cantrell & Jordan, J. Parasit 31 55-
56, 1945.

**MOSQUITOES & ANIMAL DISEASE -
MALARIA, BAT**

- Manwell, Amer J Hyg 43 3, 1946

MOSQUITOES & DISEASE

- i Boyd, Prev Med. ed 7 276-294,
339-342, 1945.

- Carpenter et al , Amer Mid Nat.
Monog. 3:4-6, 1946

- i Chapin, Pan Amer. Union B 81:3-
12, 1947

- Clarke, Amer City 60(8):69-70,95,
1945

- b Getting, New Eng. J Med. 232:316-
317,373-375, 1945.

- Halverson, Cal. Mosq. Control
Assoc. P. 15:5-9, 1947.

- Harms, Cal. Med. 67:95-97, 1947.

- Hull, Dis. Transmitted from Anim. to
Man ed. 3:264-269,273,279,356,432,
442-444,459, 1947.

- McFarland, Human Factors in Air
Transport Design:171-181, 1946.

- i Manson-Bahr, Manson's Trop. Dis.
ed. 12:953-976, 1945.

- Matheson, Conn. St. Geol. & Nat. Hist.
Surv. B. 68:3-4, 1946.

- Peters, Cal. Mosq. Control Assoc. P.
15:84-89, 1947.

- Shillito, N. J. Mosq. Exterm. Assoc.
P. 32:239-242, 1945.

- i Simmons, Adv Int. Med. 2:251-255,
1947.

MOSQUITOES & DISEASE--Continued

Smillie, Pub Health Adm in U S ed
3 139,142,176,209,253-254,438-439,
494-495, 1947

b Stabler, N J. Mosq. Exterm Assoc
P 32 119-128, 1945

**MOSQUITOES & DISEASE - CALIFOR-
NIA**

Breslow & Dahl, Cal Med 67 28-30,
1947

Seaman, Mosq News 5 89, 1945

Stead, Cal St Dept Pub Health Cal
Health 3 113-115, 1946

Cal St Dept Pub Health B 44 rev
6-13, 1945

Cal St Dept Pub Health, Cal. Health
2 114, 1945

i Cal St Dept Pub Health, Rpt on
Invest Dis Bearing Mosq Hazard
in Cal Submitted to Fifty-sixth
Sess Cal Leg (L-3681), 20 p, 1945

MOSQUITOES & DISEASE - DENGUE

Bishopp & Stage, N J Mosq Exterm
Assoc P 32 30, 1945, 33:135,
1946

Block, Iowa St Med Soc J 35 465-
466, 1945

b Florio et al., J Expt Med 83 295-
301, 1946

b Gilbertson, Amer J Pub Health
35 261-270, 1945

Hall, Air Surg B 2 71-72, 1945

b Rotkow, Iowa St Med Soc J 36
101, 1946

Wilbar, Amer J Pub Health 37 663-
674, 1947

i U S Army Med Dept B 4 535-539,
1945

**MOSQUITOES & DISEASE - ENCEPHA-
LITIS**

Eklund, Amer. J Hyg 43 183-184,
1946

Gray, N J Mosq Exterm Assoc P
34 36-40, 1947

Hammon & Reeves, Sci News Let 49
130, 1946

Hammon et al., Amer Med Assoc J
128, 1133-1139, 1945.

Hammon et al., J. Expt Med 83 175-
183, 1946

Hodes, Johns Hopkins Hosp B 79
358-359, 1946 (Abs)

b Reeves & Hammon, J. Expt Med
83:185-194, 1946.

**MOSQUITOES & DISEASE - ENCEPHA-
LITIS - CALIFORNIA**

Breslow, Cal Mosq. Control Assoc
P 15, 45-49, 1947.

Gray, Cal St. Dept Pub Health, Cal
Health 2:169-170, 1945.

Hamilton, Cal. Med. 67:222, 1947

b Hammon et al., Amer J. Hyg. 42:
299-306, 1945.

Stead, Cal Mosq. Control Assoc P.
14 77-81, 1946.

Stead, Cal. St. Dept. Pub. Health Cal.
Health 3:113-115, 1946.

**MOSQUITOES & DISEASE - ENCEPHA-
LITIS GROUP**

Bishopp & Stage, N. J. Mosq. Exterm.
Assoc P. 32:30, 1945; 33:135-136,
1946, 34:18, 1947

**MOSQUITOES & DISEASE - ENCEPHA-
LITIS GROUP--Continued**

Hammon, Cal Med 67:219, 1947

b Hammon & Reeves, Amer J Pub
Health 35 994-1004, 1945

b Hammon & Reeves, Amer J Hyg
46 326-335, 1947

b Hammon et al., Cal Mosq Control
Assoc P 15 18-24, 1947

**MOSQUITOES & DISEASE - ENCEPH-
ALOMYELITIS, EQUINE**

b Hammon et al., Amer J Vet Res
6 145-148, 1945

Hendershott, N J Dept Agr R 30
59, 1945

Kelser, Pan Amer Union B Ofic
Sanit 25 328, 1946

b Norris, Can J Res Sect E 24 63-
70, 1946

MOSQUITOES & DISEASE - FILARIASIS

Bishopp & Stage, N J Mosq. Exterm
Assoc P 32 30, 1945, 33 136-137,
1946, 34 19, 1947

b Brown, Amer J Pub Health 35
612-613, 1945

Coggeshall, Amer Med Assoc J
131 8-9, 1946

b Eyles & Most, Amer J Trop Med
27 211-220, 1947

Hunter & Harkema, Anat Rec 94 432,
1946 (Abs)

b Hunter & Harkema, Helminth, Soc
Wash P 13 44-49, 1946

b Knight, N O Med & Surg J. 97
406-419, 1945

McMartin, J Urology 54(1) 64, 1945

Marshall & Ullo, U S War Dept. TB
Med 142 2,4,9, 1945

Newton & Pratt, J Parasit 31 266-
268, 1945

b Newton & Pratt, Amer J Trop
Med 26 699-706, 1946

b Newton et al., Amer J Trop. Med
25 253-261, 1945

Parran, U S Pub Health Serv. Ann
R 73 [i e 74] f 1944/45 56-57

i Rice, Farmacéutico 22(12) 40-41,
1946

b Rotkow, Iowa St. Med Soc J 36:
98-100, 1946

i Scott et al., J Parasit 31:195-197,
1945

Travis, J Parasit. 32(6 sect. 2) 18,
1946 (Abs)

Wharton, Lab Digest 9(5) 4-5, 1945

MOSQUITOES & DISEASE - HAWAII

Van Zwaluwenburg, Plantation Health
10(1) 28, 1946.

MOSQUITOES & DISEASE - MALARIA

b Abbott, Turtlox News 24, 139-140,
1946

b Ackerknecht, Malar in the Upper
Miss. Val 1760-1900, 142 p., 1945

Bishopp & Stage, N J Mosq
Exterm. Assoc. P. 32:18-19, 1945,
33:130-132, 1946, 34:19-23, 1947

Botsford, Conn. B. 488:324-329, 1945.

Boyd, Amer. J Trop Med. 25:293-
306, 1945.

b Bradley, Natl. Malar Soc. J. 4:1-8,
1945.

MOSQUITOES & DISEASE - MALARIA--
Continued.

- Chandler, Rice Inst. Pam 33:231,235, 237-239,241,244,246-251,254-256, 1946
- 1 Chapin, Pan Amer. Union B 80:664, 1946
- Coatney et al., Amer J. Hyg. 46 85-98,101,103,106-107,109-113,132-139, 1947
- Cooper & Coatney, Amer. J Hyg 46 121-125,127, 1947
- Cooper & Wessels, U S Navy Med. Bul. 45:55-56, 1945.
- Cooper et al., Amer J Hyg 46:141, 143-146, 1947.
- Dengler, N. J. Mosq. Exterm Assoc P 33 52-55, 1946
- Dieuaide, War Med 7(1):9, 1945
- b Duran-Reynals, Fever Bark Tree 155,164-167,228,237,250-251, 1946
- Faust, Miss Doctor 22:307-308,310, 1945
- b Fellton et al , Natl Malar. Soc J. 4:201-208, 1945
- Gunther, Pract. Malar Control 9:39, 1944
- b Heidelberger et al , J. Immunol. 53: 113-118, 1946
- b Huff, Ann. Rev Microbiol. 1 43-60, 1947
- b Knowles, Natl Malar Soc J 5:234-243, 1946
- Lapage, Mil Surg 97 23-24,27-29, 1945
- Mahaffey, N J Mosq Exterm. Assoc P. 33:48-49, 1946.
- 1 Meyer, Tenn Acad. Sci. J. 21 346-350, 1946.
- Mountain, Parents' Mag 22(8):26,37, 1947.
- Nathan, Family 26:123-124, 1945
- Parran, U. S. Pub Health Serv Ann R. 73 [i.e 74] f 1944/45 37,39,94-96.
- Pickup, J. Health & Phys. Educ 16: 312-314,350, 1945
- Pletsch, J. Lancet 66 289, 1946
- 1 Rice, Farmacéutico 22(10):35-36, 1946.
- bik Russell et al., Pract. Malar , 684 p , 1946.
- Sapero, Amer Med. Assoc J 132: 625-627, 1946.
- Stead, Cal Mosq. Control Assoc. P 14:77-81, 1946.
- Stead, Cal. St. Dept. Pub. Health Cal. Health 3:113-115, 1946.
- Strode, Rockefeller Found. Internatl. Health Div. R. f 1945:24-47; f 1946:34-83.
- 1 Stubbs, J. Health & Phys Educ. 16: 172-173,226-228, 1945.
- Watson & Rice, Natl. Malar Soc. J. 5: 11, 1946.
- 1 Wolcott, Anim. Biol. ed. 3:66-69, 1946.
- Wright, N. J. Mosq Exterm. Assoc P. 32:255-256, 1945.
- b1 U. S. Pub. Health Serv. & Tenn. Val. Authority Malar. Control on Impound Water,422 p., 1947.

MOSQUITOES & DISEASE - MALARIA -
DRUG SCREENING

- Terzian, J Parasit 33(6 sect 2) 15, 1947. (Abs.)
- Terzian, Science 106:449-450, 1947.
- Trembley, N. J. Mosq. Exterm Assoc P 34 34-36, 1947

MOSQUITOES & DISEASE - MALARIA -
HISTORY

- Gill, Med. Assoc. Ala J. 16 394-397, 1947

MOSQUITOES & DISEASE - MALARIA -
IMPORTED

- Cameron, Can. Business 18(6) 32-33, 104-106, 1945
- McCoy, N. J Mosq. Exterm Assoc P 32 236-239, 1945.
- Osgood, Amer. Med Assoc J 128 512-513, 1945.

- b Young et al , Amer J Hyg 43 326-341, 1946

MOSQUITOES & DISEASE - MALARIA -
MEXICO

- b Huff, Rev. Inst. Salub y Enferm Trop Mex 6 253-258, 1945
- Stage, Mosq. News 6 38, 1946
- Strode, Rockefeller Found. Internatl Health Div R f 1945 37-38, f 1946:69-71

MOSQUITOES & DISEASE - MALARIA -
MILITARY ZONES

- i Baxter, Sci Against Time:302-320, 1946

MOSQUITOES & DISEASE - MALARIA -
POETRY

- Twinn, Pests 14(2):18,20, 1946

MOSQUITOES & DISEASE - MALARIA -
PUERTO RICO

- Henderson, Asoc Méd P. R Bol 39 89-96, 1947
- Rice, Asoc Méd P R Bol 39:171-174, 1947.

MOSQUITOES & DISEASE - MALARIA -
RESEARCH

- b Natl Malar Soc Com on Med Res Natl Malar. Soc J 6 206-216, 1947

MOSQUITOES & DISEASE - POLIOMYELITIS

- Gálvez Gómez, Medicina Rev. Mex 27 351-357, 1947.
- Robinson & Sweadner, Pa Med J. 48: 1234,1237, 1945.

MOSQUITOES & DISEASE - TROPICAL

- Gray, Alameda Co (Cal) Mosq. Abatement Dist. R. f. 1944:5-6, 1945.

- b Tager, Conn. St. Med. J. 9:430-435, 1945

MOSQUITOES & DISEASE - VIRUS DISEASES

- Stabler, N. J. Mosq. Exterm. Assoc P 32:123-126, 1945.

MOSQUITOES & DISEASE - YELLOW
FEVER

- Bishopp & Stage, N. J. Mosq. Exterm. Assoc. P. 32:29, 1945; 33:134-135, 1946; 34:19, 1946.
- Chapin, Pan Amer. Union B. 80:661, 663, 1946.
- Davis, Ecol. Monog. 15:243-295, 1945.

**MOSQUITOES & DISEASE - YELLOW
FEVER--Continued**

- bi Kumm et al. , Amer J Hyg 43 13-
28, 1946
b Laemmert et al., Amer J Trop
Med. 26(6 sup) 28-30,33,35,42-43,
55-59, 1946
Smithburn, Ind. Univ Med Cent
Quart B 8:52-59, 1946
Strode, Rockefeller Found. Internatl
Health Div R f 1945 2-24, f 1946
3-34.
Waddell, Amer J Trop Med 25 329-
332, 1945

**MOSQUITOES & DISEASE - YELLOW
FEVER, JUNGLE**

- b Hovanitz, Physiol Zool 19 35-53,
1946

MOSQUITOES & FISH

- Jackson, Water Works & Sewerage 92
234, 1945
Rees, N J Mosq Exterm Assoc P
32 211-216, 1945
Tower, Maine For Serv C 7 7, 1947
Weathersbee, Natl Malar Soc J 5
269, 1946

MOSQUITOES & FISH - BIBLIOGRAPHY
b Gerberich, Amer Mid Nat 36 87-
131, 1946

MOSQUITOES & FISH - GAMBUSIA

- Gray et al. , Cal Mosq Control Assoc
P 14 71-72, 1946
Rees, Salt Lake City Mosq Abatement
Dist R Sum 16 8, 1945
i Russell et al. , Pract Malar 479-
483, 1946

MOSQUITOES & HUMIDITY

- Davis, Ecol Monog 15-263-272,293-
295, 1945

**MOSQUITOES & LABOR, AGRICUL-
TURAL**

- Pepper, N J Mosq Exterm Assoc
P 32 200, 1945

**MOSQUITOES & LAND VALUES, AGRI-
CULTURAL**

- Pepper, N J Mosq Exterm Assoc
P. 32 200-201, 1945

MOSQUITOES & RAINFALL

- Mulhern, N J Mosq Exterm Assoc
P 32 143-144, 1945

MOSQUITOES & WEATHER

- Edwards & Porter, J Ec Ent. 38
613-614, 1945

MOSQUITOES ON LIVESTOCK

- Hixson, Okla Ext C. 387 rev. 21-22,
1946.

- b Pepper, N J. Mosq. Exterm Assoc
P. 32:198-200, 1945.

MOSQUITOES ON PIGEONS

- Levi, Making Pigeons Pay.225, 1946

MOSQUITOPROOFING

- Tower, Maine For Serv C 7-7-8,
1947.

- i U S. Pub. Health Serv & Tenn.
Val Authority, Malar. Control on
Impound. Water:187-202, 1947.

MOSQUITOPROOFING - BUILDINGS

- bi Kruse & Gartrell, Natl Malar
Soc. J 4.133-146, 1945
Marshall, U. S. War Dept TB Med
164-5-6, 1945.

**MOSQUITOPROOFING - BUILDINGS--
Continued**

- Pickup, J Health & Phys Educ 16
313, 1945

MOSQUITOPROOFING - CLOTHING

- Granett & Haynes, J Ec Ent 38
673, 1945

- Linduska & Morton, J Ec Ent 40
563-564, 1947

- Travis & Morton, N J Mosq
Exterm Assoc P 33 65-69, 1946

MOSQUITOPROOFING - TENTS

- Marshall, U S War Dept TB Med
164 6, 1945

***MOSSY ROSE GALL. see DIPLOLEPIS
ROSAE (L)**

NOTES ARGENTATUS (Beauv)

- Shappirio Ent News 57 229, 1946
Shappirio, Sci Month 64 349-350,
1947

MOTH FLIES, see PSYCHODIDAE

**MOTHPROOFING, see INSECTPROOF-
ING**

MOTHS

- Comstock, N Y Ent Soc J 53 47-
48, 1945

- Foxlee, B. C Ent Soc P 42 9-14,
1945, 43 24, 1947

- i Fullaway & Krauss, Common In-
sects of Hawaii 98-135, 1945

- Murrill, Guide to Fla Anim 67-71,
1945

MOTHS - COMMON NAMES

- Forbes, N Y (C) M 274 262-263,
1947

MOTHS - LITERATURE - POETRY

- Twinm. Pests 15(5) 24,26,28,30, 1947

MOTTLED WILLOW BORER, see

- CRYPTORHYNCHUS LAPATHI (L)
*MOUNTAIN PINE BEETLE. see DEN-
DROCTONUS MONTICOLAE Hopk

***MOUNTAINASH SAWFLY. see PRIS-
TIPHORA GENICULATA (Htg)**

***MOURNING-CLOAK BUTTERFLY. see
NYMPHALIS ANTIOPA (L)**

MOUSE TICK. see IXODES MURIS

- Bishopp & Smith

MUD-DAUBING WASPS. see WASPS.

- MUD-DAUBING

***MULBERRY WHITEFLY. see TE-
TRALEURODES MORI (Quaint.)**

MULES - PESTS

- Ward, J Parasit 33(6 sect 2) 23,
1947 (Abs)

MULGA INSECTS. see ACACIA INSECTS

**MULLEIN LEAF BUG. see CAMPYLOM-
MA VERBASI (Meyer)**

**MULTICIDE. see DUST - DDT (MULTI-
CIDE)**

MUMETOPIA sp

- Wirth, Hawaiian Ent Soc P 13 21,
1947

MURGANTIA HISTRIONICA (Hahn)

- (HARLEQUIN BUG)* (HARLEQUIN
CABBAGE BUG)

- Bissell & Dupree, Ga B 254.11-12,
1947

- Holdaway, Hawaiian Ent Soc P 13
16, 1947

- Holdaway et al , Hawaii R f. 1944/46.
78, 1947.

MURGANTIA HISTRIONICA--Continued

- 1 Lincoln, Ark. Ext. C 438.8, 1945
- Price, Ky. Ext. C. 435-5, 1947.
- Rice et al., Del. B. 259 22, 1945.
- Sherwood & Bishop, W Va. Ext C 325 rev.:13-14, 1945
- Trullinger et al., USDA OES R. f 1945/46-107, 1947.
- 1 Vorhies & Wehrle, Ariz B 203-29-30, 1946

MURGANTIA HISTRIONICA - DUSTS

- Baver, N. C R 68 58-59, 1945
- Dorman, Miss R 59:27, 1947?
- Fisher & Stanley, J Ec Ent 38:125-128, 1945
- 1 Marcovitch & Stanley, Tenn. R. 58 114, 1946; 59:95, 1947.

MURGANTIA HISTRIONICA - DUSTS - DDT

- White, USDA EPQ E-642 6, 1945

MURGANTIA HISTRIONICA - EGGS

- 1 Esselbaugh, Ent. Soc Amer Ann 39 684, 1946

MURGANTIA HISTRIONICA - PARASITES

- Fullaway, Hawaiian Ent Soc P. 13 13-14, 1947.

MURMIDIUS OVALIS (Beck)

- Farrar, Soybean Digest 6(2):13, 1945

MUSCA CRASSIROSTRIS Stein & MYIASIS

- 1 James, USDA Misc Pub 631:139-140, 1947.

MUSCA DOMESTICA L. (HOUSE FLY)* (TYPHOID FLY)

- Baker, Mangt & Feeding of Sheep 226-227, 1947
- Bird & Mitchener, Can Ins Pest Rev. 24.72, 1946
- 1 Cameron, Parasites of Man ed. 2 143-147, 1946
- Davis, Ind. Acad Sci P 56:153, 1947?
- Haas, Can Baker 60(11/12):54,56, 1947
- Manson et al., Can Ins. Pest Rev. 24: 102, 1946; 25:120, 1947
- Mitchener, Manitoba Dept Agr. & Immigr. Pub 213:7-9, 1947
- Shaw & Bourne, J Ec Ent 39:544, 1946.
- Smith et al., Kans Ent Soc. J. 20 52, 58, 1947.
- 1 Thone, Sci News Let. 51:394-395, 1947.
- Ward, B. C. Dept. Agr. R. 40:V79, 1946
- Wressell, Can. Ins. Pest Rev. 24:59, 1946.

MUSCA DOMESTICA - AEROSOLS

- Fales et al., J. Ec. Ent. 40:754, 1947
- 1 Goodhue et al., Soap & Sanit. Chem. 23(9):119-121, 1947.
- b McGovran et al., J. Ec. Ent. 39:216-219, 1946.
- 1 Lindquist et al., Soap & Sanit. Chem. 22(5):135,137,139,141,143, 1946.

MUSCA DOMESTICA - AEROSOLS - DDT

- b Bresica et al., Ent. News 57:180-183, 1946.
- b Madden et al., J. Ec. Ent. 39:620-623, 1946.

MUSCA DOMESTICA - AEROSOLS - DDT--Continued.

- Lindquist et al., J. Ec. Ent. 38:255-257; Amer. Assoc. Ec. Ent. Cotton Sta. Branch P. 19:69-70, 1945 (Abs.)

- 1 McGovran & Fales, Soap & Sanit. Chem. 22(9):127-129, 1946.

- Schroeder, et al., J Ec. Ent 38 277-278, 1945.

- b Smith & Goodhue, J Ec. Ent 38. 177-178, 1945.

MUSCA DOMESTICA - BREEDING PLACES

- Sullivan, Pests 14(4):10, 1946.
- Thompson, Can Dairy & Ice Cream J. 25(5):27, 1946

MUSCA DOMESTICA - BREEDING PLACES - CELERY STRIPPINGS

- b Simmons & Dove, J. Ec. Ent 38 24-25, 1945.

MUSCA DOMESTICA - BREEDING PLACES - MANURE

- Tanada et al., Hawaii R f 1944/46 71-73, 1947

MUSCA DOMESTICA - BREEDING PLACES - SEWAGE

- Olson & Dahms, J Ec. Ent 38:602-604, 1945, Pub Works 77(5) 24.39, 1946

MUSCA DOMESTICA - CHEMORECEPTORS & DDT TOXICITY

- b Hayes & Liu, Ent. Soc. Amer Ann 40 401-416, 1947

MUSCA DOMESTICA - CONTROL

- 1 Bishopp & Henderson, USDA Leaf 182 rev., 9 p, 1946.
- Block, Amer J Pub. Health 36:1280-1286, 1946
- 1 Davis, Pest Control & Sanit. 2(10). 8-9, 1947
- McDaniel, J Milk Technol. 8 338-340, 1945
- 1 Shepard, Pests 14(11) 12, 1946.
- 1 Stiles, Okla. Ext. C 223 rev.:17-19, 1946?
- 1 Thone, Crown 36(6):15,22-24, 1947
- West, Sewage Works J 19:78-81, 1947.
- 1 U. S. War Dept. TM 5-632 (PB-2435).28-34, 1945.

MUSCA DOMESTICA - CONTROL - CARCASSES & LATRINES

- McDuffie et al., J Ec Ent 39:743-749, 1946.

MUSCA DOMESTICA - FLIGHT

- 1 Stout, Sci. Illus. 2(1):88-89, 1947.

MUSCA DOMESTICA - FLIGHT - HALTERES

- 1 Sperry Gyroscope Co., Life 21(9): 81-82,84, 1946.

MUSCA DOMESTICA - FLIGHT - LANDING

- Eyles, Sci. Digest 19(2).73, 1946.

MUSCA DOMESTICA - FOOT SECRETIONS & DDT

- Patton, N. Y. (G.) Farm Res. 12(1): 2; Chemurg. Digest 5:76-77, 1946.

MUSCA DOMESTICA - FUMIGANTS

- Brett & Hodnett, J. Ec. Ent. 40:593, 1947.

MUSCA DOMESTICA - FUMIGANTS - SORPTION BY PUPAE

Lindgren & Sinclair, J Ec Ent 38 617, 1945

MUSCA DOMESTICA - INSECTICIDES

Annand, USDA EPQ R f 1945/46 12, f 1946/47 17-18

Gersdorff & Barthel, Soap & Sanit Chem 22(10) 155,157, 1946

Gersdorff & McGovran, Soap & Sanit Chem 21(11) 117,121, 1945

Haller, Indus & Engin Chem Indus Ed 39 469-471, 1947

Hartzell, Boyce Thompson Inst. Contrib. 15:27,31-32, 1947.

Jones et al., J Ec Ent 39 281-283, 1947

King, Tex Ext B 151 11-14, 1947

Savit et al., Soc Expt Biol & Med P 62 44-48, 1946

Synerholm et al., Boyce Thompson Inst Contrib 15 40-45, 1947

Weinman & Decker, J Ec Ent 40 74-75, 1947

Soap & Sanit Chem Blue Book ed 18 211-214, 1946

MUSCA DOMESTICA - INSECTICIDES - DDT

b Cristol et al., Science 104 343-344 1946

Dove, USDA EPQ E-673 6-7, 1945

1 Fales et al., Soap & Sanit Chem 22(6) 157-158, 1946

b Hansens, Sewage Works J 19 516, 1947

b Ikawa, J Biol Chem 159 517-524, 1945

Kingscote & Jarvis, Can J Compar Med 10 216, 1946

Laug, J Pharm & Expt Ther 86 324-331, 1946

Lindquist et al., J Ec Ent 38 261-264, 1945

Lindquist et al., J Ec Ent 38 257-261, Amer Assoc Ec Ent Cotton Sts Branch P 19 70, 1945 (Abs.)

b Picard, Essential Struct Features of DDT 2-7, 1947 (Abs.)

1 Sandholzer & Lemon, Food Indus 18 860-863,998,1000,1002, 1946

Schwardt, Milk Dealer 35(7) 114,116, 1946

Summons, J. Ec Ent 39 16, 1946

Tanada et al., Hawaii R f 1944, 46 71-73, 1947

1 Thone, Chemistry 20(10) 1-20, 1947

Tobias et al., J Pharm Expt Ther 86 291-292, 1946

MUSCA DOMESTICA - INSECTICIDES - PHYSIOLOGICAL EFFECTS

b Dahm, Study of Certain Metabolic Intermediates in DDT Poisoned Housefly Adult, 8 p., 1947. (Abs.)

b1 Hartzell, Boyce Thompson Inst. Contrib. 13,443-454, 1945.

1 Hartzell & Wexler, Boyce Thompson Inst Contrib. 14:123-126, 1946.

b Tobias et al., J. Cell. & Compar Physiol. 28:159-182, 1946.

MUSCA DOMESTICA - INSECTICIDES - PRE-ADULT

b Chanois, J. Ec. Ent. 40:749-751, 1947.

MUSCA DOMESTICA - INSECTICIDES - PRE-ADULT--Continued

b McGovran & Piquett, J Ec Ent 38 718-719, 1945

Madden et al., Soap & Sanit Chem 23(3) 141,143, 1947

MUSCA DOMESTICA - INSECTICIDES - SMOKE

Pearsall & Wallace, Soap & Sanit Chem 22(10) 139,141,143, 1946

MUSCA DOMESTICA - OVERWINTERING

Matthysse, J Ec Ent 38 493-494, 1945

MUSCA DOMESTICA - PARASITES & PREDATORS

Bromley, N Y Ent Soc J 53 145-152, 1945

b DeBach & Smith, Ecology 28 290-298, 1947

Russell, Victoria Nat 2 113, 1946

MUSCA DOMESTICA - POPULATION - SAMPLING

1 Scudder U S Pub Health Rpts 62 681-686, 1947

MUSCA DOMESTICA - POULTRY

Seiden, Poult Handb 200-201, 1947

MUSCA DOMESTICA - REARING

Hoskins & Caldwell, Soap & Sanit Chem 23(4) 145,161, 1947

Laug, T Pharm & Expt Ther 86 324-325, 1946

MUSCA DOMESTICA - RESISTANCE TO INSECTICIDES - DDT

Annand, USDA EPQ R f 1946/47 17

MUSCA DOMESTICA - RESISTANCE TO INSECTICIDES - EFFECT OF FOOD

McGovran & Gersdorff, Soap & Sanit Chem 21(12) 165,169, 1945

MUSCA DOMESTICA - RESPIRATION

Edwards, J. Cell & Compar Physiol 27(1) 55-64, 1946

MUSCA DOMESTICA - SCREENS, see FLIES - SCREENS

MUSCA DOMESTICA - SPRAYS

Bruce & Decker, J Ec Ent 40:530-536, 1947

Conklin et al., N H B 372 30-31, 1947

Doner & Anderson, Soap & Sanit Chem 23(10) 124-125, 1947

Edwards Chem Corp., H-4 Emulsion Concentrate 1-2, 1947

1 Fay et al., J Ec Ent. 40:635-640, 1947

Gertler, USDA EPQ E-732 5, 1947

b1 Gunther, J Ec Ent 40 878-882, 1947

b1 Hoskins & Caldwell, Soap & Sanit Chem 23(4).143-145,161,163,165, 167, 1947

Kearns et al., J Ec Ent 38 665, 1945

Lindquist et al., J Ec Ent 39 56-57, 1946.

b McAlister et al., J. Ec Ent 40 907, 1947

McGovran et al., USDA EPQ E-736 1-3, 1947.

Munro et al., N. Dak Bimo B 9:123, 127, 1947.

MUSCA DOMESTICA - SPRAYS--Continued.

- i Parker & Beacher, Del. B 264:7-14, 1947.
- i Pierpont, Del. B 253,58 p., 1945.
- Pierpont, J. Ec Ent 38:123-124, 1945.
- b Prill & Synerholm, Boyce Thompson Inst Contrib 14:221-227, 1946.
- b Prill et al., Boyce Thompson Inst Contrib. 14:127-150, 1946, 14:397-403, 1947
- Stearns, Soap & Sanit Chem 23(1) 118,141, 1947
- b Sweetman, J Ec Ent. 40 566, 1947
- Synerholm & Hartzell, Boyce Thompson Inst Contrib 14 79-89, 1945
- b Synerholm et al., Boyce Thompson Inst. Contrib 13:433-442, 1945
- Whitehead & Morrison, MacDonald Col J 7(9) 8, 1947
- MUSCA DOMESTICA - SPRAYS - DDT**
- Annand, USDA EPQ R f 1945/46 8
- bi Baker et al., U. S Pub Health Rpts 62:597-612, 1947
- Brett & Fenton, South Dairy Prod J 40(1) 62-63, 1946
- Bruce & Blakeslee, J Ec Ent. 39: 369-371, 1946
- Clyburn, S C R 59 95, 1947
- Dowden et al., USDA EPQ E-663:9, 1945.
- Fenton & Brett, Okla. Mimeo C 156:1, 1946
- Gardiner, Can. Min Agr R f 1946/47 209
- Gersdorff, Soap & Sanit Chem 22(3) 126-127, 1946
- Kido & Allen, Agr Chem 2(6):22-23, 67,69, 1947.
- Knipling, USDA Agr Res Adm R A. S. 83(/),1 p., 1947
- i Kyd, Okla Ext C. 454:7-8, 1947.
- Lindquist et al., Soap & Sanit Chem 21(7).109,111,113,119, 1945
- i Madden & Lindquist, USDA EPQ ET-230,3 p., 1946.
- Madden et al., J. Ec. Ent. 40 119-121, 1947.
- Menusan, Dairym. Price Rptr 28(8): 3, 1946
- i Monro et al., Soap & Sanit Chem 23(8):123,125,127,129,143,145, 1947
- Morrison, Can Dairy & Ice Cream J 26(11):66, 1947.
- i Morrison, Can. Jersey Breed 2(7): 15,29-31, 1947.
- Romney et al., USDA EPQ E-672:12, 1945.
- Schroeder et al., Soap & Sanit. Chem 22(4):145,147,153, 1946.
- Schwardt, N. Y. (C.) R. 59:119-120, 1947.
- Sebora et al., Mosq. News 6:170, 1946.
- Sherman & Dunavan, S. C. R. 58:63, 1946.
- Shull, Ida. Col. Agr. News Let. 31(1)-6, 1946.
- Shull & Tuthill, Ida. Ext. C. 90,4 p., 1946.
- i Skovholt & Hanschka, Cracker Baker 35(4):35-36, 1946.

MUSCA DOMESTICA - SPRAYS - DDT--Continued

- Taggart, Cornell Vet. 36:160-162, 1946.
- Taggart et al., N Y. St Assoc Milk Sanit R 19:24-25, 1946.
- bi Turner & Woodruff, Conn B 512 93-97, 1946
- Twinn, Can. Dept Agr Div Ent Processed Pub 65:4-5, 1947
- Ward, B C. Dept Agr R 41 W108, 1947
- Woodruff & Turner, Conn B 512 60-53,65, 1946.
- Woodruff & Turner, J Ec Ent. 40 206, 1947
- USDA EPQ & U. S Pub Health Serv., DDT for Control of Household Pests:7, 1947
- MUSCA DOMESTICA - SPRAYS - DDT - RELATED COMPOUNDS**
- Prill et al., Science 101 464-465, 1945
- b Prill et al., Boyce Thompson Inst Contrib 14:345-353, 1946
- MUSCA DOMESTICA - SPRAYS - DDT & XYLENE**
- Schoof & Ashton, N C St Bd Health, Health B 60(10) 14-16, 1945
- MUSCA DOMESTICA - SPRAYS - DDT MIXTURES**
- Jones et al., J Ec Ent 38 691-693, 1945
- MUSCA DOMESTICA - SPRAYS - GAS CONDENSATE**
- b Simmons & Dove, J. Ec Ent. 38 23-25, 1945
- MUSCA DOMESTICA & ATMOSPHERIC PRESSURE**
- Wellington, Can J Res Sect D 24: 105-117, 1946
- MUSCA DOMESTICA & DISEASE**
- i Boyd, Prev Med ed 7.91,266-269, 1945
- Devoe, Amer. Mercury 61 473-477, 1945
- Madden, Fla. Ent 28:5-6, 1945
- i Ostrolenk & Kramer, Baker's Digest 21:62-64, 1947
- MUSCA DOMESTICA & FOOD POISONING**
- b Moorehead & Weiser, J. Milk Technol 9:253-259, 1946
- MUSCA DOMESTICA & FOWL TYPHOID**
- Moore, Del B 259:13, 1945.
- MUSCA DOMESTICA & MYIASIS**
- i James, USDA Misc. Pub. 631:140-142, 1947
- MUSCA DOMESTICA & POLIOMYELITIS**
- b Power & Melnick, Yale J. Biol & Med. 18:63-64,68-69, 1945.
- Robinson & Sweadner, Pa. Med. J. 48: 1234,1236, 1945.
- MUSCA DOMESTICA & POLLINATION OF CELERY**
- Emerson, Sci. News Let. 49:216, 1946.
- MUSCA DOMESTICA & TEMPERATURE**
- i Bucher, Ohio St. Univ. Abs. Doctoral Diss. 53:11-15, 1947.
- Lindquist et al., Kans. Ent. Soc. J. 19: 13, 1946.

MUSCA DOMESTICA IN REARING DIETS

Balduf, Ent Soc Amer Ann 40 576-587, 588-597, 1947

MUSCA VICINA Macq (ORIENTAL HOUSE FLY)* & MYIASIS

James, USDA Misc Pub 631 140-142, 1947

MUSCIDAE - INSECTICIDES

b Roark, USDA EPQ E-652 31-49, 1945

MUSCIDAE - POETRY

Twinn, Pests 14(1) 13-14, 16, 1946

MUSCIDAE & MYIASIS

bik James, USDA Misc Pub 631 118-142, 1947

MUSCINA ASSIMILIS (Fall) & MYIASIS

i James, USDA Misc Pub 631 137, 1947

MUSCINA ASSIMILIS & POLIOMYELITIS

b Powers & Melnick, Yale J Biol & Med 18(1) 61-62, 68-69, 1945

MUSCINA PABULORUM (Fall) & MYIASIS

James, USDA Misc Pub 631 138, 1947

MUSCINA STABULANS (Fall) (FALSE STABLE FLY)*

Shaw & Bourne, J Ec Ent 39 544, 1946

MUSCINA STABULANS - TOADS

James & Maslin, Wash Acad Sci J 37 366-367, 1947

MUSCINA STABULANS & MYIASIS

i James, USDA Misc Pub 631 135-137, 1947

MUSCINA STABULANS & POLIOMYELITIS

b Powers & Melnick, Yale J Biol & Med 18(1) 61-62, 66, 68-69, 1945

MUSCOIDEA

Reinhard, Kans Ent Soc J 18 67-77, 1945

MUSHROOM FLIES, see FUNGUS GNATS; LYCORIA Meig

MUSHROOM INSECTS

Annand, USDA EPQ R f 1946/47-8

Neiswander, Veg Grow Assoc Amer R 37 278, 1945

Neiswander, Ohio Veg & Potato Grow Assoc P 31 278, 1946

Steinweden, Cal Dept. Agr B 34 178, 1946

***MUSHROOM MITE, see TYROPHAGUS LINTNERI (Osb.)**

MUTILLIDAE

i Dodge, Poisonous Dwellers of the Desert-22-23, 1947

nk Schuster, Ent Soc Amer Ann. 39, 692-703, 1946.

MYCETOPHILIDAE - INSECTICIDES

b Roark, USDA EPQ E-652:49-50, 1945

MYCETOPHILIDAE - WINGS

i Shaw, Amer Mid. Nat. 38:708-711, 1947.

MYELOIS VENIPARS Dyar (NAVEL ORANGEWORM)*

Keifer, Cal. Dept. Agr. B. 33:253, 1945.

Ryan, Los Angeles Co. Cal. Agr Commr. R. f. 1946/47:16.

MYELOIS VENIPARS--Continued

b Thompson, Oreg St Hort. Soc P 39:117-119, 1947.

MYIALGESINAE

Herman, Cal Fish & Game 31(1):23-24, 1945

MYIASIS

Bequaert, Psyche 52 175-176, 1945

b Bradess, Arch Ped 64 34-37, 1947

Cameron, Parasites of Man ed 2 146-148, 1946

bik James, USDA Misc. Pub 631, 175 p, 1947

b Lewis, Can Med Assoc J 56:319, 1947

b Lyon & Mizelle, Ann Int Med 22 128-130, 1945

McCornack, Amer Vet Med Assoc J 107 80, 1945

Montgomery, Pest Control & Sanit 2(6) 13, 1947

Reid & Camp, Ill Med J 90 231-232, 1946

Simpson, Memphis Med J 21 112, 1946

Webster, J Parasit 31 151, 1945

Zeliff, Man Med Parasit 102-106, 1947

MYIASIS - BIRDS

i Hill & Work, Condor 49 74-75, 1947

MYIASIS - CATS

Lager, Middlesex Vet 5 62, 1946

MYIASIS - HEIFERS

Pigman, Vet Med 41 175, 1946

MYIASIS - HORSE

Kelman, Vet Med 40 282-283, 1945

MYIASIS - LIVESTOCK

Escobar, Agr. Mex 62(1) 25-34, 1946

MYIASIS - SMALL ANIMALS

i Kingscote, Ont Dept Agr Ont Vet Col R f 1946/47 32-33

MYIASIS - TOADS

i James & Maslin, Wash Acad Sci J 37 366-368, 1947

MYIOPHASIA GLOBOSA (Townsend)

bi Bissell, Ent Soc Amer Ann 38: 417-440, 1945

Hetrick, J. Ec Ent 39:405, 1946

Hetrick, Va B 409-11, 20, 1947.

MYLABRIDAE

b Bradley, Psyche 53 33-42, 1946

MYMARIDAE

ni Ogloblin, Iowa St. Col J. Sci 20: 277-295, 1946.

MYOBIA Heyd.

Cole & Koepke, U. S. Pub. Health Rpts Sup. 202:44, 50, 1947

MYOBIA ENSIFERA (Poppe)

Rumreich, U. S. Pub Health Rpts. 60. 892, 1945.

MYOBIA MUSCULI (Schr)

Figge & Wolfe, Soc Expt. Biol. & Med. Proc. 60:136-138, 1945

MYOCHROUS Er. - WEST INDIES

i Blake, Ent. Soc. Wash. P. 49:22-28, 1947.

MYOCHROUS DENTICOLLIS (Say)

(SOUTHERN CORN LEAF BEETLE)

Smith et al., Kans. Ent. Soc. J. 20. 56, 1947.

- MYOCHROUS DUBIUS** (F.)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt Caña de Azúcar (Havana),
Caña de Azúcar en Cuba:553, 1946.
- MYODOPSYLLA GENTILIS** (Jord. &
Rothsch.)
Macy, Amer Mid. Nat 37 377-378,
1947.
- MYONYSSUS** Tirab ; **M JAMESONI**
nik Ewing & Baker, J Parasit. 33.
376-379, 1947.
- MYOPA RUBIDA** (Bigot)
MacSwain & Bohart, Pan-Pac Ent. 23:
30, 1947.
- MYRIAPODA**
i Potter, Textb of Zool ed 2 288-
291, 1947
Rapp, Amer Mid Nat 36:666-667,
1946
- MYRMECINA** Curt - NORTH AMERICA
nik Enzmann, N Y Ent Soc J 54 13-
15, 1946
- MYRMECOCYSTUS MEXICANUS NAVAJO**
Whlr
i Fautin, Ecol Monog 16:265,298-300,
1946.
- MYRMECOPHILOUS INSECTS**
Park, Chicago Acad Sci B 8:109-
117,126-127, 1947
i Park, Sci Month 65.36-41, 1947
b Tilden, Pan-Pac. Ent 23:42-43,
1947.
- MYRMECOPHILOUS INSECTS, see also**
ANTS & APHIDS; ANTS & CITRUS
INSECTS, ANTS & SCALE IN-
SECTS
- MYRMELACHISTA RAMULORUM** Whlr
Martorell, P R Univ J Agr 29:557-
559, 1945.
- MYRMELEON** sp
i Headstrom, Horticulture 23 463, 1945
- MYRMELEONTIDAE**
i Teale, Fauna 8(3):74-77, 1946.
- MYRMICA** Latr - NORTH AMERICA
nik Weber, Ent. Soc Amer Ann. 40:
437-474, 1947
- MYRMICA BREVINODIS BREVINODIS**
Emery (BOG ANT)
i Enzmann, Ent Soc. Wash P. 49:246-
249, 1947
Haskins, Can. Nature 8:142, 1946.
- MYRMICA BREVINODIS CANADENSIS**
Whlr., see **MYRMICA BREVINODIS**
BREVINODIS Emery
- MYRMICA SABULETI AMERICANA**
Weber
Talbot, Ecology 27:65-70, 1946.
- MYRMICA SCHENCKI EMERYANA** Forel
Talbot, Amer. Mid. Nat. 34:507-510,
1945.
i Talbot, Ent Soc. Amer. Ann. 38:365-
372, 1945.
- MYRMOSA PEREGRINATRIX** Krombein
n Krombein, Ent. Soc Wash. P. 48.
247-248, 1946.
- MYSOLELAPS STIGMATUS** Fox
ni Fox, J. Parasit. 32:449-450, 1946.
- MYZOCALLIS ARUNDINOLENS** (Clarke)
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 2):6.
- MYZOCALLIS ARUNDINARIAE** Essig
Myers, USDA EPQ Ins Pest Surv Sp.
Sup. (1947, No. 2):6.
- MYZOCALLIS KAHAWALUOKALANI**
Kirk (CRAPEMYRTLE APHID)*
Keller, Cal. Dept Agr B 35 209,
1947
- MYZOCALLIS ULMIFOLII** (Monell)
(ELM LEAF APHID)*
Gauthier, Can Ins. Pest Rev 24:32,
1946
- MYZUS CERASI** (F.) (BLACK CHERRY
APHID)*
i Cutright, Ohio Bimo. B. Farm &
Home Res. 32 49-52, 1947
Hilborn et al, Maine Ext B 358 3,
1947
Marshall et al, Can Ins Pest Rev
25.91-92, 1947
Mills & Dewey, N Y (C) Ext B 711
56,58-59, 1947.
Ross, Can Ins Pest Rev 24:47, 1946
i Smith, Cal Ext C 46 rev 39-40,
1947
Smith et al, Kans Ent Soc J 20 48,
1947
Thompson, Can. Ins Pest Rev. 24 41,
1946.
Wressell, Can Ins Pest Rev 24:57,
1946
Oreg C Inform 407 4, 1947
- MYZUS CERASI - SPRAYS**
Cleveland, West Colo Hort. Soc
Trans f 1944.33, 1945.
Gardiner, Can Min. Agr R f
1945/46:70, f 1946/47.86.
i Hartzell, N Y. (G) Farm Res 12(1):
7-8, 1946
Howard & Brooks, Cal Ext. C 117
rev. 47, 1947
Hutson, Mich St Hort Soc R 75:
122-123, 1946
Morgan, Can. Ent. 79:109, 1947
Rasmussen, Mich St. Hort Soc. R.
75:152, 1946
- MYZUS CERASI - UTAH**
Knowlton, Bklyn. Ent. Soc. B. 42:74,
1947.
- MYZUS CERASI & RINGSPOT VIRUS OF**
POISON HEMLOCK - CELERY
Freitag & Severin, Hilgardia 16:396-
405, 1945.
- MYZUS CIRCUMFLEXUS** (Buck.)
(CRESCENT-MARKED LILY
APHID)*
bi Essig, Hilgardia 17:605-607, 1947.
McDaniel, Flor. Rev. 98(2534):33,
1946.
McDaniel, Gladiolus 22:44, 1947.
Plank & Winters, P. R. (Mayaguez)
R. f. 1945:30, 1946.
Smith et al., Chrysanthemum Soc.
Amer. B. 15(2):5-6,9-11, 1947.
- MYZUS CIRCUMFLEXUS - UTAH**
Knowlton, Bklyn. Ent. Soc. B. 42:74,
1947.
- MYZUS CIRCUMFLEXUS & CALICO**
VIRUS OF PANSIES
Severin, Hilgardia 17:585,587, 1947.

- MYZUS CIRCUMFLEXUS & MOSAIC OF CELERY, WESTERN CRINKLE-LEAF
Freitag & Severin, Hilgardia 16 366-370, 1945.
- MYZUS CIRCUMFLEXUS & VIRUS DISEASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:540, 552,555,569,579,589,597-600, 1946
- MYZUS CONVULVULI (Klth.) (FOX-GLOVE APHID)*
Cannon, Can. Ins. Pest Rev. 24:9, 1946
bi Essig, Hilgardia 17 607-609,611, 1947
Gorham, Ent. Soc. Ont. R. 75 17-18, 21, 1945
Gorham, Can. Ins. Pest Rev. 24:21, 1946
Maltais, Quebec Soc. Protect. Plants R. 29 111-113, 1945?
Maltais, Can. Ins. Pest Rev. 24:35, 1946.
Maltais & Adams, Can. Ins. Pest Rev. 25:38, 1947
Simpson & Shands, Maine B. 438 520, 523, 1945, 442 128-133, 1946
Simpson et al., Maine Ext. B. 333 8-9, 1945
- MYZUS CONVULVULI - IDENTIFICATION, FIELD
i Dionne, Can. Ent. 79 191-193, 1947
- MYZUS CONVULVULI - INSECTICIDES
Bonde & Snyder, Maine B. 449:264, 267-274,344,347,351-355, 1947
Bronson et al., Maine B. 442 135-138, 183-185, 1946
Buchanan, Wash. B. 482:64, 1946
Smith et al., Chrysanthemum Soc. Amer. B. 15(2) 5-6,9-11, 1947
Stitt, Amer. Potato J. 24:119-120,122, 1947
- MYZUS CONVULVULI - INSECTICIDES - DDT
Annand, USDA EPQ R. f. 1945/46 4-5
Bronson & Smith, J. Ec. Ent. 39:189-194, 1946
Hawkins et al., Maine B. 449 294-298, 1947
White, USDA EPQ E-692:5, 1946
- MYZUS CONVULVULI - UTAH
Knowlton, Bklyn. Ent. Soc. B. 42:74, 1947.
- MYZUS CONVULVULI & BIG-VEIN OF LETTUCE
Pryor, Phytopath. 36:264-265,271, 1946.
- MYZUS CONVULVULI & CALICO VIRUS OF PANSIES
Severin, Hilgardia 17:585,587, 1947
- MYZUS CONVULVULI & VIRUS DISEASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552, 555,569,589,599-600, 1946.
- MYZUS CONVULVULI & VIRUS DISEASE OF POTATO
Steinbauer & Steinmetz, Maine Misc. Pub. 602:2-3,21, 1945.
- MYZUS DIANTHI (Schr.) see MYZUS PERSICAE (SULZ.)
- MYZUS LYTHRI Schr. - UTAH
Knowlton, Bklyn. Ent. Soc. B. 42:74, 1947.
- MYZUS ORNATUS Laing (ORNATE APHID)
bi Essig, Hilgardia 17 610-611, 1947
- MYZUS PERSICAE (Sulz.) (GREEN PEACH APHID)* (SPINACH APHID)
Annand, USDA EPQ R. f. 1946/47.28-29
Bissell & Dupree, Ga. B. 254:16-17, 1947
Bruner & Valdes Barry, Control de Plagas 8 [i e 7]:56,59, 1945
Flock, Ariz. St. Ent. R. f. 1944:16, 1945
Lauderdale, Ariz. St. Ent. R. f. 1945/46:17.
McDaniel, Gladiolus 22 44, 1947
Parker, Ariz. St. Ent. R. f. 1946/47 26.
Parks, Ohio Veg. & Potato Grow. Assoc. P. 31 113-117, 1946
Ruehle, Fla. R. f. 1945/46 197
Simpson & Shands, Maine B. 438:519-523,582, 1945
Steinweden, Orchid Digest 9 267, 1945.
Wylie, Fla. R. f. 1946/47 203
Wylie & Wilson, Fla. R. f. 1945/46 189
Caribbean Res. Council, Com. Agr., Nutr. Fisheries & For. Crop Inq. Ser. 4:75, 1947
- MYZUS PERSICAE - AEROSOLS
Smith et al., Chrysanthemum Soc. Amer. B. 15(2) 5-6,9-11, 1947
Wilson, Fla. R. f. 1946/47 204
- MYZUS PERSICAE - AEROSOLS - DDT
b Goodhue et al., J. Ec. Ent. 38 181, 1945.
b Smith & Goodhue, J. Ec. Ent. 38 174,177-178, 1945
Smith et al., J. Ec. Ent. 38 193-194, 1945.
Smith et al., Agr. Chem. 2(12):61, 1947
- MYZUS PERSICAE - BARRIERS - ELECTRIC
i Bruce, J. Ec. Ent. 40:277, 1947
- MYZUS PERSICAE - CANADA
Cannon, Can. Ins. Pest Rev. 24:9, 1946.
Gorham, Ent. Soc. Ont. R. 75 17-18, 20-21, 1945
Gorham, Can. Ins. Pest Rev. 24:21, 1946
Maltais, Quebec Soc. Protect. Plants R. 29:111-113, 1945?
Maltais, Can. Ins. Pest Rev. 24:35, 1946.
Maltais & Adams, Can. Ins. Pest Rev. 25:38, 1947.
Marshall, Can. Ins. Pest Rev. 25:95, 1947.
- MYZUS PERSICAE - DUSTS
Buchanan, Wash. B. 482:64, 1946
Creighton & Gresham, J. Ec. Ent. 40:915-917, 1947.
Isely & Miner, J. Ec. Ent. 39:550, 1946.
Kelsheimer, Fla. R. f. 1944/45:119.
Stitt, Amer. Potato J. 24:119-120, 122, 1947
Turner, J. Ec. Ent. 38:360, 1945.

MYZUS PERSICAE - DUSTS - DDT
 Hill, Amer. Potato J. Amer. Potato J. 23:138, 1946.
 Hill, Neb. R. 59:55, 1946.
 Landis & Getzendaner, USDA EPQ E-689, 2 p., 1946
 Romney et al., USDA EPQ E-672:3, 12, 1945
MYZUS PERSICAE - EMBRYOS - EFFECT OF DDT
 Smith, J. Ec. Ent. 39:383, 1946.
MYZUS PERSICAE - FLIGHT
 Porter et al., Maine B 442:126-127, 1946.
MYZUS PERSICAE - FOOD & HOST PLANTS
 Shands et al., Maine B 449:287-290, 1947.
 Simpson & Shands, Maine B. 442:128-133, 1946.
 Simpson et al., Maine Ext. B. 333:7, 1945
MYZUS PERSICAE - IDENTIFICATION, FIELD
 Dionne, Can. Ent. 79:191-193, 1947.
MYZUS PERSICAE - INSECTICIDES
 Annand, USDA EPQ R f. 1946/47:5,7
 Bonde & Snyder, Maine B. 449:264, 267-274, 344, 347, 351-355, 1947.
 Bronson et al., Maine B 442:134-138, 1946.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev :36-37, 1947
 Ellis, Ark. B. 464:9, 1946
 Hill, Neb. Res. B. 130:3,7,9-10,12-13, 1945
 Kelsheimer, Fla. R f 1946/47:127
 McDaniel, Flor. Rev. 98(2534):33, 1946.
 Martínez Andreu, Cuba Min Agr. Rev 29(3):64, 1946.
 Plank, P. R. (Mayaguez) R. f 1944:16, 1945
 Wilson & Slesman, Ohio Veg. & Potato Grow Assoc. P 31:193-208, 1946.
 Wolfenbarger, Fla Ent 29:40-44, 1947
 Wylie & Wilson, Fla. R. f 1945/46. 171; f. 1946/47 181-182.
MYZUS PERSICAE - INSECTICIDES - DDT
 Annand, USDA EPQ R f 1945/46:4-5.
 Bronson & Smith, J. Ec. Ent. 39:189-194, 1946.
 Gyrisko et al., J. Ec. Ent. 39:205-208, 1946.
 Hawkins et al., Maine B 449:294-298, 1947.
 Hockett, J. Ec. Ent. 39:184-185, 188, 1946.
 Rawlins, Amer. Potato J 23:142-143, 1946.
 Shands et al., Maine B. 449:284-287, 364-366, 1947.
 Slesman & Wilson, Amer. Potato J. 23:144-146, 1946.
 White, USDA EPQ E-692:4-5, 1946.
MYZUS PERSICAE - OUTBREAKS
 Parks, Veg. Grow. Assoc. Amer. R. 37:112-117, 1945.

MYZUS PERSICAE - OVERWINTERING
 Gorham, Marit. Farm. 50(11):6, 1945
MYZUS PERSICAE - PARASITES
 Burnett, Quebec Soc. Protect. Plants R 29:86, 1945?
MYZUS PERSICAE - PEPPERGRASS
 Romney, Ecology 27:260-261, 1946
MYZUS PERSICAE - RESISTANT POTATOES
 bi Adams, Amer. Potato J 23 1-22, 1946.
 Gardiner, Can. Min. Agr. R f 1945/46:41
MYZUS PERSICAE - SPRAYS
 Berkeley et al., Amer. Potato J 23 287, 1946.
 Cleveland, West Colo. Hort Soc Trans f. 1944 33, 1945
 Gardiner, Can. Min. Agr. R f 1946/47 83
 List, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P 2 52-53, 1947
 Ludvik, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P 2 16-17, 1947
 Ludvik & Decker, J. Ec. Ent. 40 97-100, 1947.
 Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P 31.183,186-188, 192, 1946
 Wade, Ill. St. Hort. Soc. Trans 79 171, 1946
 Wolfenbarger, Fla. R. f. 1945/46 205
MYZUS PERSICAE - SPRAYS - DDT
 Newton & List, J. Ec. Ent. 39 661, 1946
MYZUS PERSICAE - TOBACCO
 Creighton & Gresham, Fla. Grow 55(9a):12-13, 1947
 Creighton & Gresham, Tob. World 67(9):9, 1947.
 Tissot, Fla. R. f. 1946/47:69-70
MYZUS PERSICAE - UTAH
 Knowlton, Bklyn. Ent. Soc. B 42 74, 1947
MYZUS PERSICAE & BIG-VEIN OF LETTUCE
 Pryor, Phytopathology 36:264-265, 271, 1946.
MYZUS PERSICAE & CALICO VIRUS OF PANSIES
 Severin, Hilgardia 17:586-587, 1947
MYZUS PERSICAE & LEAF ROLL OF POTATO
 Bonde & Simpson, Maine B. 442:124, 1946.
 Folsom & Stevenson, Amer. Potato J 23:260-261, 263, 1946.
 Shands et al., Maine B 449 290-292, 1947.
 Simpson et al., Maine B. 449:281-282, 363, 1947.
 Simpson et al., Maine Ext. B. 361:8-9, 1947.
MYZUS PERSICAE & MOSAIC OF BEET
 Pound, J. Agr. Res. 75:37,40, 1947
 Sylvester, Phytopathology 37:528-530, 1947.
MYZUS PERSICAE & MOSAIC OF CARROT
 Annand, USDA EPQ R. f. 1946/47:28-29.

- MYZUS PERSICAE & MOSAIC OF CELERY, WESTERN CRINKLE-LEAF**
Freitag & Severin, Hilgardia 16 361, 367-370, 1945
- MYZUS PERSICAE & MOSAIC OF GLADIOLUS**
1 Brierly & Smith, Gladiolus Mag 11(1)-16-18, 1947
- MYZUS PERSICAE & MOSAIC OF PEACH**
Daniels, Science 101:87-88, 1945
Henney, Colo. R 58 19, 1945.
- MYZUS PERSICAE & VIRUS DISEASE OF ONIONS**
Brierly & Smith, Phytopathology 36 293, 1946.
- MYZUS PERSICAE & VIRUS DISEASE OF PAPAYA**
1 Jensen, Hawaii R f 1944/46 67, 1947
- MYZUS PERSICAE & VIRUS DISEASE OF PLANTS**
Jensen, Hawaiian Ent Soc P 12 540-542, 547, 549-550, 552, 555-556, 569, 571-572, 577-584, 587-589, 591, 597-600, 1946
Jones, Phytopathology 35 39-40, 45, 1945
- MYZUS PERSICAE & VIRUS DISEASE OF POTATO**
1 Bald & Norris, Phytopathology 35 591-597, 1945
Larson, Phytopathology 37 13-14, 1947 (Abs.)
Steinbauer & Steinmetz, Maine Misc Pub 602 2-3, 21, 1945
Trullinger et al., USDA OES R f 1945/46 112, 1947
- MYZUS PERSICAE & YELLOW DWARF OF SPINACH**
Severin & Little, Hilgardia 17 559-561, 1947
- MYZUS PERSICAE & YELLOW WILT OF SUGAR BEET**
Bennett & Munck, J. Agr. Res. 73 58, 1946
- MYZUS POROSUS** Sandrsn
Knowlton, Bklyn. Ent. Soc. B 42 74, 1947
Ludvik, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P 2 16-17, 1947
Ludvik & Decker, J. Ec. Ent. 40 97-100, 1947.
- MYZUS POROSUS - BARRIERS - ELECTRIC**
1 Bruce, J. Ec. Ent. 40:277, 1947
- MYZUS PSEUDOSOLANI** Theob., see **MYZUS CONVULVULI** (Kltb)
- NABIS Latr. - PHOTOTROPISM**
Knowlton, Bklyn. Ent. Soc. B. 40:158, 1946.
- NABIS ALTERNATUS** Parsh.
Fautin, Ecol. Monog. 16:273, 1946.
Hill, Neb. Res. B 138.3-5, 7, 9, 12-13, 1945
Knowlton, Bklyn. Ent. Soc. B. 42:79, 1947.
- NABIS ALTERNATUS - PREY**
Knowlton, Bklyn. Ent. Soc. B 42:62, 1947.
- NABIS FERUS (L.)**
Clancy, J. Ec. Ent. 39:326-327, 1946
Hill, Neb. Res. B 138 3-5, 7, 9, 12-13, 1945.
Michelbacher et al., Cal. C 365:13, 1946
Smith, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944.8, 1945
Underhill & Bodenstein, Va. TB 97 12, 1946
- NACERDES MELANURA (L.) (WHARF BORER)***
MacNay, Can. Ins. Pest Rev. 25 121, 1947
Spencer, B. C. Ent. Soc. P 43 7-8, 1947
- NALLACHIVS AMERICANUS** (McLachlan) - EARLY STAGES
1 Gurney, Psyche 54 148-151, 156-157, 162-169, 1947
- *NANTUCKET PINE MOTH, see RHYACIONIA FRUSTRANA (Comst.)**
- NAPOMYZA** sp.
Wirth, Hawaiian Ent. Soc. P 13 21, 1947
- *NARCISSUS BULB FLY, see LAMPEZIA EQUESTRIS (F.)**
- NARCISSUS INSECTS**
De Mol, Flor. Exch. 105(16) 21, 1945
- *NARROW-WINGED MANTIS, see TENODERA ANGUSTIPENNIS** Sauss.
- NASSOPHYSIS ORCHIDEARUM** (Voss)
Swezey, Hawaiian Ent. Soc. P 12:352, 1945
- NASTURTIUM APHID, see APHIS FABAE** Scop
- NASUTITERMES ACAJUTLAE** (Holmg.), see **NASUTITERMES NIGRICEPS** (Hald.)
- NASUTITERMES CORNIGER** (Motsch.)
Snyder, Wood Preserv. News 25 37-38, 1947
- NASUTITERMES COSTALIS** (Holmg.)
1 Martorell, P. R. Univ. J. Agr. 29 361-366, 1945
Wolcott, P. R. (Rio Piedras) B 68 2, 1946
- NASUTITERMES DISCOLOR** (Banks), see **PARVITERMES DISCOLOR** (Banks)
- NASUTITERMES NIGRICEPS** (Hald.)
Martorell, P. R. Univ. J. Agr. 29 361, 1945
- NASUTITERMES WOLCOTTI** Snyder, see **PARVITERMES WOLCOTTI** (Snyder.)
- NATIONAL RESEARCH COUNCIL**
Melency, Amer. J. Trop. Med. 25(1) 63-65, 1945
- NATIONAL RESEARCH COUNCIL - CHEMICAL-BIOLOGICAL COORDINATION CENTER**
Kirner, Ent. Soc. Wash. P. 50:49-50, 1948. (Abs.)
- NATIONAL RESEARCH COUNCIL - COMMITTEE ON INSECT CONTROL**
Ormsbee, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25.30-31, 1946
Nat. Res. Council R. f. 1944/45:25-26, 1946, f. 1945/46:25, 1947

- NATIONAL SCIENCE FOUNDATION
Fracker et al., Amer. Assoc. Econ.
Ent. N. Cent Sts Branch P 25:31-
34, 1946.
- *NATIVE ELM BARK BEETLE, see HY-
LURGOPINUS RUFIPES (Eichh.)
- NAUPACTUS LEUCOLOMA (of North
Amer. auth., not Boh.), see
GRAPHOGNATHUS LEUCOLOMA
FECUNDUS Buch.
- NAUPHOETA CINEREA (Oliv.) (CINER-
OUS COCKROACH)
i Rehn, Sci. Month. 61:274-275, 1945
- *NAVEL ORANGEWORM, see MYELOIS
VENIPARS Dyar
- NEALYDA Dietz - SYNOPSIS
nik Clarke, Wash. Acad Sci J 36:
425-427, 1946
- NECROBIA RUFIPES (Deg.) (RED-
LEGGED HAM BEETLE)*
Arnason, Can. Ins. Pest Rev. 25:123,
1947.
Monro & Delisle, Sci. Agr. 25:797-
816, 1945; abridged in Pests 14(9):
14, 16-17, 20-22, 1946
- NECROPHORUS F., see NICROPHORUS F.
- NECROSIS OF CACTUS, see CACTO-
BROSIS FERNALDIALIS & NECRO-
SIS OF CACTUS
- NECTAR PLANTS, see HONEY PLANTS
- NECYDALIS LAEVICOLLIS Lec
i Hardy, Victoria Nat. 2:91, 1945.
- NECYDALIS MELLITA (Say)
i Knoll, Ohio Biol. Surv. B. 39:186,
1946
- NEELIDAE
bik Bonet, Soc. Mex. Hist. Nat. Rev.
8:131-192, 1947.
- NEELLA Reut
nk Hsiao, Wash. Acad. Sci. J. 36:385-
387, 1946
- NEGETA CHLOROCROTA Hamp.
Swezey, Hawaiian Ent. Soc. P. 12:364,
1945.
- NEMATUS ATRIVENTRIS (Marl.)
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
- NEMATUS BOZEMANI (Cooley) (POPLAR
LEAF-FOLDING SAWFLY)*
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
- NEMATUS NIGRIVENTRIS (Curran)
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:66-67, 1945;
f. 1945:63, 1946; f. 1946:82, 1947.
Mathers, Can. Ins. Pest Rev. 24:122,
1946; 25:78, 1947.
- NEMATUS RIBESII (Scop.) (IMPORTED
CURRANTWORM)*
Arnason et al., Can. Ins. Pest Rev.
24:89, 1946.
Cannon, Can. Ins. Pest Rev. 24:11,
1946.
Edmondson, Wyo. Ext. C. 58 rev.:29-
30, 1945.
Mills & Dewey, N. Y. (C.) Ext. B.
306 rev.:33-34, 1946.
Peterson, Can. Ins. Pest Rev. 24:113,
1946.
- NEMATUS RIBESII--Continued.
Quaintance & Porter, USDA FB 1398
rev.:15, 1946.
Ross, Can. Ins. Pest Rev. 24:48, 1946.
Smith et al., Kans. Ent. Soc. J. 20:54,
1947.
Talbert, Gen. Hort.:190, 1946.
- NEMATUS VENTRALIS Say (WILLOW
SAWFLY)*
i Boyd, N. J. Dept. Agr. C. 355:69,
1945.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:57, 1945
Peterson, Can. Ins. Pest Rev. 25:80,
1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:73, 1947.
- NEMERITIS CANESCENS (Grav.), see
IDECTHIS CANESCENS (Grav.)
- NEMESTRINIDAE
Bequaert, Psyche 54:194-207, 1947
Spencer, B. C. Ent. Soc. P. 42:18,
1945
- NEMOBIUS Serv. - PREDATORS
James, Quebec Soc. Protect. Plants
R. 30:110, 1947.
- NEMOBIUS FASCIATUS (Deg.) - SONI-
FICATION - SUPERSONIC
Pielemeler, Acoust. Soc. Amer. J. 17.
337-338, 1946
- NEMOBIUS FASCIATUS FASCIATUS
(Deg.)
James, Ent. Soc. Ont. R. 75:36, 1945.
- NEMORIA DELICATARIA (Dyar) -
EARLY STAGES
i Comstock, South. Cal. Acad. Sci. B.
44:20-21, 1945
- NEMORILLA FLORALIS (Fall.)
Arbuthnot et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 6):4
Clark & Jones, USDA EPQ Ins. Pest
Surv. Sp. Sup. (1946, No. 3):4
Peterson, Ohio J. Sci. 46:323-326,
1946
Plank, P. R. (Mayaguez) R. f. 1944:27,
1945
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:12, 1947.
- NEMORILLA PYSTE (Wlkr.), see
NEMORILLA FLORALIS (Fall.)
- NEOBORUS AMOENUS (Reut.) (ASH
PLANT BUG)*
Davila & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
24, 1946.
Manson et al., Can. Ins. Pest Rev. 24:
99, 1946.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:55, 1945;
f. 1945:57, 1946.
Peterson, Can. Ins. Pest Rev. 24:107,
1946.
Peterson & Manson, Can. Ins. Pest
Rev. 25:51, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:70, 1947.
- NEOBORUS ILLITUS Van D., N. PACIFI-
CUS Van D.
bi Usinger, J. Ec. Ent. 38:585-591,
1945.

- NEOBORUS VITTIIFRONS** Kngt
Lauderdale, Ariz St Ent R f
1945/46 20
- NEOCATOLACCUS TYLODERMAE**
(Ashm)
Wylie, Fla. St Hort Soc P 59 89,
1946
- NEOCHRYSOPS GLOBOSUS** Walt
Walton, Ent Soc Wash P 49 188,
1947
- NEOCLYTARLUS DODONAEAE** Swezey
n Swezey, Hawaiian Ent Soc P 12
487, 621-622, 1946
- NEOCLYTARLUS LOOKII** Swezey
n Swezey, Hawaiian Ent Soc P 13
101-102, 1947
- NEOCLYTARLUS MEZONEURI** Swezey
n Swezey, Hawaiian Ent Soc P 12
623, 1946
- NEOCLYTUS ACUMINATUS (F) (RED-
HEADED ASH BORER)***
Knull, Ohio Biol Surv B 39 220-221,
1946
Wallace, Conn B 488 370, 1945
- NEOCLYTUS ARANEIFORMIS** (Oliv)
Martorell, P R Univ J Agr 29 441,
1945
- NEOCLYTUS BALTEATUS** Lec
Smith, B C Ent Soc P 42 28, 1945
- NEOCLYTUS CAPREA (Say), N CON-
FUSUS** Van D
Knull, Ohio Biol Surv B 39 221-222,
1946
- NEOCLYTUS CONJUNCTUS** Lec
i Hardy, Victoria Nat 2 92, 1945
- NEOCLYTUS JOUTELI** Davis, N MU-
CRONATUS (F)
Knull, Ohio Biol Surv B 39 220-222,
1946
- NEOCLYTUS MURICATULUS** (Kby)
Knull, Ohio Biol Surv B 39 221,
1946
Peterson, Can. Dept Agr Div Ent
For Ins Surv R f. 1945 57, 1946
Peterson, Can Ins Pest Rev. 24-109,
1946
- NEOCLYTUS PROVOANUS** Casey
Smith, B C Ent Soc. P 42 28, 1945
- NEOCLYTUS SCUTELLARIS** (Oliv)
Knull, Ohio Biol. Surv. B 39 219-220,
1946.
- NEOCONOCEPHALUS ENSIGER** (Harr) -
SONIFICATION
Pielemeyer, Sci. Month. 62 452, 1946.
- NEODINE MACRASPIIS** (Perty) - TESTES
b Schrader, Biol. Bul 90:282,284-288,
1946.
- NEODIPRION** sp
Atwood, Can Dept. Agr. Div. Ent For.
Ins. Surv. R f. 1944:33, 1945.
Connaughton, USDA FS South. For.
Expt. Sta R. 27:25-26,62-63, 1947.
DeGryse, For. Ent. in Can..4, 1947
Dirks & Curtis, Maine B. 438:684,
1945; 442:298-299, 1946.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944.64, 1945; f.
1945-63, 1946; f 1946:81-82, 1947.
Leech, Can. Ins Pest Rev. 25:75,
1947.
Peterson, Can. Dept Agr. Div Ent.
For. Ins. Surv. R.f. 1944:55, 1945.
- NEODIPRION ABIETIS** (Harr) (BAL-
SAM-FIR SAWFLY)* (BLACK-
HEADED FIR SAWFLY) (SPRUCE
SAWFLY)
Atwood, Can Dept Agr Div Ent For
Ins Surv R. f 1944 29, 1945
Balch & Reeks, N B. Dept Lands &
Mines R 108 110, 1945
Bird & Mitchener, Can Ins Pest Rev.
24 71, 1946
Bradley & MacDonald, Can. Dept
Agr Div Ent For Ins Surv. R f
1946 46, 1947
i Cummings, Amer Nurserym 83(7)
13-14 1946
Davault, Laurentian For Protect
Assoc Ltd R 36-40, 1946
Davault, Can Dept Agr Div Ent
For Ins. Surv R f. 1946 21, 1947
Davault & Lambert, Can Dept Agr
Div Ent For Ins Surv R f 1945
22, 1946
Gardiner, Can Min Agr R f
1945/46 150, f 1946/47 94
Kennedy, Ont Royal Comn For R. f
1947 116
Lejeune, Can Dept Agr Div Ent
For. Ins Surv R f 1945 47, 1946
Lejeune, Can Ins Pest Rev 24 79,
1946
McGuffin & Barker, Can Dept. Agr
Div Ent For Ins Surv R f 1946:
59, 1947
i Mathieson, Hydro News 33(1) 24-26,
1946
Peterson & Sandercock, Can Dept
Agr Div Ent For Ins Surv R f
1946 67, 1947
Peterson et al., Can Ins Pest Rev.
25 53-54, 1947
Reeks, Can Ins Pest Rev 24 25,
1946
Reeks et al., Can Dept Agr. Div Ent
For Ins Surv R f 1944 6, 1945,
f. 1946 13, 1947
Richmond & McGuffin, Can Dept Agr
Div Ent For Ins Surv R f 1944
47, 1945
Watson & MacKay, Can Dept Agr.
Div Ent. For Ins. Surv R f 1945
30, 1946
Watson & Razienne, Can Dept Agr.
Div Ent For Ins Surv R. f 1946.
38, 1947
- NEODIPRION ABIETIS - PARASITES**
Briand, Quebec Soc Protect Plants
R 30:54-59, 1947
- NEODIPRION AMERICANUS BANKSIA-
NAE** Roh. (JACK-PINE SAWFLY)
Atwood, Can. Dept. Agr. Div. Ent.
For. Ins. Surv R. f. 1944 31, 1945
Watson & MacKay, Can Dept Agr
Div. Ent. For Ins Surv. R f. 1945-
31, 1946
Watson & Razienne, Can. Dept Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
37, 1947.
- NEODIPRION AMERICANUS BANKSIA-
NAE - PARASITES**
i Baldwin & Coppel, Can. Ent. 79:221-
223, 1947.

- NEODIPRION AMERICANUS BANKSIA-
NAE - PARASITES--Continued
Wilkes, in Ont. Dept Agr Div. Ent.
Parasite Invest Unit, Control For
Ins. Prov. Ont by Introd Ins.
Parasites.40-42,55-59, 1947.
- NEODIPRION BANKSIANA Roh., see
NEODIPRION AMERICANUS
BANKSIANA Roh
- NEODIPRION BURKEI Midd. (LODGE-
POLE SAWFLY)*
Mathers, Can. Ins Pest Rev 24 122,
1946.
- NEODIPRION FABRICII (Leach) -
SPRAYS - DDT
Connaughton, USDA FS South. For
Expt. Sta R. 27 62-63, 1947.
- NEODIPRION LECONTEI (Fitch) (RED-
HEADED PINE SAWFLY)*
(LECONTE'S SAWFLY)
i Anderson, Tex. For Serv , Le-
Conte's Sawf.y,5 p., 1947
i Boyd, N J. Dept Agr C. 355-65-
66, 1945
Connaughton, USDA FS South. For
Expt Sta R. 25:14, 1945, 27-63,
1947
Foss, N. Y. St Conserv Dept R 36.
78, 1946
Schaffner, USDA EPQ Ins Pest Surv
Sum. of Ins. Conditions in 1944 15,
1945
- NEODIPRION LECONTEI - CANADA
Atwood, Can. Dept Agr Div Ent. For
Ins Surv R f 1944 31, 1945
Bradley, Can Dept Agr Div Ent
For Ins Surv R. f 1945-38, 1946
Bradley, Can. Ins. Pest Rev. 24 62,
1946, 25 74, 1947.
Bradley & MacDonald, Can Dept
Agr Div Ent For Ins Surv R. f
1946-45, 1947
i Daviault, For Québécoise 12:573-
575, 1947, Québec Min. Terres et
For Bur d'Ent. C 8,3 p., 1947?
Daviault & Lambert, Can Dept. Agr
Div. Ent For Ins. Surv R f 1945
23, 1946
Lambert, Can. Dept. Agr Div Ent
For Ins Surv. R f 1944 18, 1945
Watson, Can. Ins. Pest Rev 24:64,
1946.
Watson & MacKay, Can. Dept Agr.
Div. Ent. For. Ins Surv R f 1945:
28, 1946
Watson & Raizenne, Can. Dept Agr.
Div. Ent. For. Ins Surv. R. f. 1946:
35, 1947.
- NEODIPRION LECONTEI - PARASITES
i Baldwin & Coppel, Can. Ent. 79:221-
223, 1947.
Wilkes, in Ont. Dept. Agr Div. Ent.
Parasite Invest. Unit, Control For.
Ins. Prov. Ont. by Introd. Ins. Para-
sites:43-46,56-59, 1947.
- NEODIPRION LECONTEI - SPRAYS -
DDT
Annand, USDA EPQ R. f. 1944/45:15;
f. 1946/47:23.
Craighead & Brown, USDA EPQ
E-649:2, 1945; E-684:10, 1946.
- NEODIPRION LECONTEI - SPRAYS -
DDT--Continued.
Dowden et al., USDA EPQ E-663:5-8,
12, 1945
- NEODIPRION NANULUS Schedl (RED-
PINE SAWFLY, CANADA)
Bradley, Can. Ins Pest Rev 25 74-
75, 1947.
Bradley & MacDonald, Can Dept Agr
Div. Ent. For. Ins Surv R. f 1946:
46, 1947.
- NEODIPRION NANULUS - PARASITES
Wilkes, in Ont Dept Agr. Div Ent
Parasite Invest Unit, Control For
Ins. Prov Ont by Introd Ins
Parasites 37-39,56-59, 1947
- NEODIPRION PINETUM (Nort.) (WHITE-
PINE SAWFLY)* (ABBOTT'S
SAWFLY)
Watson, Can Ins Pest Rev 25-76,
1947
Watson & Razienne, Can Dept Agr
Div Ent For Ins Surv R f 1946
38, 1947
- NEODIPRION PINI-RIGIDAE (Nort.), see
NEODIPRION FABRICII (Leach)
- NEODIPRION RUGIFRONS Midd., see
NEODIPRION VIRGINIANA Roh
- NEODIPRION SERTIFER Geoffr (EURO-
PEAN PINE SAWFLY) (PINE SAW-
FLY)
Atwood, Can Dept Agr Div Ent
For Ins Surv. R. f 1944 32, 1945
i Boyd, N J. Dept Agr C 355 67-
68, 1945
Davis, Amer Nurserym 84(9) 9,
1946
Flory et al., S C Ext. B. 107.28,
1947 (Repr.)
bi Girth & McCoy, N J Dept Agr
C. 363,18 p, 1946.
Watson, Can Ins. Pest Rev 24 65,
1946, 25-75, 1947
Watson & MacKay, Can Dept. Agr.
Div Ent For. Ins Surv R f 1945-
28, 1946
Watson & Raizenne, Can Dept Agr.
Div Ent. For. Ins. Surv. R. f 1946:
35, 1947.
- NEODIPRION SERTIFER - PARASITES
Finlayson, in Ont Dept. Agr. Div.
Ent. Parasite Invest. Unit, Control
For. Ins Prov. Ont. by Introd. Ins.
Parasites:47-52, 1947
i Girth & McCoy, N. J. Dept. Agr C.
363:10,12-17, 1946.
Girth & McCoy, N. Y. Ent. Soc. J. 54:
320, 1946.
Weiss, N J. Dept. Agr. R. 30:189-
190, 1945; 31:146-147, 1946; 32:
158, 1947.
- NEODIPRION SERTIFER - SPRAYS
Annand, USDA EPQ R. f. 1945/46:16.
- NEODIPRION SERTIFER - SPRAYS -
DDT
Rex, For. Leaves 37(3/4):8, 1947.
Weiss, N. J. Dept. Agr. R. 31:148,
1946; 32:158-160, 1947.
- NEODIPRION SWAINEI Midd. (SWAINE'S
PINE SAWFLY)
Atwood, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:31, 1945.

NEODIPRION SWAINI--Continued.

- Bradley, Can Dept Agr Div Ent For. Ins. Surv. R. f. 1945:38, 1946
Bradley, Can Ins Pest Rev 24:62, 1946.
Bradley & Daviault, Can. Ins Pest Rev 72-73, 1947.
Bradley & MacDonald, Can Dept Agr Div Ent For Ins Surv R f 1946:45, 1947
Daviault, Can Dept. Agr Div Ent. For Ins Surv R f. 1946 22, 1947
Daviault & Lambert, Can Dept Agr Div Ent. For Ins Surv R f 1945 23, 1946
Lambert, Can Dept Agr Div. Ent For Ins Surv R f 1944 18, 1945
NEODIPRION SWAINI - PARASITES
Wilkes, in Ont Dept Agr Div Ent Parasite Invest Unit, Control For Ins Prov Ont, by Introd Ins Parasites 56-59, 1947
NEODIPRION TSUGAE Midd (HEMLOCK SAWFLY)*
Leech, Can Dept. Agr. Div Ent For Ins Surv R f 1944 65, 1945, f 1945 62, 1946, f 1946 82-83, 1947
i Prebble & Graham, B C Lumberm 29(2) 27,42, 1945
Richmond, B C. Lumberm 31(4):84, 1947
Richmond, Can Ins Pest Rev 24 124, 1946, 25-66, 1947
NEODIPRION VIRGINIANA Roh (RED-HEADED JACK-PINE SAWFLY)
Atwood, Can Dept Agr Div. Ent For Ins Surv R f. 1944:33, 1945
NEOHAEMATOPINUS Mjób
nik Rubin, Ent Soc Wash P 48-119-124, 1946
NEOHAEMATOPINUS LAEVIUSCULUS (Grube)
Linsdale, Cal Ground Squirrel. 289-293, 1946.
NEOKOLLA CIRCELLATA (Baker), see HORDNIA CIRCELLATA (Baker)
NEOKOLLA CONFLUENS (Uhl.), see KEONOLLA CONFLUENS (Uhl.)
NEOKOLLA GOTHICA (Sign.), see NEOKOLLA HIEROGLYPHICA (Say)
NEOKOLLA HIEROGLYPHICA (Say) & PIERCE'S DISEASE OF GRAPE-VINES
b Frazier & Freitag, Phytopathology 36:634-637, 1946.
NEOLEUCINODES ELEGANTALIS (Guen.)
USDA EPQ SRA 166:46, 1947.
NEOLIPOPTENA FERRISI (Beq.)
Cowan, Can. J. Res. Sect. D 24:77, 1946.
bi Herman, Cal. Fish & Game 31(1):16-20, 1945.
NEOLYGUS COMMUNIS (Kngt.) (PEAR PLANT BUG)* (GREEN APPLE BUG)
Mills & Dewey, N. Y. (C.) Ext. B. 711. 48,50-51, 1947.
Neary, N. S. Fruit Grow. Assoc. R. 82: 35-36, 1945; 83:23, 1946; 84:114-115, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946.

NEOLYGUS COMMUNIS NOVASCOTIENSIS Kngt

- Neary, N S Dept Agr. R. f. 1943/44: 102, 1945, f 1944/45:104, 1946, f 1945/46:93, 1947
Patterson & Neary, Can Ins Pest Rev 25 89, 1947
NEOPHASIA MENAPIA (Feld & Feld) (PINE BUTTERFLY)*
Foxlee, B C Ent Soc P 42 14, 1945.
Leech, Can Dept Agr Div Ent For Ins Surv R f 1944:65, 1945
NEOPHYLLAPHIS ARAUCARIAE Tak
Swezey, Hawaiian Ent Soc P 12 470, 1946
NEOPLATYPEDIA CONSTRICTA Davis
Fautin, Ecol Monog 16 269,273, 1946.
NEOPOLLENIA AUSTRALIS (Bdyl) & MYIASIS
James, USDA Misc Pub 631 90, 1947
NEOPOLLENIA FALLAX (Hardy) & MYIASIS
James, USDA Misc Pub 631 90, 1947.
NEOPOLLENIA LAEMICA (White) & MYIASIS
James, USDA Misc Pub 631:90, 1947
NEOPOLLENIA RUFIPES (Macq) & MYIASIS
James, USDA Misc Pub 631 90, 1947
NEOPOLLENIA STYGIA (F) & MYIASIS
James, USDA Misc Pub 631 89, 1947
NEOPTYCHODES TRILINEATUS (L.) (THREE-LINED FIG-TREE BORER)
Condit, Fig-179, 1947
NEORHYNCHOCEPHALUS VOLATICUS (Will) - LOWER CALIFORNIA
Bequaert, Bklyn Ent Soc B. 41:167, 1946
NEOSCHÖNGASTIA BREVIPIES Ewing
MacCreary, J Ec Ent. 38 127, 1945
NEOSCHÖNGASTIA DUBIA Günth & SCRUB TYPHUS
Kohls et al., Amer. J. Hyg. 41:381, 1945.
NEOSCHÖNGASTIA INDICA (Hirst), see ASCOSCHÖNGASTIA INDICA (Hirst)
NEOSCHÖNGASTIA WOMERSLEYI Günth. & SCRUB TYPHUS
Blake et al., Amer J. Hyg 41:295, 299, 1945.
NEOSTYLOPYGA RHOMBIFOLIA (Stoll) (HARLEQUIN COCKROACH)
i Rehn, Sci. Month 61:273-274, 1945
NEOTERMES CONNEXUS Snyder
Swezey, Hawaiian Ent Soc P. 12:467, 1946
NEOTHOMASIA POPULICOLA (Thos.) & MOSAIC OF BEANS
Jensen, Hawaiian Ent. Soc. P. 12:582, 1946.
NEOTRICHOPHORUS ABRUPTUS (Say) LARVAE
i Jewett, Ky. B. 489:10-11, 1946.
NEOTROPICAL BOT FLY, see DERMATOBIA HOMINIS (L., Jr.)
NEOTTIGLOSSA CAVIFRONS Stal - EGGS
Esselbaugh, Ent. Soc. Amer. Ann. 39: 678-680, 1946.

- NEOTTIGLOSSA SULCIFRONS Stål - EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39:678, 1946.
- NEPHOTETTIX APICALIS CINCTICEPS (Uhl.) & RICE DWARF DISEASE
Jensen, Hawaiian Ent. Soc. P. 12:544, 1946
- NEPTICULA BRAUNELLA Jones
Rindge, Pan-Pac. Ent. 23:25, 1947
- NEPYTIA CANOSARIA (Wlkr.) (FALSE HEMLOCK LOOPER)
Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 46, 1947
- NEPYTIA PHANTASMARIA Stkr.
Richmond, Can. Ins. Pest Rev. 24:124, 1946
- NESODYNERUS RUDOLPHI (D. T.)
Pemberton, Hawaiian Planters' Rec. 50:131-132, 1946
- NESOSTELES GUAJANAE (DeLong)
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 553, 1946
- NESOSYDNE IPOMOEICOLA Kirk
Fullaway, Hawaiian Ent. Soc. P. 12:468, 1946
- NESOTRIATOMA FLAVIDA (Neiva)
Usinger, Pan-Pac. Ent. 22:19-20, 1946
- NESSORHINUS GIBBERULUS Stål
Martorell, P. R. Univ. J. Agr. 29:370, 1945.
- NESSORHINUS VULPES Amyot & Serv.
Martorell, P. R. Univ. J. Agr. 29:370-371, 1945
- NESTICUS CARTERI Emrtn - BREEDING HABITS
bi Ives, Elisha Mitchell Sci. Soc. J. 63:215-219, 1947.
- NET NECROSIS OF POTATO, see under genera MACROSTELES, PARATRIOZA, and LEAFHOPPERS & PLANT DISEASE - NET NECROSIS OF POTATO
- NETELIA sp.
Wylie & Wilson, Fla. R. f. 1945/46:189.
- NEURIGONA SOMBREA Harmst. & Knowlt.
n Harmston & Knowlton, Kans. Ent. Soc. J. 18:77-78, 1945.
- NEUROCOPUS NUBILUS (Say)
Bibby, J. Ec. Ent. 39:815, 1946.
- NEUROPTERA - MISSOURI
bik Froeschner, Ent. Soc. Amer. Ann. 40:123-136, 1947.
- NEUROPTERA - TRAPS - LIGHT
Knowlton, Bklyn. Ent. Soc. B. 41:19, 1946.
- NEUROTERUS sp.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:58, 1945.
- NEUROTOMA INCONSPICUA (Nort.) (PLUM WEB-SPINNING SAWFLY)*
Peterson, Can. Ins. Pest Rev. 25:97, 1947.
- *NEW GUINEA SUGARCANE WEEVIL, see RHABDOSCELUS OBSCURUS (Bdvi.)
- *NEW YORK WEEVIL, see ITHY CERUS NOVEBORACENSIS (Forst.)
- NEZARA VIRIDULA (L.) (SOUTHERN GREEN STINK BUG)* (PUMPKIN BUG)
Bruner & Valdes Barry, Control de Plagas 8 [i e. 7]:56, 1945.
Osorio, Control de Plagas 8:122, 1946
i Phillips & Cole, Fla. B. 411:15-17, 1945, rev. 14-17, 1947
Watson, Fla. Grow. 55 [i e. 54](9):15, 1946
- NEZARA VIRIDULA - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:10, f. 1946/47:13-14
Dorman, Miss. R. 59:27, 1947?
Ivy & Ewing, J. Ec. Ent. 39:39, 1946, 40:568-569, 1947
Ivy et al., J. Ec. Ent. 40:514-515, 517, 1947
Kelsheimer, Fla. R. f. 1946/47:126
Trullinger et al., USDA OES R. f. 1945/46:107, 111, 1947.
Wolfenbarger, Fla. R. f. 1946/47:249
Wolfenbarger, Fla. Ent. 29:40-44, 1947
Wylie & Wilson, Fla. R. f. 1946/47:182-183
- NEZARA VIRIDULA - INSECTICIDES - DDT
Dorman, Miss. R. 58:24, 1946?
- NEZARA VIRIDULA - PARASITES
Hayslip, Fla. R. f. 1944/45:199
- NICOLES Jaenni
nk Wilcox, Bklyn. Ent. Soc. B. 40:161-165, 1946.
- NICOLETIA (ANELPISTINA) Silv
nik Wygodzinsky, Ciencia 7:15-23, 1946
- NICROPHORUS F
i McCalla, Can. Nature 8:23, 1946
i Milne & Milne, Nat. Hist. 54:256-259, 290, 1945
- NICROPHORUS GUTTULUS Mots., N. GUTTULUS HECATA Bland
Fautin, Ecol. Monog. 16:270, 1946.
- NICROPHORUS HYBRIDUS Hatch & Angell, N. NIGRITUS Mann
Hatch, B. C. Ent. Soc. P. 42:14, 1945.
- NICROPHORUS TOMETOSUS Weber - SENSES - SMELL
bi Dethier, N. Y. Ent. Soc. J. 55:285-293, 1947.
- NICROPHORUS VESPILLOIDES Hbst. - SENSES - SMELL - ANTENNAE
bi Dethier, N. Y. Ent. Soc. J. 55:285-293, 1947.
- NIGRA SCALE, see SAISSETIA NIGRA (Nietn.)
- NILOTASPIS HALLI (Green) (HALL SCALE)*
Annand, USDA EPQ R. f. 1943/44:6; f. 1944/45:42; f. 1945/46:40; f. 1946/47:44.
Armitage, Cal. Dept. Agr. B. 33:236-237, 1945; 34:169-170, 174, 1946; 35:198, 1947.
Fosen, Cal. Dept. Agr. B. 35:193, 1947.
Keifer, Cal. Dept. Agr. B. 34:189, 1946.

- NILOTASPIS HALLI - PREDATORS
 b Kartman, J Ec Ent 39 814, 1946
 NIPHONA PICTICORNIS Muls
 Myers, USDA EPQ Ins Pest Surv Sp
 Sup (1947, No 1) 7
 NIPTUS HOLOLEUCUS (Fald) (GOLDEN
 SPIDER BEETLE)*
 Annason, Can Ins Pest Rev 25 124,
 1947
 Gray, Can Food Packer 17(11) 29,
 1946
 NITIDULIDAE - SWEET CORN
 Knowlton, Utah Mimeo Ser 332 1,
 1947
 NODONOTA PUNCTICOLLIS (Say) (ROSE
 LEAF BEETLE)*
 i Mills & Dewey, N Y (C) Ext B
 711 42-43, 46, 48, 1947
 NODONOTA TRISTIS (Oliv)
 Underhill & Bodenstein, Va TB 97 12,
 1946
 NOMADACRIS SEPTEMFASCIATA (Serv)
 Uvarov, Smiths Inst R f 1944 332,
 1945
 NOMIA Latr & POLLINATION - AL-
 FALFA
 Annand, USDA EPQ R f 1944 45 27
 Linsley, J Ec Ent 39 19-23, 28,
 1946
 NOMIA MELANDERI Ckll
 Lieberman, USDA EPQ E-658 1,4,
 1945
 Lieberman, Utha Agr Expt Sta
 Farm & Home Sci 6(3) 3-4, 1945
 NOMOPHILA NOCTUELLA (Denis &
 Schiff) (CLOVER NOMOPHILA)
 (LUCERNE MOTH)
 i Bohart, Hilgardia 17 298-300, 1947
 NOROPSIS HIEROGLYPHICA (Cram)
 Martorelli, P R Univ J Agr 29 506-
 507, 1945
 *NORTHEASTERN SAWYER, see MONO-
 CHAMUS NOTATUS (Drury)
 *NORTHERN CATTLE GRUB, see HY-
 PODERMA BOVIS (Deg)
 NORTHERN CORN ROOTWORM, see
 DIABROTICA LONGICORNIS (Say)
 *NORTHERN FOWL MITE, see LIPONIS-
 SUS SYLVIARUM (Can & Fanz)
 *NORTHERN HOUSE MOSQUITO, see
 CULEX PIPIENS L
 *NORTHERN MASKED CHAFER, see
 CYCLOCEPHALA BOREALIS
 Arrow
 *NORTHERN MOLE CRICKET, see
 GRYLLOTTALPA HEXADACTYLA
 Perty
 *NORTHERN RAT FLEA, see NOSO-
 PSYLLUS FASCIATUS (Bosc.)
 *NORWAY-MAPLE APHID, see PERI-
 PHYLLUS LYROPICTUS (Kess)
 *NOSE BOT FLY, see GASTEROPHILUS
 HAEMORRHOIDALIS (L.)
 NOSODENDRON Latr - LARVAE
 bi Hayes & Chu, Ent Soc Amer Ann
 39 69-79, 1946
 NOSOPSYLLUS FASCIATUS (Bosc.)
 (NORTHERN RAT FLEA)*
 Cole, U. S. Pub. Health Rpts. 61:1473,
 1477, 1479-1481, 1483-1484, 1946
 NOSOPSYLLUS FASCIATUS--Continued
 i Corrington, Nature Mag 39:222,
 1946
 Rumreich, U S Pub Health Rpts 60
 889, 892-893, 897-900, 902-903, 1945
 NOSOPSYLLUS FASCIATUS - HOSTS
 Pemberton, Hawaiian Acad Sci P
 16 14, 1945 (Abs)
 NOSOPSYLLUS FASCIATUS - INSECTI-
 CIDES
 Roark, USDA EPQ E-654 2, 1945.
 NOSOPSYLLUS FASCIATUS - INSECTI-
 CIDES - DDT
 Annand, USDA EPQ R f 1944, 45 9-
 10
 Gouck, J Ec Ent 39 410-411, 1946
 Ludwig & Page, U S Pub Health
 Rpts 62 78, 82-83, 1947
 NOSOPSYLLUS FASCIATUS - SURVEYS
 Cole & Koepke, U S Pub Health
 Rpts Sup 202 3, 6-7, 31, 44-47, 49, 51,
 53-57, 63-64, 1947
 NOSOPSYLLUS FASCIATUS & DISEASE
 Enright, Hawaiian Acad Sci P 16
 14, 1945 (Abs)
 Van Zwaluwenburg, Plantation Health
 10(1) 27, 1946
 NOSOPSYLLUS FASCIATUS & PLAGUE
 Doty, Hawaiian Planters Rec 49 98,
 1945
 Wayson, U S Pub Health Rpts 62
 785-786, 1947
 NOSOPSYLLUS FASCIATUS & PLAGUE,
 SYLVATIC
 Wheeler & Douglas, J Infect Dis 77
 4, 10-12, 1945
 NOSOPSYLLUS FASCIATUS & RICKETT-
 SIAL DISEASE OF VOLES
 Baker, J Expt Med 84 47-48, 1946
 NOSOPSYLLUS FASCIATUS & TYPHUS,
 MURINE
 Boston, Med Assoc Ga J 34 231-
 232, 1945
 Davis, U S Pub Health Rpts 62 455,
 1947
 Davis & Pollard, Amer J Trop Med
 26 619, 1946
 Doty, Hawaiian Planters' Rec 49 98,
 1945
 Faust, Miss Doctor 22 309, 1945
 Hinton, N C St Bd Health, Health
 B 60(10) 10-11, 1945
 NOTARIS AETHIOPS (F.) GENITALIA -
 MALE
 i Bruhn, Great Basin Nat. 8 11-12,
 1947
 NOTARIS PUNCTICOLLIS (Lec) -
 GENITALIA - MALE
 i Bruhn, Great Basin Nat 8 11, 1947
 NOTOEDRES CATI (Hering)
 i Coffin, Man. Vet Clin. Path rev.
 60, 1945
 NOTOEDRES CUNICULI (Gerl)
 Meek, Rabbit Raising for Profit: 226-
 227, 1947.
 Osborne, Can. J Compar. Med 11
 144-145, 1947
 NOTOGRAMMA STIGMA (F.)
 Carter, Hawaiian Ent Soc P 12.470,
 1946

NOTOLOPHUS ANTIQUUS (L.) (RUSTY TUSSOCK MOTH)*

- i Daviault, For. Québecoise 12:28-31, 1947; Québec Min Terres et For. Bur. d'Ent. C. 5,4 p., 1946?
- Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:25, 1947
- Harrison, N. S. Dept. Lands & For. R. f. 1944:45, 1945; f. 1945:39, 1946
- Neary, N. S. Dept. Agr. & Mktg. R. f. 1944/45:93, 1947.
- Neary, N. S. Fruit Grow. Assoc. R. 83:23, 1946; 84:114, 1947.
- Patterson & Neary, Can. Ins. Pest Rev. 25:90-91, 1947.
- Peterson & Daviault, Can. Ins. Pest Rev. 25:45, 1947.
- Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:13, 1947
- Richmond, Can. Ins. Pest Rev. 24:124, 1946.
- Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945. 31, 1946.

NOTOLOPHUS ANTIQUUS BADIUS Hy. Edw

- Hardy, B. C. Ent. Soc. P. 42:3-6, 1945
- i Prebble & Graham, B. C. Lumberm. 29(2):42,44, 1945.

NOTONECTA L. - NEW ENGLAND

- k Hutchinson, Conn. Acad. Arts & Sci. Trans. 36:599-605, 1945.

NOVIINI - LARVAE - TAXONOMY

- ik Rees, Pan-Pac. Ent. 23:113-119, 1947.

NOVOMESSOR Emory

- nik Enzmann, N. Y. Ent. Soc. J. 55:147-153, 1947.

NUCHE FLY, see DERMATOBIA HOMINIS (L., Jr.)

NURSERY INSECTS

- Besse, Oreg. C. Inform. 353:13-14, 1945.
- bi Boyd, N. J. Dept. Agr. C. 355,142 p., 1945
- i Cummings, Amer. Nurserym. 83(7) 13-14; 84(10):11-12, 1946
- Davis, Amer. Nurserym. 84(9):9-10, 44, 1946.
- Gambrell & Wheeler, N. Y. (G.) R. 63:26, 1945
- Haeussler, Cal. Dept. Agr. Sp. Pub. 209.92-100, 1945.
- Hardy, Iowa St. Hort. Soc. Trans. 82:163-164, 1947.

NURSERY INSECTS - INSECTICIDES

- Armitage, Cal. Dept. Agr. B. 33:241, 1945.
- Bower, South. Flor. 60(16):15,77, 1947.
- Drake et al., Iowa Dept. Agr. YB 47:110-111, 1947.
- Fleming & Maines, USDA EPQ E-716:16-19, 1947.
- Weiss, N. J. Dept. Agr. R. 32:152-153, 1947.

NURSERY PINE SAWFLY, see DIPRION FRUTETORUM (F.)

NUT INSECTS

- Beach & Childers, Ohio Ext. B. 252 rev.:54, 1945.
- i Houser, Amer. Fruit Grow. 67(6):17,36, 1946.

NUT INSECTS--Continued

- Lounsbury, Iowa St. Hort. Soc. Trans. 81:258,263, 1946
- MacDaniels, N. Y. (C.) Ext. B. 701 31-32, 1946.
- i Talbert, Gen. Hort. 193-194,326, 343-344, 1946
- USDA Tree-Nuts Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946:3-7, 1947.

NUT INSECTS, see also STORED PRODUCTS INSECTS - NUTS

***NUTGRASS ARMYWORM, see LAPHYGMA EXEMPTA (Wlkr.)**

NUTMEG INSECTS

- Whitaker, USDA OFAR Agr. in the Amer. 7:51, 1947

***NUTTALL BLISTER BEETLE, see LYTITA NUTTALLI Say**

NYCTERIBOSCA FRANCLEMONTI Mathsn

- bni Matheson, J. Parasit. 31:192-194, 1945

NYCTOBIA LIMITARIA (Wlkr.) - LARVAE

- i McGuffin, Can. Ent. 77:197-198, 1945

NYGMIA PHAEORRHOEA (Donov) (BROWN-TAIL MOTH)*

- Annard, USDA EPQ R. f. 1943/44 35, f. 1944/45:37,53-55; f. 1945/46 35, 52-53, f. 1946/47:58-61
- Brownell, Amer. Photog. 39(8) 42, 1945
- Hood, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944 16, 1945, in 1945 18-19, 1946
- Lathrop, Maine Ext. B. 274 rev. 11-12, 18, 1945
- Lyle, J. Ec. Ent. 40:4, 1947
- Trafton, Maine Dept. Agr. Bien. R. f. 1944/46 68

NYGMIA PHAEORRHOEA - PARASITES

- Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 14, 1946.

NYGMIA PHAEORRHOEA - QUARANTINE

- Anderson, USDA EPQ SRA 165:51-58, 1946.
- Annard, USDA EPQ SRA 166:9-10, 1947.
- Brannan, USDA EPQ SRA 163:19-20, 1945.

NYLON INSECTS

- Patton, J. Ec. Ent. 38:522-523, 1945.

NYMPHALIDAE

- bi Dos Passos & Grey, Amer. Mus. Nov. 1297,17 p., 1945.

- Hardy, Victoria Nat. 2:142-145, 1946

NYMPHALIS ANTIOPA (L.) (MOURNING-CLOAK BUTTERFLY)* (SPINY ELM CATERPILLAR)

- Ainscough, Victoria Nat. 4:11, 1947
- Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:33, 1945.
- i Boyd, N. J. Dept. Agr. C. 355:47-48, 1945.
- i Knight, Iowa Conserv. 4:137,139, 1945.

NYMPHALIS ANTIOPA--Continued

- Lambert, Can. Dept Agr Div Ent
For Ins Surv R f 1944 19, 1945
Lejeune, Can Ins Pest Rev 24 79,
1946
McGuffin & Barker, Can Dept Agr
Div Ent For Ins Surv R f 1946
59, 1947
Peterson, Can Dept Agr Div Ent
For Ins Surv R f 1944 57, 1945,
f 1945-57, 1946
Peterson, Can Ins Pest Rev 24-111,
1946, 25 64, 1947
Peterson & Sandercock, Can. Dept
Agr. Div. Ent For Ins Surv R f
1946 72, 1947.
Richmond & McGuffin, Can. Dept Agr
Div Ent For Ins Surv R f 1944-
48, 1945
Severin, S Dak R 60 17, 1947
Watson & MacKay, Can Dept Agr
Div. Ent For Ins Surv R f 1945
31, 1946

NYMPHALIS ANTIOPA - PARASITES

- Reeks et al., Can Dept Agr Div Ent
For Ins Surv R f 1945 14, 1946

NYMPHALIS CALIFORNICA (Bdvl)

- (CALIFORNIA TORTOISE-SHELL)
Hardy, B C Ent Soc P 43 36, 1947
Leech, Can Dept Agr Div Ent For
Ins Surv R f 1945 64, 1946, f
1946 82, 1947

- Leech & Manson, Can Ins Pest Rev
25 3, 1947

- Manson et al., Can Ins Pest Rev 24
103, 1946

NYMPHALIS CALIFORNICA - MICHIGAN

- Boram, Jr, Bklyn Ent Soc B 40
102, 1945.

**NYMPHALIS CALIFORNICA - MIGRA-
TION**

- 1 Brockman, Yosemite Nature Notes
24 88, 1945.

- Leech, Can Ent 77-203, 1945

NYMPHALIS J-ALBUM (Bdvl & Lec)

- (COMPTON TORTOISE-SHELL)

- 1 Hardy, Victoria Nat 2-143, 1946

NYMPHALOIDEA

- Clark, Ent Soc Wash P. 49 148-149,
1947.

NYRIDELA CHALCIOPE (Hbn)

- Martorell, P R Univ J Agr 29-499,
1945.

NYSIUS Dallas

- Barber, Can Ent. 79-194, 1947

- nik Barber, Wash. Acad Sci J 37
354-366, 1947.

NYSIUS CALIFORNICUS Stål

- Fautin, Ecol Monog. 16 266, 1946

**NYSIUS COENOSULUS Stål & MOSAIC OF
PAPAYA**

- Jensen, Hawaiian Ent Soc. P. 12 577,
1946

NYSIUS ERICAE (Schill.) (FALSE

- CHINCH BUG)*

- Burgess, Ariz R 56 48, 1946; 57-45,
1947.

- Ebeling, Cal Ext C 43 rev., 52, 1947.

- Fautin, Ecol. Monog. 16:266, 1946

- 1 Lange, Spreckels Sugar Beet Bul. 11-
4, 1947.

NYSIUS ERICAE--Continued

- Lauderdale, Ariz St Ent R f.
1945/46 16.

- Mills et al., Mont B 442:16, 1947

- Ryan, Los Angeles Co. Cal Agr
Comnr R f 1944/45 10, f 1945/46
19

- 1 Shull & Manis, Ida Ext B 150-9,
1945

- 1 Vorhies & Wehrle, Ariz B 203 18-
20, 1946

NYSIUS ERICAE - PEPPERGRASS

- Romney, Ecology 27 260-261, 1946

NYSIUS MINUTUS Uhl., see NYSIUS

- RAPHANUS How

NYSIUS NEMORIVAGUS White - HAWAII

- Holdaway et al., Hawaii R f 1942/44
63, 1945

NYSIUS NIGRISCUTELLATUS Usinger

- Holdaway et al., Hawaii R f 1942/44
63, 1945

NYSIUS RAPHANUS How

- Romney et al., USDA EPQ E-672 2,
12, 1945

- Stuckey, Fa R 57 67, 1945

OAK LACE BUG, see CORYTHUCHA

- ARCUATA (Say)

***OAK SAPLING BORER, see GOES TES-
SELATUS (Hald)**

**OAT THRIPS, see ANAPHOTHRIPS OB-
SCURUS (Mull)**

OBEREA AFFINIS Harr

- Hammond, Can Ins Pest Rev 25 98,
1947

**OBEREA BIMACULATA (Oliv) (RASP-
BERRY CANE BORER)***

- 1 Cummings, Amer Nurserym 83(8)
9, 1946

- Cutright & Vogel Ohio St Hort Soc
P 78 158, 1945

- Knoll, Ohio Biol Surv B 39 279,
1946

- 1 McDaniel, Amer Rose Ann f 1945
153-154

- 1 Mills & Dewey, N Y (C) Ext B
306 rev 12-13, 1946

- 1 Slate et al., N Y (G) C 153 rev
55-58, 1945

- 1 Slate et al., N Y (C) Ext B 719
58-60, 1947

- Wilton, Mich Sp B 222 rev 21,
1946

OBEREA BIMACULATA - CANADA

- Gauthier, Can Ins Pest Rev 24:30,
1946

- Maxwell, Can Ins. Pest Rev 24 23,
1946

- Ross, Can Ins. Pest Rev 24 49, 1946.

- Ross et al., Can Ins. Pest Rev 25:98,
1947.

- Thompson, Can Ins Pest Rev 24.41-
42, 1946

- 1 Thompson, Ont Dept Agr B 355
rev 30, 1947

OBEREA CANADENSIS Fisher

- n Fisher, Can Ent. 77 56, 1945

**OBEREA DELONGI Knoll 281, O GRAC-
ILIS (F.) 281, O. MANDARINA
(F.) 278**

- 1 Knoll, Ohio Biol Surv B 39 1946

- OBBERA MYOPS Hald (AZALEA
STEM BORER) (BLUEBERRY
STEM BORER)
Beckwith, N J Dept. Agr. C 356 48-
49, 1945
Beckwith, USDA FB 1951 rev. 37-38,
1946
Filmer, Home Gard (N Y.) 6(3):94,
1945
Knull, Ohio Biol. Surv. B 39:279,
1946
- OBBERA OCELLATA Hald. 280, O. PAL-
LIDA Casey 277, O. PRUINOSA
Casey 277, O. RUFICOLLIS (F.)
280, O. SCHAUUMII Lec
Knull, Ohio Biol. Surv. B 39: 1946.
- OBBERA TRIPUNCTATA (Swed) (DOG-
WOOD TWIG BORER)*
i Boyd, N J Dept. Agr C 355-120-
121, 1945
Knull, Ohio Biol. Surv. B 39:277,
1946
- OBBERA ULMICOLA Chitt
Knull, Ohio Biol. Surv. B 39 278,
1946
- OBITUARIES - AARON, SAMUEL
FRANCIS, 1862-1947
Calvert, Ent. News 58 137-140, 1947.
Weiss, Ent. News 58 235-236, 1947
Ent. News 58 49, 1947
- OBITUARIES - ALSTERLUND, JOHN F.,
d 1946
J. Ec. Ent. 39 378, 1946.
- OBITUARIES - ANGELL, JOHN WAT-
SON, 1885-1946
Bromley, N Y Ent. Soc. J 54 290,
1946
- OBITUARIES - AVERILL, ALICE W.,
d 1946
Patch, J. Ec. Ent. 39:825, 1946
- OBITUARIES - BEAULIEU, GERMAIN,
1870-1944
Maheux, Nat. Can. 72 229-234, 1945.
- OBITUARIES - BLAISDELL, FRANK
ELLSWORTH, SR., 1862-1946
Tanner, Great Basin Nat. 7 17-20,
1946
bi Van Dyke, Pan-Pac. Ent. 23 49-58,
1947
- OBITUARIES - BOLIVAR Y URRUTIA,
DON IGNACIO, 1850-1944
Cabrera, Ciencia 6 1, 1945.
Rioja LO-Bianco, Ciencia 6:2-8, 1945
- OBITUARIES - BORELLI, ALFREDO,
d 1943
Ent. News 57-99, 1946
- OBITUARIES - BRIMLEY, CLEMENT
SAMUEL, 1863-1946
i Davis, Elisha Mitchell Sci. Soc. J.
63:90-91, 1947
Metcalf, J. Ec. Ent. 40 141, 1947.
- OBITUARIES - BROOKS, GEORGE
SHIRLEY, 1872-1947
Can. Ent. 79:170, 1947
- OBITUARIES - DAVIS, WILLIAM
THOMPSON, 1862-1945
i Teale, Bklyn. Ent. Soc. B. 40:3-6,
1945.
Torre Bueno, Bklyn. Ent. Soc. B. 40:
1945.
Wade, Ent. Soc. Amer. Ann. 39:343-
344, 1946.
- OBITUARIES - DAVIS, WILLIAM
THOMPSON--Continued
Science 101 109, 1945.
- OBITUARIES - DOS PASSOS, VIOLA
HARRIET, 1891-1944
Comstock, N Y Ent. Soc. J 53 47-
48, 1945
- OBITUARIES - FLOYD, BAYARD
FRANKLIN, 1882-1945
Watson, Fla. Ent. 28:39, 1945
- OBITUARIES - FRISON, THEODORE
HENRY, 1895-1945
i Campbell, Sci. Month. 62:91-93,
1946
i Davis, J. Ec. Ent. 38 729-730, 1945.
Gibson, Can. Ent. 78:23-24, 1946
Ross, Ent. Soc. Amer. Ann. 39:345,
1946.
i Ross, Ill. St. Acad. Sci. Trans. 39
155, 1946
- OBITUARIES - GARMAN, HARRISON,
1856-1944
Calvert, Ent. News 56(1) 19-21, 1945
- OBITUARIES - GRASSMAN, PETER
CHASE, 1925-1944
Essig, Ent. Soc. Amer. Ann. 39 344-
345, 1946
- OBITUARIES - GRISWOLD, GRACE H.,
1872-1946
Johannsen, Ent. Soc. Amer. Ann. 39:
346-347, 1946
Peairs, J. Ec. Ent. 39 423-424, 1946
- OBITUARIES - HABER, VERNON
RAYMOND, 1887-1947
i Frost, J. Ec. Ent. 40 613-614, 1947
- OBITUARIES - HADWEN, SEYMOUR,
1877-1947
i Fallis, J. Parasit. 33 517-518, 1947
b Can. J. Compar. Med. 11:169-172,
1947
- OBITUARIES - HAWKINS, KENNETH,
1890-1946
i J. Ec. Ent. 39 681, 1946
- OBITUARIES - HEADLEE, THOMAS
JEFFERSON, 1877-1946
i Peairs & Driggers, J. Ec. Ent. 39:
681-683, 1946
Weiss, Ent. Soc. Amer. Ann. 39.347-
348, 1946
J. Ec. Ent. 39 378, 1946
- OBITUARIES - HENDERSON, WILLIAM
WILLIAMS, 1879-1944
Walker, Utah B. 327-39, 1947.
- OBITUARIES - HOUSER, JOHN
SAMUEL, 1881-1947
i Parks, J. Ec. Ent. 40:611-613, 1947
Arbor. News 12:49, 1947.
- OBITUARIES - HUTCHINGS, CLARENCE
B., 1877-1945
Gibson, Can. Ent. 77.235-236, 1945.
- OBITUARIES - KOFOID, CHARLES
ATWOOD, 1865-1947
Kirby, Science 106:462-463, 1947.
- OBITUARIES - LEOPOLD, FATHER,
1884-1947
Can. Ent. 79:61, 1947
- OBITUARIES - LIEBECK, CHARLES,
1863-1947
Calvert, Ent. News 58:165-168, 1947.
- OBITUARIES - LIGHT, SOL FELTY,
1886-1947.
Bullock, Science 106:483-484, 1947.

- OBITUARIES - LOFTIN, ULPHIAN
CARR, 1890-1946
Watson, Fla Ent 28 48-49, 1946
- OBITUARIES - LUMSDEN, DAVID,
1871?-1945
Science 101 109, 1945
- OBITUARIES - MCKINNEY, KENNETH
BARBEE, 1890-1946
Caffrey & White, J Ec Ent 40 283-
284, 1947
- OBITUARIES - MENOZZI, CARL,
d 1943
Ent News 57 99, 1946
- OBITUARIES - MERRILL, JOSEPH
HENRY, 1881-1946
J Ec Ent 40 141, 1947
- OBITUARIES - MIMEUR, J M, D. 1945
J Ec Ent 39 467, 1946
- OBITUARIES - MORGAN, THOMAS
HUNT, 1866-1945
Moulton & Schifferes, Autobiog of
Sci 586, 1946
Sturtevant, Genetics 1 1-2, 1947
- OBITUARIES - NUNENMACHER, F W,
d 1946
Pan-Pac Ent 22 70, 1946
- OBITUARIES - PETTIT, RUFUS HIRAM,
1869-1946
Wade & Caffrey, Ent Soc Wash P
49 87 1947
J Ec Ent 39 554-555, 1946
- OBITUARIES - SAFRO, VICTOR IRVING,
1888-1944
Leonard J Ec Ent 38 727-729,
1945
- OBITUARIES - SCHOTT, FRED M.,
1887-1946
Weiss, N Y Ent Soc J 54 170-171,
1946
- OBITUARIES - SHANNON, RAYMOND
CORBETT, 1894-1945
Rockefeller Found Internatl Health
Div R f 1945 frontispiece
- OBITUARIES - SHERMAN, FRANKLIN,
1877-1947
Bentley, J Ec Ent 40 610-611, 1947
- OBITUARIES - SLEVIN, LOUIS STANIS-
LAUS, 1879-1945
Ross, Pan-Pac Ent 22 141, 1946
- OBITUARIES - SMITH, RALPH HENRY,
1888-1945
South Cal Acad Sci. B 44 138-
139, 1945
- OBITUARIES - WALDEN, BENJAMIN
HOVEY, 1879-1946
Friend, Conn B 501 6-7, 1946.
Peairs, J. Ec Ent 39-423, 1946
Slate, Conn R. f 1944, 45, 9.
- OBITUARIES - WARD, IVOR JESMOND,
1908-1947
Buckell, Can Ent 79:39, 1947.
- OBITUARIES - WATSON, JOSEPH R.,
1874-1946
Mowry, Fla R f. 1945/46.60.
Tissot, Ent. Soc Amer Ann 39 345-
346, 1946.
Tissot, Fla Ent. 28.57-59, 1946.
Fla St. Hort. Soc. P. 59.157, 1946
- OBITUARIES - WHITNEY, LEHR ARTI-
MAN, 1890-1945
Fullaway & Williams, Hawaiian Ent.
Soc. Proc. 12:492a-492b, 1946.
- OBITUARIES - WILLIAMS, ROSWELL
CARTER, JR., 1869-1946
Bell, Ent News 57 166-171, 1946
- OBITUARIES - WINTERS, FREDERICK
EDWARD, 1885-1946
Chamberlain, Bklyn Ent Soc B 42
72-74, 1946
- OBITUARIES - WOLFE, LELAND,
1897-1946
Middleton, J Ec Ent 39 522, 1946
- *OBLIQUE-BANDED LEAF ROLLER,
see ARCHIPS ROSACEANA (Harr.)
- OBRIUM MACULATUM (Oliv.), O RU-
RIDUM Lec., O RUFULUM Gahan
Knull, Ohio Biol. Surv B 39 201-202,
1946
- *OBSCURE SCALE, see CHRYSOM-
PHALUS OBSCURUS (Comst.)
- OCCEMYIA Rob-Desv - NORTH
AMERICA
Camras, Ent Soc Amer Ann 38
216-222, 1945
- OCHROGASTER CONTRARIA (Wlkr.)
Berkowitz, U S Army Med B 4
465-467, 1945
- OCHROSIDIA Casey see CYCLOCEPHA-
LA Latr
- OCHTHEPHILUM FRACTICORNE
(Payk.) - MASSACHUSETTS
Champlain, Bklyn Ent Soc B 42 18,
1947
- OCHTHERA BREVITIBIALIS Meij -
PREY
Travis, Ent Soc Wash P 49 21,
1947
- OCHTHERA CANESCENS Cress., see
OCHTHERA PILIMANA Becker
- OCHTHERA PILIMANA Becker - PREY
Travis, Ent Soc Wash P 49 20-21,
1947
- OCTOTEMNUS LAEVIS Casey
Frost, Psyche 54 180, 1947
- OCYPTAMUS DIMIDIATA (F.), see BAC-
CHA DIMIDIATA (F.)
- OCYPTAMUS SCUTELLATUS Loew, see
BACCHA SCUTELLATA (Loew)
- OCYPUS ATER (Grav.) - CALIFORNIA
Van Dyke, Pan-Pac Ent 21 140, 1945
- ODONASPIS PENICILLATA Green
Myers, USDA EPQ Ins Pest Surv Sp
Sup (1947, No 2) 5
- ODONASPIS SACCHARICAULIS (Zehnt.)
Scaramuzza, in Cuba Min Agr Estac
Expt Caña de Azúcar (Havana),
Caña de Azúcar en Cuba 547, 1946
- ODONASPIS SECRETA (Ckll.)
Myers, USDA EPQ Ins Pest Surv Sp
Sup (1947, No 2) 5
- ODONATA
Chace, Frontiers 10:112-113, 1946.
Dembling, Sci. Illus. 2(10):56-68,
1947
Malkin, Can Nature 8.100-101, 1946
Murrill, Guide to Fla Anim 89-91,
1945.
Scott, Ind. Acad Sci. P. 55 196-205,
1946.
- ODONATA - CLASSROOM MATERIAL
Strickland, Ent. Soc. Amer Ann. 39:
28-32, 1946

- ODONATA - COLLECTION & PRESERVATION - NYMPHS
Needham, Ent. News 56:141-143, 1945.
- ODONATA - COLLECTIONS
Ent. News 57:158, 1946.
- ODONATA - COLLECTIONS - AMERICAN MUSEUM OF NATURAL HISTORY
b) Klots, Amer. Mus. Nov 1341, 13 p., 1947.
- ODONATA - COLLECTIONS - CALIFORNIA ACADEMY OF SCIENCES
Calvert, Cal Acad. Sci P ser 4, 23:603-609, 1947
- ODONATA - ECONOMIC IMPORTANCE
b) Wright, Tenn Acad. Sci J. 21 60-71, 1946
- ODONATA - ECOLOGY
Beatty, Bklyn Ent Soc B 40:184-187, 1946
Calvert, Ent Ness 56 113-117, 1945
- ODONATA - FLORIDA
Needham, Bklyn Ent Soc B 40 104-110, 1945
Needham, Fla Ent. 28 42-47, 1946
- ODONATA - INSECTICIDES
Roark, USDA EPQ E-656-3, 1945
- ODONATA - NEVADA
b) La Rivers, Ent News 57:209-217, 1946
- ODONATA - NEW JERSEY
Beatty, Bklyn. Ent. Soc. B. 40:178-187, 1946.
Beatty, Ent. News 57:1-10, 50-56, 76-81, 104-111, 1946.
- ODONATA - NORTH AMERICA - SUB-ARCTIC
Walker, Can. Ent 79 62-67, 1947
- ODONATA - PENNSYLVANIA
Beatty, Ent News 57:1-10, 50-56, 76-81, 104-111, 1946.
Gillespie, Ent News 56:59-64, 1945
- ODONATA - PREDATORS
McConnell, Tenn Acad Sci J 22 89-90, 1947.
i) Wright, Sci News Let 50:12, 1946
- ODONATA - PREY
Anderson, Great Basin Nat 7:29, 1946.
Brues, Psyche 53:50-51, 1946.
Bromley, N. Y. Ent Soc J 53:150-152, 1945
Wright, Fla. Ent. 28:11-13, 31-32, 1945.
Wright, Sci. News Let 50 12, 1946.
- ODONATA - TENNESSEE
Wright, Tenn. Acad. Sci. J. 268-280, 1946.
b) Wright & Shoup, Tenn. Acad. Sci. J. 20:266-278, 1945.
- ODONTOCORYNUS SCUTELLUM-ALBUM (Say) - GENITALIA - MALE
i) Bruhn, Great Basin Nat. 8:15, 1947.
- ODONTOSPINDUS DENTICOLLIS (Lec.)
Frost, Psyche 54:180, 1947.
- *ODOROUS HOUSE ANT, see TAPINOMA SESSILE (Say)
- ODYNERUS DORSALIS (F.)
Rau, Bklyn. Ent Soc. B. 40:29-30, 1945.
- ODYNERUS NIGRIPENNIS (Full.)
Pemberton, Hawaiian Planters' Rec. 50:131-132, 134, 1946.
- ODYNERUS TIGRIS (Sauss.), see AN-CISTROCERUS TIGRIS Sauss
- OECANTHUS NIGRICORNIS Wlkr
Allen, S. C R. 58:13, 1946.
i) Mills & Dewey, N Y (C) Ext B 306 rev. 16-17, 1946.
i) Slate et al. N Y (G) C 153 rev 58-59, 1945.
- OECANTHUS NIGRICORNIS ARGENTINUS Sauss - SONIFICATION
Williams, Ent. News 56:1-4, 1945
- OECANTHUS NIGRICORNIS NIGRICORNIS Wlkr (BLACK-HORNED TREE CRICKET)*
i) Thompson, Ont Dept Agr B 355 rev. 28, 1947
- OECANTHUS NIGRICORNIS QUADRIPUNCTATUS Beut (FOUR-SPOTTED TREE CRICKET)*
Hoffmann, J Ec Ent. 38:358, 1945
i) Slate et al. N Y (C) Ext B 719 60-62, 1947
- OECANTHUS NIVEUS (Deg) (SNOWY TREE CRICKET)*
i) Butterfield, Cal Ext C 80 rev 44-45, 47, 1947
Knowlton, Bklyn. Ent Soc B 42 142, 1947
- OECIACUS VICARIUS Horv (SWALLOW BUG)*
Doner, Pests 13(7) 5-7, 1945
- OECLEUS FULVIDORSUM Ball
Fautin, Ecol Monog 16 264, 1946
- OECLEIDIUS NANUS Van D
Fautin, Ecol Monog 16 267, 1946
- OECOPHORIDAE
n) Clarke, Wash Acad Sci J 37 2-18, 1947
- OECOPHYLLA LONGINODA (Latr.)
i) Weber, Ent Soc Amer. Ann 39 7-10, 1946
- OECOPHYLLA SMARAGDINA (F) - NESTS
Enzmann, Ent Soc. Wash P 49 249, 1947
- OEDALEONOTUS ENIGMA (Scudd) (VALLEY GRASSHOPPER)
i) Lange, Spreckels Sugar Beet Bul 11 1, 3, 1947
Ryab, Los Angeles Co. Cal. Agr Comnr R. f 1945/46:18
- Shockley, USDA EPQ Ins Pest Surv Sum of Ins Conditions in 1944 2, 1945.
- Wakeland, USDA EPQ Ins Pest Surv. Sum. of Ins. Conditions in 1945:3, 1946
Wallace et al., Cal. Dept. Agr. B. 33: 239, 1945; 35 194, 1947.
Wilson, Cal. Dept. Agr. B. 36:101-102, 1947.
- OEME GRACILIS Lec
Mansfield, Pan-Pac. Ent. 23:43, 1947.
- OEME RIGIDA (Say)
i) Knull, Ohio Biol. Surv. B. 39:188, 1946.
- OESTRIDAE - INSECTICIDES
b) Roark, USDA EPQ E-652:50-70, 1945.
- OESTRIDAE - LOSSES CAUSED BY
Davis, Ind. Ext. B. 105 rev.:2, 1945.

OESTRIDAE & MYIASIS

bik James, USDA Misc Pub 631 112-118, 1947

OESTRUS OVIS L (SHEEP BOT FLY)*
("GRUB IN THE HEAD")

Baker, Mangt & Feeding of Sheep 231-232, 1947

Conn, Sheep Health ed 2 107, 1945

Dean et al, Kans Ent Soc J 18 92, 1945

i Hall et al, USDA FB 1330 rev 13-15, 1946

i Horlacher & Hammonds, Sheep 244-245, 1945

Kammlade, Ill Ext C 534 rev 34-35, 1946

McDonald, N Dak Ext C 190 33, 1947

MacEwan & Ewen, Sci & Pract Can Anim Husb rev 331, 1945

Smith et al, Kans Ent Soc J 20 49, 1947

i Snell, N Mex Stockm 10(4) 20-22, 1945

OESTRUS OVIS - INSECTICIDES - DDT

Telford & Guthrie, Agr. Chem 1(3) 31, 54, 1946

OESTRUS OVIS & MYIASIS

i James, USDA Misc Pub 631 114-116, 1947

OIDAEMATOPHORUS sp

Hoffmann, J Ec Ent 38:357-358, 1945

OIKETICUS KIRBYI Guild

Martorell, P R Univ J Agr 29 544-545, 1945

OKRA CATERPILLAR, see ANOMIS

EROSA Hbn

*OLD HOUSE BORER, see HYLOTRUPES

BAJULUS (L.)

OLD WORLD POWDERPOST BEETLE,

see LYCTUS BRUNNEUS (Steph.)

OLD WORLD SCREW WORM, see

CHRYSOMYA BEZZIANA Villen

OLEANDER APHID, see APHIS NERII

Fonsc

*OLEANDER SCALE, see ASPIDIOTUS

HEDERAE (Vallot)

OLENE sp near PLAGIATA Wlkr.

Mills et al, Mont. B 425-23, 1945

OLETHREUTES HEBESANA (Wlkr.), see

ENDOTHENIA HEBESANA (Wlkr.)

OLFERSIA AENESCENS Thoms

Pemberton, Hawaiian Ent Soc P 13 18, 1947

OLIARUS Stål

n Caldwell, Pan-Pac Ent 23:145-151, 1947

OLIARUS sp.

Fautin, Ecol. Monog. 16:269, 1946.

OLIGODRANES Loew - AMERICA

nik Melander, Ent. Soc. Amer. Ann 39:451-454, 463-495, 1946.

OLIGOTA OVIFORMIS (Casey) - IN-

SECTICIDES

DeBach, J. Ec. Ent. 40:598, 1947.

OLIVE BARK BEETLE, see LEPERI-

SINUS CALIFORNICUS Swaine

*OLIVE FRUIT FLY, see DACUS

OLEAE (Gmel.)

OLIVE-GREEN CUTWORM, see DAR-

GIDA PROCINCTA (Grote)

OLIVE INSECTS

i Condit, Cal Ext C 135 31-34, 1947
Lockwood, Cal Dept Agr B 35 202, 1947

Stenweden, Cal. Dept Agr B 34 183, 1946

OLIVE LEAF MITE, see OXYPLEU-

RITES MAXWELLI Keif

OLIVE POLLINIA SCALE, see POL-

LINIA POLLINI Costa

*OLIVE SCALE, see PARLATORIA

OLEAE (Colvée)

OLLA ABDOMINALIS (Say)

Michelbacher & Swanson, J Ec Ent 38 128, 1945

OLLARIANUS INSANUS (Ball)

Fautin, Ecol Monog 16 264, 1946

OLPIINAE

buk Hoff. Amer Mus Nov 1291, 30 p, 1945

OMIODES ACCEPTA (Butl.) (SUGAR-

CANE LEAF ROLLER)*
Pemberton, Hawaiian Sugar Planters' Assoc P 66, Expt Sta R f 1945:46 22, 1947

OMMATOPTERYX TEXANA (Rob.)

Bohart, Hilgardia 17 300, 1947

*OMNIVOROUS LEAF TIER, see

CNEPHASIA LONGANA (Haw.)

OMNIVOROUS LOOPER, see SABULO-

DES CABERANA Guen

OMORGUS MUTABILIS Holmg, see

CAMPOPLEX MUTABILIS (Holmg.)

OMOTOMA FUMIFERANAE (Toth), see

WINTHEMIA FUMIFERANAE Toth

OMPHISA ANASTOMOSALIS (Guen.)

(SWEETPOTATO VINE BORER)*

Swezey, Hawaiian Ent Soc P 12 474, 477-478, 1946

OMPHRALE FENESTRALE (L.)

Cotton, Pest Control & Sanit 2(12) 22, 1947

OMPHRALE LUCIDUS (Becker)

Wirth, Hawaiian Ent Soc P 13 26, 1947.

ONCHOCERCIASIS, see under genus

SIMULIUM; and SIMULIIDAE &

ONCHOCERCIASIS

ONCIDERES CINGULATA (Say) (TWIG

GIRDLER)* (HICKORY TWIG

GIRDLER)

i Bissell & Firor, Ga. Ext B 501

rev. 23-24, 1947

i Knoll, Ohio Biol. Surv B 39:265-

266, 1946

Lounsbury, Iowa St Hort Soc Trans

81-263, 1946

i Musser et al, S C Ext C 300:29-

31, 1947.

i Phillips & Cole, Fla B. 411 rev. 23-

24, 1947.

ONCOMETOPIA LATERALIS (F.)

Hoffmann, J Ec. Ent 38 358, 1945

Leech, B. C. Ent Soc P. 42:8, 1945.

ONCOPELTUS FASCIATUS (Dall.)

(LARGE MILKWEED BUG)* -

INSECTICIDES

b Allen & Brunn, J Ec Ent 38:291-

293, 1945.

b Allen et al., J. Ec. Ent. 38:293-296,

1945

- ONCOPELTUS FASCIATUS - INSECTICIDES--Continued.
Annand, USDA EPQ R. f 1945/46.12
Bottger & Bowen, USDA EPQ E-710, 5 p., 1946
Bottger & Levin, USDA EPQ E-729, 23 p., E-738-1,6-7,10, 1947
Dustan et al., Sci Agr 26.118-120, 1946
Dustan et al., Can Ent 79 45,47, 1947
- ONCOPELTUS FASCIATUS - INSECTICIDES - DDT
Dustan & Putman, Can Ent 79 216-217, 1947.
Pearsall & Wallace, Soap & Sanit Chem. 22(10):163, 1946
- ONION INSECTS
Curry, N Mex R 56 46-48, 1946?
Parks & King, Ohio Ext B 76 rev. 29, 1947
Schweis, Nev. St. Dept Agr Bien R f 1944/46:24-25
- ONION LYGUS BUG. see PSALLUS ANCORIFER (Fieb.)
- *ONION MAGGOT, see HYLEMYA ANTIQUA (Meig.)
- *ONION PLANT BUG. see LABOPIDEA ALLII Kngt
- *ONION THRIPS. see THRIPS TABACI Lind
- ONISCUS ASELLUS (L) - RESPIRATION
Edwards, J Cell & Compar Physiol 27 55-64, 1946
- ONOCEPHALINI
nik Dillon & Dillon, Amer Ent Soc Trans. 72 27-48, 1946.
- ONTHOPHAGUS HECATE Panz., O. PENNSYLVANICUS Harold
Cooper, Ky R 58 49, 1946
- ONYCHOPHORA - PANAMA & CANAL ZONE
bk Clark & Zetek, USNM P 96 205-213, 1946
- OOCTONUS APHROPHORAE Milliron
n Milliron, Ent. Soc Amer. Ann 40: 217-220, 1947.
- OOENCYRTUS CALIFORNICUS Gir - EGGS & LARVAE
i Maple, Cal Univ Pub. Ent 8:105, 1947
- OOENCYRTUS JOHNSONI (How)
Clancy, J Ec Ent. 39:327, 1946
- OOENCYRTUS JOHNSONI - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8:105-107, 1947
- OOENCYRTUS KUVANAE (How.)
Friend, Conn Acad. Arts & Sci Trans 36:620-621, 1945.
- OOENCYRTUS KUVANAE - EGGS & LARVAE
Maple, Cal. Univ. Pub. Ent 8:107-109, 1947
- OPHIOLA CALVATA (Ball), see SCLERORACUS CALVATA (Ball)
- OPHIOLA STRIATULA (Fall.) (in North American records), see SCLERORACUS VACCINII (Van D.)
- OPHIOLA VACCINII (Van D.), see SCLERORACUS VACCINII (Van D.)
- OPHIOMYIA LANTANAE (Frog), see AGROMYZA LANTANAE Frog
- OPHIONINAE
Townes, Amer Ent. Soc. M 11, Pt 2. 588-748, 1945.
- OPHIONINI
nik Cushman, USNM P. 96 417-482, 1947.
- OPHIONYSSUS SERPENTUM (Hirst)
Roark, USDA EPQ E-655 2, 1945.
- OPHRYASTINI - AMERICA, NORTH OF MEXICO
bnik Davis, USNM P. 96:483-551, 1947
- OPHYRA sp - SPRAYS - DDT
Yust, J. Ec Ent 40:765, 1947.
- OPHYRA CHALCOGASTER (Wied) - Tanada et al., Hawaii R f 1944/46 71,73, 1947
- OPHYRA LEUCOSTOMA (Wied)
Shaw & Bourne, J Ec Ent 39 543, 1946
- OPHYRA LEUCOSTOMA & POLIOMYELITIS
b Power & Melnick, Yale J. Biol & Med 18(1) 63,66,68-69, 1945
- OPISOCROSTIS Jord - HOSTS
b Jellison, Amer Micros Soc Trans 66:64-69, 1947
- OPISODASYS HOLLANDI Traub
bni Traub, Wash Acad Sci J 37:134-139, 1947
- OPIUS sp.
Hoffmann, J. Ec. Ent 38 356, 1945
Kelsheimer, Fla. R f 1946/47 127
Leech, B C Ent. Soc P. 43:22, 1947
- OPIUS DIMIDIATUS (Ashm)
Kelsheimer, Fla R f 1946/47 127.
- OPLOSIA NUBILA (Lec.)
i Knoll, Ohio Biol. Surv B 39:262-263, 1946.
- OPOSSUMS - INSECT FOOD, see INSECTS AS FOOD OF OPOSSUMS
- OPOSSUMS - PESTS
b Irons et al., Tex Acad. Sci P & Trans 29 113-115, 1946
- OPSEREYNETES ROBUSTUS Baker
ni Baker, Wash Acad Sci J 35:18-19, 1945.
- OPSEREYNETES SIMPLEXUS Baker
ni Baker, Wash Acad. Sci J. 35:16-18, 1945.
- OPSEREYNETES TUBERCULATUS Baker
ni Baker, Wash. Acad. Sci. J. 35:18, 1945.
- OPSIUS STACTOGALUS Fieb. - ATTACKING MAN
Knowlton, Bklyn. Ent. Soc. B. 42:169, 1947.
- *ORANGE-DOG, see PAPILIO CRESSPHONTES Cram.
- ORANGE INSECTS
i Boyce & Ortega, Cal. Citrog. 32: 318-319, 1947.
Cal. Ext. Orange Prod. Cost Study San Bernardino Co. 1945:6.13.
- *ORANGE-STRIPED OAKWORM, see ANISOTA SENATORIA (Abbott & Smith)
- *ORANGE TORTRIX, see ARGYROTAENIA CITRANA (Fern.)

ORANGE WORMS, *see* ARGYROTAENIA CITRANA (Fern) & HOLOCOCERA ICERYAEELLA Riley
 ORCHARD INSECTS, *see* FRUIT INSECTS
 ORCHARD MEALY BUG, *see* PHENA - COCCUS ACERIS (Sign)
 ORCHARD MITES
 Baker & Porter, USDA EPQ E-637 6, 1945
 Childs et al , Oreg Ext B 663 3, 1946
 Newcomer, Wash St Hort Assoc P 43 19-23, 1947
 ORCHARD SANITATION
 Burkholder, Ohio St Hort Soc P 78 85-91, 1945
 Farrar, Ill St Hort Soc Trans 78 73-75, 1945
 Marshall, East Fruit Grow 8(5) 12, 17, 1945
 Powell et al , Ill Ext C 610 3-5, 1947
 Sherwood, W Va Ext C 320 rev 22-23, 1946
 Steiner, J Ec Ent 38 117-119, 1945
 Va Ext B 131 rev 12, 1947
 ORCHARD SANITATION - PEACH DROPS
 1 Snapp & Jones, USDA EPQ E-638, 2 p., 1945
 ORCHARD TENT CATERPILLAR, *see* MALACOSOMA AMERICANUM (F)
 ORCHFLIMUM VULGARE Harr - RASPBERRIES
 b Miner, Kans Ent Soc J 20 86-87, 1947
 ORCHELIMUM VULGARE - SONIFICATION - ULTRASONIC
 Pielemeyer, Acoust Soc Amer J 17 337-338, 1946
 Pielemeyer, Sci Month 62 452, 1946
 ORCHESTES ILL., *see* RHYNCHAENUS Clairv & Schellenb
 ORCHID INSECTS
 1 Burum, Hawaii Farm & Home 8(11) 10-11, 1945
 Holdaway, Hawaiian Ent Soc P 12 483, 1946
 Noble, Home Gard So 7 178-179, 1947
 Steinweden, Orchid Digest 9 264-267, 1945
 Steinweden, Cal Dept Agr B 35 207, 1947
 b1 Swezey, Hawaiian Ent Soc P 12 343-403, 1945
 ORCHID INSECTS - FUMIGANTS
 1 Bulger, USDA EPQ 690, 28 p., 1946
 ORCHID INSECTS - SPRAYS - DDT
 Cory, J Ec Ent 38 395, 1945
 Cory, Amer Orchid Soc B 16 146-147, 1947
 ORCHID WEEVIL, *see* DIORYMERELLUS LAEVIMARGO Champ.
 *ORCHIDFLY, *see* EURYTOMA ORCHIDEARUM (Westw)
 ORCHIDOPHILUS ATERRIMUS (Waterh)
 1 Burum, Hawaii Farm & Home 8(11) 10-11, 1945
 1 Swezey, Hawaiian Ent Soc P. 12: 346, 1945.

ORCHIDOPHILUS GILVONOTATUS (Barber)
 1 Burum, Hawaii Farm & Home 8(11) 10-11, 1945
 1 Swezey, Hawaiian Ent Soc P. 12 348, 1945
 ORCHIDOPHILUS ORCHIVORA (Blackb)
 Swezey, Hawaiian Ent Soc P 12 350, 1945
 ORCHIDOPHILUS PEREGRINATOR Buch
 1 Burum, Hawaii Farm & Home 8(11) 10-11, 1945.
 Holdaway, Hawaiian Ent Soc P 12 482-483, 1946
 Holdaway et al , Hawaii R f 1942/44 63, 1945, f 1944/46 76-77, 1947
 Storey et al . Hawaii R f 1944/46 85, 1947
 1 Swezey, Hawaiian Ent Soc P 12 346-348, 1945
 ORCHOPEAS HOWARDII (Baker)
 Cole, U S Pub Health Rpts 61 1472, 1946
 MacCreary, J Ec Ent 38 127, 1945
 ORCHOPEAS LEUCOPUS (Baker)
 MacCreary, J Ec Ent 38 127, 1945
 ORCHOPEAS WICKHAMI (Baker), *see* ORCHOPEAS HOWARDII (Baker)
 *OREGON FIR SAWYER, *see* MONOCHAMUS OREGONENSIS (Lec)
 OREGON PINE ENGRAVER BEETLE, *see* IPS OREGONIS (Eichh)
 ORGERIUS MINOR Ball
 Fautin, Ecol Monog 16 264, 1946
 ORGILUS sp
 1 Bohart, Hilgardia 17 291, 1947
 ORGILUS OBSCURATOR (Nees)
 Graham, in Ont Dept Agr Div Ent Parasite Invest Unit, Control For Ins Prov Ont by Introd Ins Parasites 68-69, 71, 73-74, 1947
 ORIBATIDAE AS VECTORS OF MONIEZIA EXPANSA
 Kates & Runkel, J Parasit 33 (6) sect 2) 15, 1947 (Abs)
 *ORIENTAL BEETLE, *see* ANOMALA ORIENTALIS Waterh
 ORIENTAL BLOWFLY, *see* CHRYSOMYA MEGACEPHALA (F)
 *ORIENTAL COCKROACH, *see* BLATTA ORIENTALIS L
 *ORIENTAL FRUIT FLY, *see* DACUS DORSALIS Hendel
 *ORIENTAL FRUIT MOTH, *see* GRAPHOLITHA MOLESTA (Busck)
 *ORIENTAL HOUSE FLY, *see* MUSCA VICINA Macq.
 *ORIENTAL MOTH, *see* CNIDOCAMPA FLAVESCENS (Wlkr)
 *ORIENTAL RAT FLEA, *see* XENOPSYLLA CHEOPIS (Rothsch)
 ORIUS INSIDIOSUS (Say) (INSIDIOUS FLOWER BUG)
 Annand, USDA EPQ R f 1943/44 10, 18,
 Baker et al , Wash B. 497-31, 61, 1947.
 Connell & Beacher, Del B 265-25-27, 1947
 Hill, Neb Res B 138 3, 7, 9, 12-13, 1945

- ORIS INSIDIOSUS--Continued.
Knowlton, Bklyn. Ent. Soc. B. 42 79, 1947
Underhill & Bodenstein, Va. TB 97-12-13, 1946.
- ORIS TRISTICOLOR (White)
Hill, Neb. Res. B. 138 3,7,9,12-13, 1945.
Knowlton, Bklyn. Ent. Soc. B. 42 62, 79, 1947
- ORMENIS sp.
Hoffmann, J. Ec. Ent. 38:358, 1945
- ORMENIS MARGINATA (Brunnich), see PETRUSA MARGINATA (Brunnich)
- ORMENIS PRUINOSA (Say)
Wressell, Can. Ins. Pest Rev. 24 57, 1946.
- ORMENIS PYGMAEA (F.), see PETRUSA MARGINATA (Brunnich)
- ORMENIS QUADRIPUNCTATA (F.)
Martorell, P. R. Univ. J. Agr. 29:374, 1945.
- ORNAMENTAL PLANTS - INSECTS
Baerg & Lincoln, Ark. Ext. C 448, 15 p., 1947.
Daggy, Minn. Hort. 74:68-69, 1946.
Farnham & Ingham, Grounds for Living:70-72,126-127,194-195,208, 216, 1946.
Hull, Ind. Ext. B 324 13, 1946
Knutson, R. I. Dept. Agr. & Conserv. R. 12:55, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46,20.
Lyle, Miss. Farm Res. 8(6):1-2,8, 1945
Lyle, Miss. Inform. Sheet 344,2 p., 1945.
Manson et al., Can. Ins. Pest Rev. 25:102-110, 1947
Myers et al., N. Y. (C) R. 58 56-57, 1946; 59:48, 1947
Sherwood & Bishop, W. Va. Ext. C. 325 rev.:42-45, 1945
Steinweden, Cal. Dept. Agr. B 34. 184-185, 1946.
Taggart, La. Ins. Pest Control Serv. Leaf 31 rev., 6 p., 1945.
Wildon et al., Mich. Ext. 269,28 p., 270,36 p., 1945
i U. S. War Dept. TM 5-632 (PB-2435).112-120, 1945
- ORNAMENTAL PLANTS - INSECTS - INSECTICIDES
Bromley, J. Ec. Ent. 40:237-239, 1947.
- ORNAMENTAL PLANTS - INSECTS - INSECTICIDES - DDT
Daggy et al., Minn. Ext. B 252:14-15, 1946.
Howard et al., USDA Misc. Pub. 526 rev.:21-22, 1945
Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 37:2, 1946, 64:3, 1947.
Ross, Can. Grow. 70(4):18-19, 1947.
Whitcomb et al., Mass. Ext. Sp. C. 135 rev.:4, 1947.
- ORNATE APHID, see MYZUS ORNATUS
Laing
- ORNITHODOROS Koch & RELAPSING FEVER
Curran, Nat. Hist. 54 284, 1945
- ORNITHODOROS FURCOSUS Neum & SPOTTED FEVER
b Mazzoti & Varela, Rev. Inst. Salub. y Enferm. Trop. Mex. 7 13-15, 1946
- ORNITHODOROS HERMSI Whlr., Herms & Meyer & RELAPSING FEVER
Fisher & Edelman, U. S. Army Med. Dept. Bul. 7-902, 1947.
Parsons, Amer. J. Clin. Path. 17: 388-389,392, 1947.
Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46:23.
- ORNITHODORUS KELLEYI Cooley & Kohls
Tauber & Bennrock, Iowa R. f. 1944/45 Pt. 1:255
- ORNITHODOROS MEGNINI Dugès, see OTOBIOUS MEGNINI (Dugès)
- ORNITHODOROS MOUBATA (Murr.) LARVAE
b Davis, J. Parasit. 33 495-496, 1947
- ORNITHODOROS PARKERI Cooley - TOXIC EFFECT OF MAN
Brennan, J. Parasit. 33 493-494, 1947.
- ORNITHODOROS PARKERI & RELAPSING FEVER
Fisher & Edelman, U. S. Army Med. Dept. Bul. 7-902, 1947
Parsons, Amer. J. Clin. Path. 17 388-389,392, 1947.
- ORNITHODOROS PUERTORICENSIS I Fox
bni Fox, J. Parasit. 33 253-259, 1947
- ORNITHODOROS TALAJF (Guér.) & RELAPSING FEVER
Calero, Amer. J. Trop. Med. 26 761, 767, 1946
- ORNITHODOROS TURICATA (Dugès) (RELAPSING-FEVER TICK)*
Dove, USDA EPO E-673:11, 1945
Grundemann, Kans. Ent. Soc. J. 20 81, 1947.
Randolph, J. Ec. Ent. 39 396, 1946
- ORNITHODOROS TURICATA & ENCEPHALITIS GROUP
Hammon & Reeves, Amer. J. Hyg. 46 329, 1947
- ORNITHODOROS TURICATA & RELAPSING FEVER
b Fischer, Amer. J. Trop. Med. 26 485,488, 1946
Taft & Pike, Amer. Med. Assoc. J. 129:1004, 1945
b Wisseman, Amer. J. Trop. Med. 25:339-342, 1945.
- ORNITHODOROS VENEZUELENSIS Brumpt & RELAPSING FEVER
Calero, Amer. J. Trop. Med. 26:761, 767, 1946
- ORNITHOICA CONFLUENTA (of recent Amer. auth., not (Say)), see ORNITHOICA VICINA (Wlkr.)
- ORNITHOICA VICINA (Wlkr.)
i Herman, Cal. Fish & Game 31(1): 23, 1945

- ORNITHOMYIA ANCHINEURIA *Speiser*,
see ORNITHOMYIA FRINGILLINA
Curt.
- ORNITHOMYIA FRINGILLINA Curt
i Herman, Cal. Fish & Game 31(1) 22-
23, 1945
- ORNIX GEMINATELLA (Pack), see
CALLISTO GEMINATELLA (Pack)
- OROPERIPATUS CORRADOI
(Camerano) - PATURATION
Morrison, Psyche 53:3, 1946
- ORPHULELLA SPECIOSA (Scudd)
Hammond, Can. Ins. Pest Rev 25 8,
1947.
- OROPSYLLA Wagn. & Ioff. - NORTH
AMERICA
bi Jellison, J. Parasit 31 83-97, 1945
- OROPSYLLA ARCTOMYS (Baker)
MacCreary, J. Ec. Ent 38 127 1945
- ORSIL.LACIS PRODUCTA Barber
Keifer, Cal. Dept. Agr. B. 33 249,
1945.
- ORTHAEA Dallas, see PACHYBRACHIUS
Hahn
- ORTHAEA LONGULUS (Dall), see
PAROMIUS LONGULUS (Dall)
- ORTHEZIA sp
Fautin, Ecol Monog. 16 269, 1946
- ORTHEZIA INSIGNIS Browne (GREEN-
HOUSE ORTHEZIA)*
Martorell F. R. Univ. J. Agr. 29 385
1945.
- ORTHEZIA INSIGNIS & VIRUS DISEASE
OF PLANTS
Jensen, Hawaiian Ent Soc P 12 552,
557, 1946
- ORTHIA THERAPON (Koll), see CAST-
NIA THERAPON Koll
- ORTHOCENTRINAE
Townes, Amer Ent Soc M 11, Pt 2:
545-553, 1945
- ORTHOCENTRUS sp
Baker & Doucette, Wash B 470-149,
1945
- ORTHOMORPHA GRACILIS Koch
Eddy, R. I. Dept. Agr. & Conserv R
10-59, 1945
- ORTHOPELUS Steph. - HORSE BLANKET
Kingscote & Hill, Can. Compar. Med.
10 168, 1946
- ORTHOPODOMYIA sp. & FILARIASIS
Newton & Pratt, Amer. J Trop. Med
26:700-701, 1946
- ORTHOPODOMYIA ALBA Baker
b Breland, Ent Soc Wash. P. 49:185-
187, 1947.
Brooks, Ind. Acad. Sci. P. 56:155-156,
1947?
Harden, Mosq. News 5:131, 1945
Kitzmiller, J. Ec. Ent. 38:409, 1945
Michener, Amer. Mid. Nat. 37:361,
1947.
Peterson & Smith, J Ec Ent 38:381.
1945.
Ross, Ill. Nat Hist. Surv. B. 24:37,
1947
Wirth, J. Ec. Ent. 40:744, 1947.
- ORTHOPODOMYIA ALBA - BREEDING
PLACES - TREE HOLES
Jenkins & Carpenter, Ecol Monog. 16:
41-43, 1946.
- ORTHOPODOMYIA ALBA - LARVAE
b Breland, Bklyn Ent Soc B 42 81-
86, 1947
- ORTHOPODOMYIA ALBA - SOUTH
CAROLINA
Weathersbee & Arnold, Tenn Acad
Sci J 22 225, 1947
- ORTHOPODOMYIA SIGNIFERA (Coq)
Breland, Mosq. News 7:77, 1947
Brooks, Ind Acad Sci P 56 155-
156, 1947?
Michener, Amer Mid Nat 37 361-
362, 1947
Peterson & Smith, J Ec Ent 38 381,
1945
i Ross, Ill Nat Hist Surv B 24 18,
20,22-23,36-37, 1947
Shlaifer & Harding, Tenn Acad Sci J
21 254, 1946
Wilson et al , Mosq. News 6 84, 1946
- ORTHOPODOMYIA SIGNIFERA -
BREEDING PLACES - TREE
HOLES
Jenkins & Carpenter, Ecol Monog
16 40-41, 1946
- ORTHOPODOMYIA SIGNIFERA -
PREDATORS
Basham et al , Mosq News 7 64-65,
1947
- ORTHOPODOMYIA SIGNIFERA - SOUTH
CAROLINA
b Weathersbee & Arnold, Tenn Acad
Sci J 22 225, 1947
- ORTHOPTERA
Murrill, Guide to Fla Anim 82-86,
1945
- ORTHOPTERA - APPALACHIAN
MOUNTAINS
Hebard, Amer Ent Soc Trans 71
77-97, 1945.
- ORTHOPTERA - ARIZONA
bnk Tinkham, Amer Mid Nat 38
127-149, 1947
Wehrle, Ariz Mimeo R 81,8 p, 1946
- ORTHOPTERA - CAVES
i Chopard, Ciencia 8 67-80, 1947
- ORTHOPTERA - ENGLISH LITERA-
TURE
b Twinn, Pests 14(5) 26,28,30,32,
1946
- ORTHOPTERA - GLANDS
b Gurney, Wash Acad Sci J 37 434-
435, 1947
- ORTHOPTERA - INSECTICIDES
McIndoo, USDA EPQ E-713 118-119,
1947
Roark, USDA EPQ E-656 2, 1945
- ORTHOPTERA - INSECTICIDES - DDT
Roark & McIndoo, USDA EPQ 687-28,
1946, E-728-34-38, 1947
- ORTHOPTERA - MEXICO
bnl Strohecker, Ent Soc. Amer Ann
38:207-215
- ORTHOPTERA - PARTHENOGENESIS
bi Swann & Mickey, La. Acad Sci P
10:73-92, 1947.
- ORTHOPTERA - SEROLOGICAL RE-
LATIONSHIPS
bi Leone, Biol. Bul. 93:64-71, 1947
b Leone, Ent. Soc Amer Ann 40-
417-433, 1947

- ORTHOPTERA - STRATIFICATION IN FORESTS
Dowdy, Ecology 28:427-436, 1947
- ORTHOPTERA - THERAPEUTIC USE
b Weiss, N. Y. Ent. Soc. J. 55:156-157, 1947
- ORTHOSIA sp. - INSECTICIDES - DDT
Borden, Cal. C. 365:75-76, 1946
- ORTHOSOMA BRUNNEUM (Forst.)
1 Knull, Ohio Biol. Surv. B. 39:145, 1946
- ORTHOTOMICUS CAELATUS (Eichh.)
1 Beal & Massey, Duke Univ. School For. B. 10:146-147, 1945
- ORTHOTYLUS COAGULATUS (Uhl.), see
MELANOTRICHUS COAGULATUS (Uhl.)
- ORYZAEPHILUS sp.
Stuckey, Ga. R. 58:82, 1946
- ORYZAEPHILUS SURINAMENSIS (L.)
(SAW-TOOTHED GRAIN BEETLE)*
Balzer & Cotton, USDA FB 1906 rev. 4, 1947
Condit, Fig. 187, 1947
1 Cotton, Pest Control & Sanit. 2(12) 12-13, 23, 1947
Cotton & Frankenfeld, USDA EPQ E-677:2, 1945
1 Cotton et al., USDA C. 720:4, 18, 1945
Donohoe, Pests 14(10):14, 1946
Farrar, Soybean Digest 6(2):13, 1945
1 Holmes, Baker's Digest 20(4):31, 40, 1946
1 Holmes, Bakers' Helper 86(1070):48, (1072) 78, 80, 1946
1 Linsley & Michelbacher, Pest Control & Sanit. 1(10):8-9, 1946
Michelbacher, Assoc. Oper. Mill. B., Feb. 1947:1579-1580
Michelbacher, Pests 15(6):12, 1947
Nixon, USDA C. 728:38, 1945
- ORYZAEPHILUS SURINAMENSIS - CANADA
Annason et al., Can. Ins. Pest Rev. 24:90, 1946
Gauthier, Can. Ins. Pest Rev. 24:33, 1946
1 Gray, Can. Food Packer 17(11):27, 1946
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:4, 1945
Manson et al., Can. Ins. Pest Rev. 24:102, 1946; 25:123-124, 1947
Thompson, Can. Ins. Pest Rev. 24:43-44, 1946
- ORYZAEPHILUS SURINAMENSIS - INSECTICIDES
Campbell, R. I. R. 59:22-23, 1947
Monro, Sci. Agr. 27:270-283, 1947
Monro & Delisle, Sci. Agr. 25:797-816, 1945, abridged in Pests 14(9):14, 16-17, 20-22, 1946
b Richardson, J. Ec. Ent. 39:599-607, 1946
Richardson & Walkden, J. Ec. Ent. 38:471-477, 1945
1 Stuckey, Ga. R. 57:61-62, 1945
Srivastava & Wilson, J. Ec. Ent. 40:569-571, 1947
- ORYZAEPHILUS SURINAMENSIS - PACKAGED GOODS
Michelbacher, Mod. Packaging 20(5) 170, 1947
Verdcourt, Md. Packaging 21(3):152, 1947
- ORYZAEPHILUS SURINAMENSIS - PEANUTS, SHELLS
1 Bissell & Du Pree, J. Ec. Ent. 39:550-552, 1946
- OSCINELLA CARBONARIA (Loew)
Stuckey, Ga. R. 58:82, 1946
- OSTRIDAE - POETRY
Twinn, Pests 14(2) 22, 1946
- OTACUSTES CRASSUS PATRUELLIS (Cushman)
bi Clancy, Cal. Univ. Pub. Ent. 7:462-468, 1946
- OTITIS, PARASITIC, see under genera
OTODECTES; PSOROPTES
- OTOBIUS MEGNINI (Dugès) (EAR TICK)*
(SPINOSE EAR TICK)
Annand, USDA EPQ R. f. 1943/44 22-23
Bishopp & Trembley, J. Parasit. 31:44-46, 1945
Curran, Nat. Hist. 54:214-215, 1945
1 Hall et al., USDA FB 1330 rev. 10-11, 1946
Hixson, Okla. Ext. C. 387 rev. 29, 1946
1 Kemper, USDA FB 980 rev. 10 p., 1947
Rude & Parish, USDA EPQ E-695, 4 p., 1945
Rude & Parrish, Tex. Vet. Bul. 8(9):5-6, 1946
- OTOBIUS MEGNINI - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:14
Furman, J. Ec. Ent. 40:673-674, 1947
b Kemper et al., N. Amer. Vet. 28:665-668, 672, 1947
Rude, Sheep & Goat Raiser 26(11) 38, 1946
Simms, USDA BAI R. f. 1945/46:44, f. 1946/47:53
Telford & Guthrie, Agr. Chem. 1(3):31, 1946
- OTODECTES CYNOTIS (Hering)
1 Coffin, Man. Vet. Clin. Path. rev. 59, 1945
Gonzales Alvarez, Vet. Med. 42:414-417, 1947
Gunn, Natl. Fur News 17 [i.e. 18](6) 11, 23, 1946
1 Olson, Pest Control & Sanit. 1(4):27, 1946
- OTODECTES CYNOTIS & OTITIS, PARASITIC
1 Streeter, Vet. Med. 40:412-413, 1945
- OTOSEMA ODORATA (L.)
Martorelli, P. R. Univ. J. Agr. 29:506, 1945
- OTOSTIGMUS sp.
Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46:23, 1947
- OTOSTIGMUS SCABER Porat
Holdaway, Hawaiian Ent. Soc. P. 13:16, 26, 1947

OVICIDES

- Baker et al., Wash B 497 43,45, 1947
 1 Eddy et al., USDA EPQ F-733 4-7, 15,20-235, 1947
 OVICIDFS - AZOBENZFNF
 Hixson & Muma, J Ec Ent 40 597, 1947
 OVICIDES - BENZENE HEXACHLORIDE
 O'Kane & Conklin, N H B 367-32-33, 1946
 Wells & Barrett, J Ec Ent 39 816, 1946
 OVICIDES - CALCIUM HYPOCHLORITE (HTH)
 Hatchett, U S Pub Health Rpts 61 683-685, 1946
 OVICIDES - CREOSOTE
 1 Knutson, R I Dept Agr & Conserv, R 12 32,35, 1947
 OVICIDES - DDT (GESAROL AK 20) & OIL
 O Kane & Conklin, N H B 363 41, 1945
 OVICIDES - DDT EMULSION
 Johansson et al., Can Ent 79 166-167, 1947
 OVICIDFS - DINITRO COMPOUNDS
 Johansson et al., Can Ent 79 166-167, 1947
 OVICIDES - DINITRO COMPOUNDS & OIL
 Cutright, Ohio B 673-64, 1947
 OVICIDES - DINITRO-O-CRESOL
 Annand, USDA EPQ R f 1945 46 13
 OVICIDES - DINITRO-O-CYCLOHEXYE-PHFNOL, TRIETHANOLAMINE SALT OF
 Usinger, J Ec Ent 38 588-590, 1945
 OVICIDES - Elgetol, see OVICIDFS - SODIUM DINITRO-O-CRESYLATE (Elgetol)
 OVICIDES - OIL (MISCIBLE)
 Johansson et al., Can Ent 79 166-167, 1947
 OVICIDES - PYRETHRUM
 b Gnadinger, Pyrethrum Flowers sup to ed 2 1936-1945-558-560, 1945
 OVICIDES - SODIUM DINITRO-O-CRESYLATE (Elgetol)
 Magie & Munding, N Y (G) Farm Res 12(2)-12, 1946
 OVICIDES - TOXICITY - EFFECT OF HUMIDITY
 Eddy, J Ec Ent 40 116-118, 1947
 OX WARBLER, see HYPODERMA Latr
 OXYAGRION Selys - NORTH AMERICA
 Christiansen, Psyche 53 89, 1946
 OXYBELUS BIPUNCTATUS Oliv. - DISTRICT OF COLUMBIA
 Pate, Bklyn Ent Soc. B 40 165, 1947
 OXYBELUS SUBCORNUTUS Ckll - DISTRICT OF COLUMBIA
 Pate, Bklyn Ent. Soc B 40 165, 1946
 OXYHALOA BUPRESTOIDES (Sauss.)
 1 Rehn, Sci Month 61-275, 1945.
 OXYLIPEURUS POLYTRAPEZIUS (Burm.) (SLENDER TURKEY LOUSE)*
 Marsden & Martin, Turkey Mangt ed 4-650-652, 1946

OXYPLAX OCHRACEA (Moore)

- Swezey, Hawaiian Ent Soc P. 12 364, 1945
 OXYPLEURITES sp
 Look, Hawaiian Ent Soc P 12 488, 1946, 13 28, 1947.
 OXYPLEURITES MANGIFERAE Keif
 n1 Keifer, Cal Dept Agr B 35 43, 1946
 OXYPLEURITES MAXWELLI Keif (OLIVE LEAF MITE)
 Condit, Cal Ext C 135 33-34, 1947
 OXYPTILUS PERISCCELIDACTYLUS (Fitch), see PTEROPHORUS
 PERISCCELIDACTYLUS Fitch
 *OYSTERSHELL SCALE, see LEPIDOS-APHES ULMI (L)
 PACHNAEUS LITUS (Germ) (CITRUS ROOT WEEVIL)*
 Osorio, Control de Plagas 8 [1 e 7] 61-63, 1945
 PACHODYNFRUS NASIDENS (Latr)
 Pemberton, Hawaiian Planters' Rec 50 129,131-134,137-139, 1946
 PACHYBRACHIS sp
 Fautin, Ecol Monog 16 269, 1946
 PACHYBRACHIS LURIDUS (F)
 Frost, N Y Ent Soc J 53 221, 1945
 PACHYBRACHIS OBSOLETUS Suffr
 Arnason et al., Can Ins Pest Rev 24 85, 1946
 PACHYBRACHIS PUBESCENS (Oliv)
 Frost, Psyche 53 21, 1946
 PACHYBRACHIS TRINOTATUS (Mels)
 Frost, N Y Ent Soc J 53 221-222, 1945
 PACHYBRACHIUS Hahn - STRAW-BERRIES
 Watson, Cit Indus 28(3) 25, 1947
 PACHYBRACHIUS VINCTUS (Say)
 Mowry et al., Fla R f 1946 47 115-116
 PACHYLAELAPS ORNATA Keegan
 n1 Keegan, Amer Micros Soc Trans 65 75-77, 1946
 PACHYLIA FICUS (L.) (FICUS SPHINX)
 Martorell, P R Univ J Agr 29 498-499, 1945
 PACHYMORPHUS SUBDUCTELLUS Moschl
 Martorell, P R Univ J Agr 29 537, 1945
 PACHYNEMATUS Konow
 nik Ross, Ent Soc Wash P 47 105-120, 1945
 PACHYNEMATUS OCREATUS Harrgtn, see PIKONEMA DIMMOCKII (Cress.)
 PACHYNEURON ALTISCUTA How
 Calkins, Kans Ent Soc J 19-68, 1946
 PACHYNEURON CALIFORNICUM Gir
 bi Clancy, Cal. Univ. Pub. Ent 7-454-457, 1946
 PACHYPSYLLA CELTIDIS-GEMMA
 Riley (HACKBERRY BUD GALL)
 Dean et al., Kans Ent Soc J. 18-93, 1945

PACHYPSYLLA CELTIDIS -MAMMA
(Flet.) (HACKBERRY NIPPLE
GALL)*

Dean et al., Kans. Ent. Soc. J. 18-93,
1945

Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f
1946-71, 1947

PACHYPSYLLA VENUSTA (O-S.)
(HACKBERRY PETIOLE GALL)

Dean et al., Kans. Ent. Soc. J. 18-93,
1945

PACHYSEIUS INSCULPTA Keegan
ni Keegan, Amer. Micros. Soc. Trans.
65-73-75, 1946

PACHYZANCLA BIPUNCTALIS (F.)
(SOUTHERN BEET WEBWORM)*

Annand, USDA EPQ R. f. 1945/46 12
Bottger & Levin, USDA EPQ E-729,
23 p., 1947. E-738-2-4,6-14, 1947
Gertler, USDA EPQ E-732-9, 1947
McGovran et al., USDA EPQ E-736-
3-5 1947

Mayer & Gahan, USDA EPQ E-646 4-
9, 1945

b Mayer et al., USDA EPQ E-709-2-16,
1946; E-725 3-10, 1947

Plank, P. R. (Mayaguez) R. f. 1944-27,
1945

Swingle et al., USDA EPQ E-634, 23 p.,
1945

PACHYZANCLA PHAEOPTERALIS
(Guen.)

Ingram, USDA EPQ E-647:4, 1945

Ingram et al., Sugar J. 9(11) 24, 1947

Wylie & Wilson, Fla. R. f. 1946/47-
183.

*PACIFIC COAST TICK, see DERMA-
CENTOR OCCIDENTALIS Neum

*PACIFIC COAST WIREWORM, see
LIMONIUS CANUS Lec

*PACIFIC FLATHEADED BORER, see
CHRYSOBOTHRIS MALI Horn

*PACIFIC MITE, see TETRANYCHUS
PACIFICUS McG.

PACIFIC PEACH BORER, see SANNINOI-
DEA EXITIOSA GRAEFI (Hy. Edw.)

PACKAGING MATERIALS - INSECTS
Annand, USDA EPQ R. f. 1944/45, 13,
21.

Cooper, Ky. R. 59-37, 1947.

Cotton, Inst. Food Technol. P. 6:51-52,
1945; Pests 14(10):52, 1946.

Cotton et al., USDA EPQ E-641-5-7,
1945.

Essig, Mod. Packaging 18(11):135-136,
1945.

Gray, Can. Food Packer 17(12):31-32,
1946.

i Harsham, Food Indus. 18:851, 984,
1946.

Hoskins & Chamberlin, Cal. C. 365:
101, 1946

Michelbacher, Assoc. Oper. Mill. B.
Feb. 1947:1579-1580.

i Michelbacher, Mod. Packaging 20(5)
143-145, 170, 172, 1947

Packard, USDA EPQ E-640-8, 1945.

Pass, Food in Canada 5(11):14, 1945.

Smallman, Wallerstein Lab. Commun.
8:168, 1945.

PACKAGING MATERIAL - INSECTS--
Continued.

Stuckey, Ga. R. 58:81-82, 1946; 59-
87-93, 1947.

Verdcourt, Mod. Packaging 21(3):150-
153, 1947

b Webber et al., J. Ec. Ent. 39:487-
498, 1946

*PACKARD GRASSHOPPER, see ME-
LANOPLUS PACKARDII Scudd

PAGARONIA CONFUSA Oman &
PIERCE'S DISEASE OF GRAPE-
VINES

b Frazier & Freitag, Phytopathology
36 634-637, 1946

PAGARONIA FURCATA Oman &
PIERCE'S DISEASE OF GRAPE-
VINES

b Frazier & Freitag, Phytopathology
36 634-637, 1946.

PAGARONIA TREDECIMPUNCTATA
Ball & PIERCE'S DISEASE OF
GRAPEVINES

b Frazier & Freitag, Phytopathology
36 634-637, 1946

PAGARONIA TRIUNATA Ball &
PIERCE'S DISEASE OF GRAPE-
VINES

b Frazier & Freitag, Phytopathology
36 634-637, 1946

*PAINTED HICKORY BORER, see MEG-
ACYLLENE CARYAE (Gahan)

*PAINTED -LADY, see VANESSA CARD-
UI (L.)

*PAINTED MAPLE APHID, see DREP-
ANAPHIS ACERIFOLIAE (Thos.)

PALE-BORDERED COCKROACH, see
LEUROLESTES PALLIDUS Brunn

PALE LEGUME BUG, see LYGUS ELI-
SUS Van D.

*PALE-SIDED CUTWORM, see AGROTIS
MALEFIDA Guen

*PALE-STRIPED FLEA BEETLE, see
SYSTEMA BLANDA Melsh.

*PALE WESTERN CUTWORM, see
AGROTIS ORTHOGONIA Morr

PALEACRITA VERNATA (Peck)
(SPRING CANKERWORM)*

Boyd, N. J. Dept. Agr. C. 355:48-49,
1945

Dewey, N. Y. St. Hort. Soc. P. 92:58,
1947.

Farrar, Arbor. News 11:43, 1946.

Headstrom, Horticulture 24:341, 1946.

Heming, in Cal. Fuchsia Soc., A to Z
on Fuchsias 14-15, 1946.

Hodson, Minn. Ext. Folder 136, 4 p.,
1945

Houser, Amer. Fruit Grow. 67(6):17,
1946

Knutson, R. I. Dept. Agr. & Conserv.
R. 12:36-37, 1947

Parker, Kans. Bien. R. 13:64, 1946.

Severin, S. Dak. R. 60:17-18, 1947.

Smith, Cal. Ext. C. 98 rev. 48, 1946;
46 rev. 42, 1947.

PALEACRITA VERNATA - CANADA

Atwood, Can. Dept. Agr. Div. Ent.

For. Ins. Surv. R. 8:30, 1945.

Davault, Can. Dept. Agr. Div. Ent.

For. Ins. Surv. R. f. 1946:24, 1947.

PALEACRITA VERNATA - CANADA--
Continued

- Davault & Lambert, Can Dept Agr
Div Ent For Ins Surv R f 1945
23, 1946
Lambert, Quebec Min. Lands & For.
R f 1943/44 93, 1945
Lambert, Can Dept Agr Div Ent
For Ins. Surv R f 1944 17, 1945
Lejeune, Can Dept Agr Div Ent
For Ins Surv R f 1945 47-48,
1946
Lejeune, Can Ins Pest Rev 24 77-78,
1946
McGuffin & Bradley, Can Dept Agr
Div Ent For Ins Surv R f 1946
59, 1947
Richmond & McGuffin, Can. Dept Agr
Div Ent For Ins Surv R f 1944
47, 1945
Watson & Razienne, Can Dept Agr
Div Ent For Ins Surv R f 1946
36, 1947
Watson et al. Can Ins Pest Rev 25
47, 1947

PALEACRIATA VERNATA & DUTCH
ELM DISEASE

- Zentmyer et al., Conn B 498 20-21,
1946
*PALM LEAF SKLEFTONIZER, see
HOMALEDR A SABAELLA
(Chamb)
PAMFRA Sav, see PACHYBRACHIUS
Hahn
PANCHLORA CUBENSIS Sauss (CUBAN
COCKROACH)*
Thompson, Can Ins Pest Rev 24 44,
1946
PANCHLORA SAGAX Rehn & Heb
Martorell, P R Univ J Agr 29 357,
1945
PANDEMIS LIMITATA (Rob) (THREE-
LINED LEAF ROLLER)
Patterson & Neary, Can. Ins Pest
Rev 24:14, 1946
PANISCUS sp
Annand, USDA EPQ R f 1943/44 24
PANOQUINA NERO (F.)
Martorell, P R Univ J Agr 29 493-
494, 1945
PANOQUINA NYCTELIUS COSCINIA
(H-S)
Scaramuzza, in Cuba Min Agr. Estac
Expt. Caña de Azúcar (Havana),
Caña de Azúcar en Cuba: 549, 1946
PANOQUINA SYLVICOLA (H-S)
Scaramuzza, in Cuba Min Agr Estac
Expt. Caña de Azúcar (Havana),
Caña de Azúcar en Cuba 549, 1946
PANTOGRAPHIA LIMATA Grote & Rob.
(BASSWOOD LEAF ROLLER)*
i Martorell, P. R. Univ. J. Agr. 29:
518-519, 535-536, 1945
PANTOMORUS (GRAPHOGNATHUS)
Buch., see GRAPHOGNATHUS
Buch.
PANTOMORUS GODMANI (Crotch)
(FULLER ROSE BEETLE)*
Butterfield, Cal. Ext. C. 80 rev. 47,
1947.
Ebeling, Cal Ext. C. 43 rev.:48, 1947.

PANTOMORUS GODMANI--Continued
Morrison, Cal Dept Agr B 35 136,
1946

- Parker et al., Man for Cit. Grow ed
3 51, 1947
Smith, in Cal Agr Expt Sta., Invest
with DDT in Cal 1944 7, 1945
PANTOMORUS LFUCOLOMA (of North
Amer auth., not Boh.), see
GRAPHOGNATHUS LEUCOLOMA
FECUNDUS Buch
PANTRY INSECTS, see FOOD INSECTS
STORED PRODUCTS INSECTS
PANURGINUS MELANOCEPHALUS
Ckll - PARASITES
MacSwain & Bohart, Pan-Pac Ent
23 30, 1947
PAPAPEMA BAPTISIAE Bird
Frost, N Y Ent Soc J 53 223, 1945
PAPAPEMA NFBRIIS (Guen) (STALK
BORER)*
Bare, Neb Ext C 1535, 2 p., 1945
Davis, Ind Acad Sci P 56 149, 1947?
Krone et al., Mich Ext B 4 rev 82,
1945
i Lecker, Ind Ext B 239 rev 12-13,
1947
McDaniel, Flor Rev 98(2534) 34,
1946
McDaniel, Gladiolus 22 46, 1947
i Muma, Neb Ext C 1537 18, 1946
Smith et al., Kans Ent Soc J 19 50,
1946, 20 51, 58, 1947
Stirrett, Can Ins Pest Rev 25 40,
1947
PAPAPEMA NFBRIIS - RASPBERRIES
Shaw, J Ec Ent 39 425, 1946
PAPAPEMA PURPURIFASCIA (Grote
& Rob) (COLUMBINE BORER)*
Bird & Mitchener, Can Ins Pest Rev
24 70, 1946
Bird et al., Can Ins Pest Rev 25
106, 1947
*PAPAYA FRUIT FLY, see TOXOTRY-
PANA CURVICAUDA Gerst
PAPAYA INSECTS
Acuña & de Zavas, Cuba (Santiago de
las Vegas) C 85 8-12, 1946
Osorio, B Inform Agr Gobierno
Prov Las Villas 17(130) 8-10, 1945
i Osorio, Control de Plagas 8 [i e 7]
70, 72-73, 75-77, 1945
PAPAYA WEBWORM, see HOMALOPAL-
PIA DALERA Dyar
PAPILIO AJAX L (BLACK SWALLOW-
TAIL, CELERYWORM, PARSLEY-
WORM)*
Headstrom, Horticulture 23 334, 1945
Neary, N S Dept. Agr R f 1943/44:
101, 1945, f 1944/45 103, 1946
Perron, Can Ins. Pest Rev 25 25,
1947.
PAPILIO CRESPHONTES Cram (OR-
ANGE-DOG)*
Burgess, Ariz. R 55:51, 1945
PAPILIO GLAUCUS L. (TIGER SWAL-
LOWTAIL)*
i Knight, Iowa Conserv. 4:143, 1945.
PAPILIO MARCELLUS Cram (ZEBRA
SWALLOWTAIL)
Wressell, Can. Ins. Pest Rev 24-58,
1946.

- PAPILIO MYLOTES Bates
Wilson, Ent News 56 148, 1945
- PAPILIO PELAUS (F.)
Martorell, P R Univ J. Agr 29:478-479, 1945
- PAPILIO THOAS L. (GIANT SWALLOW-TAIL)
i Knight, Iowa Conserv. 4 143, 1945.
- PAPILIO ZELICAON Lucas (WESTERN PARSLEY BUTTERFLY)
Morrison, Cal Dept Agr B 35:137, 1946
- PAPILIONIDAE - PARASITES
i Smith, Nature Mag 39 15, 1946
- PARACAPNIA Hanson
i Hanson, Amer Mid. Nat 35:225-227, 236-237, 1946
- PARACLEMENSIA ACERIFOLIELLA (Fitch) (MAPLE LEAF CUTTER)*
Atwood, Can Dept Agr Div Ent For. Ins Surv R f 1944 32, 1945
Bailey, Vt. Commr Agr Bien R 23:87, 1946
Gauthier, Can Ins Pest Rev 24:32, 1946
Kennedy, Ont Royal Comm For R f 1947 117
Lambert, Can Dept Agr. Div Ent For Ins. Surv R f 1944-19, 1945
Thompson, Can Ins Pest Rev 24 42, 1946
Watson & Gauthier, Can. Ins. Pest Rev 25 70, 1947
Watson & MacKay, Can Dept. Agr Div Ent For. Ins Surv R. f. 1945-30, 1946
Watson & Razienne, Can Dept Agr Div Ent For Ins Surv R f. 1946 37, 1947
- PARACLIUS GERMANUS Parent - PREY
Travis, Ent Soc Wash P 49:20-21, 1947.
- PARACOTALPA GRANICOLLIS (Hald)
Fautin, Ecol. Monog 16:267, 1946
- PARADOSIS FLEGIA (Cram.)
Martorell, P R Univ J Agr 29:524, 1945.
- PARAIDEMONA MIMICA Scudd
Pemberton, Hawaiian Ent Soc. P. 12:479, 1946
i Van Zwaluwenburg, Hawaiian Planters' Rec. 50:16, 1946
Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt Sta. R. f. 1944/45-18, 1946.
- PARALEUCOPTERA ALBELLA (Chamb.)
Parker, Ariz St. Ent. R. f 1946/47-27.
- PARALITOMASTIX PYRALIDIS (Ashm.) - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent 8:109, 1947.
- PARALLELODIPLOSISS CATTLEAYAE (Moll)
Swezey, Hawaiian Ent. Soc. P. 12:366-367, 1945.
- PARALLELOSTETHUS ATTENUATUS (Say) - LARVAE
i Jewett, Ky. B. 489:11, 1946.
- PARALUCILIA WHEELERI (Hough) & MYIASIS
i James, USDA Misc. Pub. 631:66, 1947.
- PARAMYRMOSA Sauss.
nk Pate, Can Ent 78:196-197, 1946.
- PARANAEMIA VITTIGERA (Mann)
i Knowlton, Utah Farm & Home Sci. 7(1) 4, 1946.
- PARANDRA BRUNNEA (F.)
Eddy, R. I. Dept Agr & Conserv R 10 49, 1945
Knull, Ohio Biol. Surv. B. 39 144, 1946
- PARANDRA POLITA Say
i Knull, Ohio Biol. Surv B 39 143-144, 1946
- PARANEOTERMES SIMPLICICORNIS (Banks)
Lauderdale, Ariz St Ent R. f 1945/46 22
- PARAPACHYTA SPURCA (Lec), see CENTRODERA SPURCA Lec
- PARAPHLEPSIUS APERTINUS (Osb & Lathrop)
DeLong & Severin, Hilgardia 17 4-5, 1945
- PARAPHLEPSIUS APERTINUS & CALIFORNIA ASTER YELLOWS
i Severin, Hilgardia 17 47-48, 1945
- PARAPHLEPSIUS IRRORATUS (Say) - SWARMING
Steyskal, Bklyn Ent Soc B 40 86, 1945
- PARAPHYTOPTUS RHAMNIPHAGUS Keif
ni Keiffer, Cal Dept Agr B 35:40, 1946
- PARARCHYTAS HAMMONDI Brooks
n Brooks, Can Ent 77 80, 1945
- PARASITES
Beaulne, Quebec Soc. Protect Plants R 30:206-209, 1947.
bi Brues, Ins Dietary 290-398, 1946
Garman, Conn B 488:330, 1945.
Hutyrta et al , Sp. Path & Ther Dis Dom Anim. Eng. ed. 5 v 2:37,468-471,536, 1946
Richmond & McGuffin, Can Dept Agr Div Ent. For. Ins Surv R f 1944 48-49, 1945.
- PARASITES, see also BIOLOGICAL CONTROL; ENTOMOGENOUS FUNGI; ENTOMOPHAGOUS INSECTS; PREDATORS; SUPER-PARASITISM
- PARASITES - CATALOGS
Thompson, Imp. Inst. Ent. Parasite Serv. Cat. Parasites & Pred. of Ins. Pests, Sect. 1, Pt. 6:131-258, 1945; Pt. 7:259-385; Pt. 8:386-523, 1946
Thompson, Imp. Bur. Biol. Control Cat. Parasites & Pred. of Ins. Pests, Sect. 1, Pt. 9:524-627, 1947.
- PARASITES - COLLECTION & PRESERVATION
Coppel, Ent. Soc. Ont. R. 77:38-39, 1947.
- PARASITES - COLONIZATION
Finney et al., Hilgardia 17:479-480, 1947.
- PARASITES - DEVELOPMENT IN WASP-STUNG HOSTS
Whiting, J. Hered. 38:14-16, 1947.

PARASITES - HOSTS

Thompson, Imp. Inst Ent Parasite
Serv Cat. Parasites & Pred of Ins.
Pests, Sect. 1, Pt 6 131-258, 1945,
Pt. 7 259-385, Pt 8 386-523, 1946
Thompson, Imp. Bur Biol Control
Cat Parasites & Pred of Ins Pests,
Sect 1, Pt 9 524-627, 1947

PARASITES - INTRODUCTION

Annand, USDA EPQ R f 1943/44 24-
25
Annand, New Internatl YB 1944 297,
1945
Fullaway, Hawaii Bd Comnrs Agr
& For Bien R. f 1944/46 37,43-45

PARASITES - LIBERATION

Alden, Ga Dept Ent B 89 8, 1946
Annand, USDA EPQ R f 1943/44 12,
f 1946 47 25
Arbuthnot et al, USDA EPQ Ins Pest
Surv Sp Sup (1947, No 6), 4 p
Armitage et al, Cal Dept Agr B 34
162-163 1946
Clark, USDA EPQ Ins Pest Surv Sp
Sup (1945, No 3) 2-4
Deay, Ind R 60 68, 1947
Drake et al, Iowa Dept Agr YB 45
100-107, 1945, 46 171-175, 1946,
47 120-126, 129, 1947
Drake et al, Iowa R f 1945/46 pt. 2
55
French, Va Dept Agr & Immigr R
f 1944/45 57-58, f 1945/46 51-52
Fullaway, Hawaii Bd Comnrs Agr. &
For Bien R. f 1944/46 38,43
Jones, Cal Dept Agr B 35 190,
1947
Plank & Bartlett, P R (Mayaguez)
R f 1945 39, 1946

PARASITES - LIBERATION - CANADA

Balch & Reeks, N B Dept Lands &
Mines R 109 125, 1946, 110 66,
1947
Briand, Quebec Soc Protect Plants
R 30-56-57, 1947
Davault, Quebec Min Lands & For
R f 1945/46 114, 1947
Fulton, B C Ent Soc P 43-25-27,
1947
Harrison, N. S Dept Lands & For.
R f 1944 55, 1945; f 1945 48, 1946
Hawboldt, N. S. Dept Lands & For R
f. 1945/46 43-44, 1947
Wilkes, Can. Ent 78 82-86, 1946
Wilkes, Quebec Soc Protect Plants R.
30-111-112, 1947
Can. Dept. Agr Div Ent., Can Ins.
Pest Rev 23-119-139, 1945; 24-134-
152, 1946; 25-348-371, 1947.
Ont Dept. Agr Div. Ent. Parasite
Invest Unit, Control For. Ins. Prov
Ont by Introd. Ins. Parasites, 83 p.,
1947.

PARASITES - LONGEVITY

Beacher, Ent. Soc Amer. Ann 40-
534-535, 1947.

PARASITES - POPULATIONS

b DeBach & Smith, Ecology 28-290-
298, 1947.

PARASITES - REARING

Clark, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1945, No. 3):1-2.

PARASITES - REARING - COSTS

Finney et al, Hilgardia 17 476-479,
1949

PARASITES - RECOVERY

Briand, Quebec Soc Protect Plants
R 30 57-59, 1947
Drake, Iowa Dept Agr YB 46-175-
176, 1946, 47-126-129, 1947.
Reeks et al, Can Dept Agr Div Ent.
For. Ins Surv R f 1945 14, 1946
Wilkes & Anderson, Ent Soc Ont R
77 40-44, 1947

PARASITES - SHIPPING

Berry, J Ec Ent 40 801-802, 1947
Clark, USDA EPQ Ins Pest Surv Sp.
Sup (1945, No 3) 2-3.
Finney et al, Hilgardia 17 474-475,
1947

PARASITIC COCCIDIA - ADELINA sp

bi Steinhäus, J Parasit 33 29-32,
1947

PARASITIC HYMENOPTERA - CHEM- ORECEPTORS - OVIPOSITOR

bi Dethier, J Expt Zool 105 199-
207, 1947

PARASITIC HYMENOPTERA - HOST DISCOVERY

b Flanders, Ecology 28 299-309, 1947

PARASITIC HYMENOPTERA - REARING

Brunson & Allen, J Ec Ent 41 446-
447, 1948

PARASITIC NEMATODES

Scaramuzza, in Cuba Min Agr Estac
Expt Caña de Azúcar (Havana).
Caña de Azúcar en Cuba 546, 1946
Scaramuzza et al, Asoc Téc Azuc
Cuba P 21:5, 1947
Weiss, N J. Dept Agr R 30 195-
196, 1945, 31 154, 1946

PARASITIC PROTOZOA - MICROSPORI- DIA

b McCoy, N Y Ent Soc J 55 51-55,
1947

PARASITOIDEA

bn Keegan, Amer Micros Soc
Trans 65-69-77, 1946

PARASITUS sp

Fronk, Va. TB 108 10, 1947
Knowlton, J Ec Ent. 40 755, 1947

PARASOL ANTS, see ATTA F.

PARASTASIA BREVIPE (Lec) - LAR- VAE, 3d STAGE

bi Ritcher, Ky. B. 471 8-10, 1945

PARATETRANYCHUS sp

Holdaway & Nishida, Hawaii R f
1944/46-69, 1947.

PARATETRANYCHUS CITRI (McG.)

(CITRUS RED MITE)* (PURPLE
MITE, FLORIDA)

Parker et al., Man. for Cit Grow. ed.
3-45, 47, 1947

Ryan, Los Angeles Co Cal. Agr.
Comnr. R. f 1944/45.8, f 1945/46
14, f. 1946/47-13.

PARATETRANYCHUS CITRI - INSECTI- CIDES

Jeppson, Cal. Agr. 1(8)-3, 1947.
Jeppson, Cal Citrog 32-331, 1947.
Jeppson, Cit. Leaves 27(5)-14-15,
1947
Roark, USDA EPO E-721 10, 1947.
Thompson, Fla. R. f. 1944/45.169.

- PARATETRANYCHUS CITRI - INSECTICIDES--Continued
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:87-90, 1947
- PARATETRANYCHUS CITRI - PREDATORS - EFFECT OF DDT
DeBach, J. Ec. Ent. 40:598-599, 1947
- PARATETRANYCHUS CITRI - SPRAYS
Bottger & Bowen, USDA EPQ E-710, 5 p., 1946.
Caryl & Johnston, Cal. Ext. C. 114 rev. 44, 1946
Jeppson, J. Ec. Ent. 39:813, 1946.
Thompson, Cit. Indus. 27(9):14,16,20-21, 1946.
Thompson, Fla. R. f. 1946/47:155-156.
b Thompson, Fla. St. Hort. Soc. P. 59:60-65, 1946.
Wolfenbarger, Fla. R. f. 1946/47:249.
- PARATETRANYCHUS CITRI - SPRAYS - DDT
Flanders, Rocky Mountain Conf. Ent. R. 18:7, 1947
Griffiths & Thompson, J. Ec. Ent. 40:387, 1947.
Jeppson, Cal. Citrog. 31:126, 1946
- PARATETRANYCHUS COITI McG. (AVOCADO MITE OF CALIFORNIA)
Boyce, Cal. Avocado Soc. YB f. 1946:85
Ebeling, Cal. Ext. C. 43 rev. 47, 1947.
- PARATETRANYCHUS HETERONYCHUS
Ewing, see PARATETRANYCHUS SIMPLEX (Banks)
- PARATETRANYCHUS ILICIS (McG.) (SOUTHERN RED MITE)*
English, Ala. R. 54/55:27, 1946.
i English, Amer. Camellia YB 1:36, 1946
Hamilton, J. Ec. Ent. 40:735, 1947.
i Hume, Camellias in Amer.:179-181, 1946.
Morrison, Cal. Dept. Agr. B. 35:138, 1946.
- PARATETRANYCHUS PILOSUS (Can. & Fanz.) (EUROPEAN RED MITE)*
Blasberg, Vt. Ext. Brief. 616 rev.:9, 1945.
Cagle et al., Va. R. f. 1945/46:36.
Cannon, Can. Ins. Pest Rev. 24:11, 1946.
Chandler, Ill. St. Hort. Soc. Trans. 80:134-135, 1947.
Dewey, N. Y. St. Hort. Soc. P. 90:36-37, 1945.
Graham et al., Md. Ext. B. 105:9, 1945.
Harman, N. Y. St. Hort. Soc. P. 92:40,42, 1947.
Houser, Ohio St. Hort. Soc. P. 100:22, 1947.
Jenkins, Mo. St. Hort. Soc. Hort. News 7(2):10, 1947.
i Lamiman & Smith, Cal. Ext. C. 103 rev.:67-68, 1947.
Lathrop, Maine B. 438:649, 1945.
McDaniel, Tenn. Hort. 25(8):2, 1947.
Marshall et al., Can. Ins. Pest Rev. 25:80-81, 1947.
Maxwell, Can. Ins. Pest Rev. 24:22, 1946.
- PARATETRANYCHUS PILOSUS--Continued.
Mills & Dewey, N. Y. (C.) Ext. B. 711:6-8,12-14,32-33,71-73,75, 1947.
Neary, N. S. Fruit Grow. Assoc. R. 83:25, 1946; 84:116, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946.
Putnam, N. Y. St. Hort. Soc. P. 92:47, 1947.
Rasmussen et al., N. H. Ext. C. 280:6, 1947.
Robertson, B. C. Dept. Agr. R. 41:W73-W74, 1947.
Ross, Can. Ins. Pest Rev. 24:46, 1946.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1946/47:16.
Smith, Cal. Ext. C. 46 rev.:44, 1947.
Thompson, Can. Ins. Pest Rev. 24:41, 1946.
Twinn, Can. Ins. Pest Rev. 23:5, 1945.
Venables, Can. Ins. Pest Rev. 24:119, 1946
- PARATETRANYCHUS PILOSUS - DUSTS
Lathrop, Maine B. 449:411-412, 1947.
- PARATETRANYCHUS PILOSUS - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47:10.
Bourne & Whitcomb, Mass. B. 428:33, 1945.
Lathrop, Maine Ext. B. 274 rev.:15-16,18, 1945.
i Lathrop et al., Maine Ext. B. 353:6, 1947.
i Plummer, East. Fruit Grow. 9(6):6,10,40, 1946.
b Roark, USDA EPQ E-655:14-16, 1945.
Smith, Cal. Ext. C. 98 rev. 47-48, 1946.
Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:22,107-109, 1945.
i Woodman, Amer. Fruit Grow. 65(5):13,27, 1945.
- PARATETRANYCHUS PILOSUS - INSECTICIDES - DDT
Hutson et al., Mich. St. Hort. Soc. R. 75:20-22,26,28, 1946.
Slate, Conn. R. f. 1944/45:20.
- PARATETRANYCHUS PILOSUS - LIFE HISTORY
i Cagle, Va. TB 98,19 p., 1946.
- PARATETRANYCHUS PILOSUS - POPULATIONS - EFFECT OF SPRAYS
Pickett et al., Sci. Agr. 26:590-591, 594-599, 1946.
Pickett, N. S. Fruit Grow. Assoc. R. 83:29-30, 1946; 84:73-74,76-77,79-80, 1947.
- PARATETRANYCHUS PILOSUS - PREDATORS
Dean, J. Ec. Ent. 38:724, 1945.
- PARATETRANYCHUS PILOSUS - SPRAYS
Borden, Oreg. St. Hort. Soc. R. 37:22-24, 1945.
Bourne & Whitcomb, Mass. B. 436:34, 1946.
Brannon et al., Wash. St. Hort. Assoc. P. 43:8-11, 1947.
Chapman, N. Y. St. Hort. Soc. P. 92:184-187, 1947.

**PARATEYRANYCHUS PILOSUS -
SPRAYS--Continued.**

- Chapman, Pa. St. Hort. Assoc. P. 88-73-82, 1947.
Cleveland, West. Colo. Hort. Soc. Trans. f. 1944-33, 1945.
Cleveland, Ill. St. Hort. Soc. Trans. 80:195-201, 1947.
Cutright, Ohio B. 673 63, 1947.
Cutright & Sutton, J. Ec. Ent. 40:557-561, 1947.
1 Cutright & Sutton, Ohio St. Hort. Soc. P. 100-55-69, 1947.
Cutright et al., Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2-46-47, 1947.
Dean, N. Y. (G.) R. 64-33, 1946, 65-22-23, 1947.
Dean, N. Y. St. Hort. Soc. P. 92-182, 1947.
Dewey, N. Y. St. Hort. Soc. P. 92-49-52, 56-57, 1947.
Dustan et al., Sci. Agr. 26:121, 1946.
Gardiner, Can. Min. Agr. R. f. 1945/46:17, 69-70, f. 1946/47:83-86.
Garman, Conn. B. 485-149-151, 1945, 512-70-75, 1946.
Garman, Conn. Pom. Soc. R. 56-21-28, 30, 1947.
Garman & Townsend, Conn. B. 512-76-78, 1946.
Graham, Md. Agr. Soc. R. 31 116-122, 1947.
Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23-18, 1946.
Graham & Cory, J. Ec. Ent. 40:752-754, 1947.
Graham & Cory, Md. St. Hort. Soc. P. 49 27-33, 1947.
Graham et al., Md. Ext. B. 112:9, 1946.
Hough, Mountaineer Grow. 7(163):7, 1947.
Hough, Va. Fruit 35(1):81-83, 1947.
Marshall, Sci. Agr. 25:549, 1946.
Marshall, Wash. St. Hort. Assoc. P. 42-66, 68-70, 1946.
Marshall & Miles, Wash. St. Hort. Assoc. P. 43:109-113, 1947.
Newcomer, Wash. St. Hort. Assoc. P. 43-23, 1947.
O'Kane & Conklin, N. H. B. 363:41, 1945.
O'Neill, Oreg. St. Hort. Soc. R. 39-63-64, 1947.
Pearce & Chapman, N. Y. (G.) Farm Res. 13(2):1, 1947.
Peterson, Peninsula Hort. Soc. Trans. 60:82-83, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev.:46-47, 1945; rev.:49-50, 1946.
Richardson, Iowa St. Hort. Soc. Trans. 82:138-139; 140-141, 1947.
Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 61, 2 p., 1947.
Sherwood, W. Va. Ext. C. 320 rev.:9-10, 1946.
Sherwood, Mountaineer Grow. 17(163):2-3, 1947.
Slate, Conn. R. f. 1945/46:10.

**PARATETRANYCHUS PILOSUS -
SPRAYS--Continued.**

- Steiner et al., Amer. Assoc. Ec. Ent. No. Cent. Sts. Branch P. 2-47-49, 1947.
Mo. Col. Agr. Depts. Hort. & Ent., Mo. Ext. C. 540-16, 1947.
N. J. Ext. Spray Calendar 16-7-8, 1946.
Va. Ext. B. 131 rev.:14, 1947.
Wash. Ext. B. 279-13-14, 1947.
**PARATETRANYCHUS PILOSUS -
SPRAYS - DDT**
Buchanan, Wash. B. 482:41, 1946.
i Childs, Amer. Fruit Grow. 67(8):21, 44-45, 1947.
Cutright, Ohio B. 665:25, 1946.
Cutright & Vogel, Ohio St. Hort. Soc. P. 79-101-103, 1946.
Dean, J. Ec. Ent. 38:724-725, 1945.
Fleming, USDA EPQ E-724 13, 1947.
Fluke et al., Wis. B. 469:43, 1946.
Harman, J. Ec. Ent. 39:210, 1946.
Hough, Cumberland-Shenandoah Fruit Growers' Conf. P. 22-[28], 1945.
Hough, Mountaineer Grow. 15(156):20, 1945.
Hough, Va. Fruit 33(1):187, 1945.
Hough, J. Ec. Ent. 39:266-267, 1946.
Hough, Md. Agr. Soc. R. 30:105-106, 1946.
Hough, Mountaineer Grow. 16(160):11, 1946.
Hough, Va. Fruit 34 130-131, 1946.
Hough et al., J. Ec. Ent. 38:424, 1945.
O'Neill & Lipovsky, Wash. St. Hort. Assoc. P. 42-64-65, 1946.
Steiner, Va. Fruit 34:143-145, 1946.
Steiner et al., Ind. Hort. Soc. Trans. 84:30-31, 36-37, 1945, 85:38-42, 1946, 86:89-92, 96-97, 1947.
**PARATETRANYCHUS PILOSUS -
SPRAYS - DDT MIXTURES**
Garman, Conn. B. 501-78-79, 1946.
Garman, Conn. Pom. Soc. P. 55:20, 25, 1946.
**PARATETRANYCHUS SIMPLEX (Banks)
(DATE MITE)***
Lauderdale, Ariz. St. Ent. R. f. 1945/46:18.
Nixon, USDA C. 728-38, 1945.
**PARATETRANYCHUS STICKNEYI McG
Bohart, Hilgardia 17:303, 1947**
**PARATETRANYCHUS UNUNGUIS (Jac.)
(SPRUCE SPIDER MITE)***
b Neiswander & Rodriguez, J. Ec. Ent. 40:419-421, 1947.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 52, 1945; f. 1945:53, 1946.
Peterson, Can. Ins. Pest Rev. 24:105, 1946; 25:55, 1947.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946-67, 1947.
Stearns, Del. B. 263:28, 1947.
**PARATETRANYCHUS VIRIDIS (Banks)
Scaramuzza, In Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba-555, 1946.**

- PARATETRANYCHUS YOTHERSI (McG.) (AVOCADO RED MITE)* (BOX-WOOD MITE)
Pyenson, J. Ec. Ent. 39:284, 1946.
Wolfe et al., Fla. Ext. B. 129:87, 1946.
Wolfenbarger, Fla. Mango Forum P. 7:19, 1947.
- PARATETTX CUCULLATUS (Burm.) - COLOR
Nabours, Kans. Bien. R. 13:57-58, 1946.
- PARATETTX RUGOSUS (Scudd.) - COLOR
Nabours, Kans. Bien. R. 13:57-58, 1946.
- PARATETTX TEXANUS Hancock, see PARATETTX CUCULLATUS (Burm.)
- PARATHERESIA CLARIPALPIS (Wulp) (PERUVIAN FLY)
Ingram et al., Sugar J. 9(11):10, 1947
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar in Cuba:546, 1946.
- PARATHERESIA DIATRAEAE (Brethes)
Annand, USDA EPQ R. f. 1943/44:24; f. 1946/47:25.
Bartlett, P. R. (Mayaguez) R. f. 1944:27, 1945.
Plank & Bartlett, P. R. (Mayaguez) R. f. 1945:39, 1946.
- PARATRECHINA LONGICORNIS (Latr.) (CRAZY ANT)*
Carter, Hawaiian Ent. Soc. P. 12:489, 1946.
Dove, USDA EPQ E-673:12, 1945.
Keifer, Cal. Dept. Agr. B. 33:249, 1945.
Plank, P. R. (Mayaguez) R. f. 1945:24, 1946.
- PARATRICHOBUS ANDUZEI Mathsn bni Matheson, J. Parasit. 31:191-192, 1945.
- PARATRIOZA COCKERELLI (Sulc.) (POTATO PSYLLID, TOMATO PSYLLID)*
Curry, N. Mex. R. 56:44-45, 1946?
Fautin, Ecol. Monog. 16:267, 1946.
Flock, Ariz. St. Ent. R. f. 1944:16, 1945.
Hill, Neb. R. 59:55, 1946.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:16.
Mills et al., Mont. B. 425:17-18, 1945.
bi Pletsch, Mont. B. 446:95 p., 1947.
Smith et al., Kans. Ent. Soc. J. 19:49, 1946.
Vorhies & Wehrle, Ariz. B. 203:39-41, 1946.
i Werner, Neb. B. 384:73, 76-77, 79, 82, 1947.
- PARATRIOZA COCKERELLI - CANADA
Arnason et al., Can. Ins. Pest Rev. 24:86, 1946.
Manson, Can. Ins. Pest Rev. 25:103, 1947.
Manson et al., Can. Ins. Pest Rev. 24:96-97, 1946; 25:40, 1947.
i Strickland, in Alberta Univ. Faculty Agr. B. 46:58-60, 1946.
Wilson, Alberta Dept. Agr. R. f. 1944:23, 1945; f. 1945:20, 1946.
- PARATRIOZA COCKERELLI - DUSTS
Hill, Wyo. R. 54:14-15, 1946? 55:23-24, 1946?; 56:30, 1947.
Trullinger et al., USDA OES R. f. 1945/46:111-112, 1947.
- PARATRIOZA COCKERELLI - INSECTICIDES
Hill, Neb. R. 58:53, 1945.
Hill, Neb. Res. B. 138:3-6, 10, 12, 13, 1945.
Hoerner, West. Colo. Hort. Soc. Trans f. 1944-60, 1945.
List, Colo. Farm B. 7(5):14, 1945.
List, Colo. Spud Notes 3(5):1-2, 1945.
List, West. Colo. Hort. Soc. Trans f. 1944:67-70, 1945; f. 1945:79, 81-82, 1946.
List & Edmundson, Amer. Potato J. 23:347-351, 1946.
List & Payne, Science 105:182-183, 1947.
bi Riedl & Harrison, Wyo. B. 271, 29 p., 1945.
- PARATRIOZA COCKERELLI - INSECTICIDES - DDT
Daniels, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:53-54, 1947.
- PARATRIOZA COCKERELLI - NORTH PLATTE VALLEY
b Wallis, J. Ec. Ent. 39:689-694, 1946.
- PARATRIOZA COCKERELLI - PARASITES & PREDATORS
bi Pletsch, Mont. B. 446:74-81, 85, 1947.
- PARATRIOZA COCKERELLI - PLANTING DATE
Hill, Neb. St. Bd. Agr. R. f. 1945:505-508.
- PARATRIOZA COCKERELLI - RESISTANT POTATOES
Henney, Colo. R. 58:19, 1945.
- PARATRIOZA COCKERELLI - SURVEYS
Annand, USDA EPQ R. f. 1946/47:33.
- PARATRIOZA COCKERELLI & NET NECROSIS OF POTATO
List, J. Ec. Ent. 40:107-112, 1947.
- PARATRIOZA COCKERELLI & PSYLLID YELLOWS
Altstatt, USDA PISAE Plant Dis. Rptr. 29:514, 1945.
Edmundson, Colo. Spud Notes 3(2):2-3, 1945.
bi Pletsch, Mont. B. 446:4-7, 10, 12, 50-52, 81-82, 1947.
b Wallis, J. Ec. Ent. 39:689-690, 1946.
- PARATRIOZA COCKERELLI & WEATHER
b Hill, Kans. Ent. Soc. J. 20:88-92, 1947.
- PARATRIOZA MACULIPENNIS (Cwfd.)
i Pletsch, Mont. B. 446:29-30, 1947.
- PARATYPHOID FEVERS, see CTENOCEPHALIDES CANIS & PARATYPHOID FEVERS
- PARCOBLATTA PENNSYLVANICA (Deg.) PENNSYLVANIA WOOD ROACH)
Chagnon, Quebec Soc. Protect. Plants R. 30:129, 1947.
Gould & Deay, Pest Control & Sanit. 1(19):12-13, 1946.

- PARCOBLATTA PENNSYLVANICA -
BACTERIODS, INTRACELLULAR
b Gler, J. Bact. 53:175-189, 1947
- PARDALOPHORA APICULATA (Harr)
Hammond, Can Ins Pest Rev 25 8,
1947
- PARDALOPHORA PHOENICOPTERA
(Burm) - GYNANDROMORPHS
1 Friauf, Mich Univ Mus. Zool.
Occas Papers 501 1-2, 1947
- PARDOSA MILVINA (Hentz) - MUSCLES,
SPINNERET
b Brown, Conn Acad Arts & Sci
Trans 36:245-248, 1945
- PARECTOPA LIPOCHAETAE Swezey
n Swezey, Hawaiian Ent Soc P 12
627, 1946
- PARECTOPA NIGRIFILLOIDES Swezey
n Swezey, Hawaiian Ent Soc P 12
628, 1946
- PAREGLE CINERELLA (Fall)
Shaw & Bourne, J Ec Ent 39 543,
1946
- PAREGLE RADICUM (L.) & MYIASIS
James, USDA Misc Pub 631 122-123,
1947
- PARIA CANELLA (F.)
Armitage, Cal Dept Agr B 33:241,
1945.
1 Butterfield, Cal Ext C 80 rev 46-
47, 1947
Filing, Kans C 235:40, 1946
Maxwell, Can Ins. Pest Rev 24:23,
1946, 25:100, 1947
Mills & Dewey, N Y (C.) Ext B
306 rev 23, 1946
Parker, Kans Bien R 13 65-66, 1946
Smith, in Cal Agr Expt Sta, Invest
with DDT in Cal 1944 7, 1945
Smith et al, Kans Ent Soc, J 19:50-
51, 1946
- PARLAGENA McK
n McKenzie, Microentomology 10 81-
82, 1945.
- PARLASPIS McK.
n McKenzie, Microentomology 10 82-
83, 1945
- PARLATORIA Targ
nik McKenzie, Microentomology 10-
47-121, 1945; 11 34, 1946.
- PARLATORIA BLANCHARDI (Targ.)
(PARLATORIA DATE SCALE)*
Iyle, J Ec. Ent. 40:2, 1947.
- PARLATORIA CAMELLIAE Comst
English, Amer. Camellia YB 1:35,
1946
Morrison, Cal Dept Agr B 35:131,
1946
Steinweden, Cal Dept. Agr. B. 34:181,
1946.
- PARLATORIA CHINENSIS Marl (CHI-
NESE OBSCURE SCALE)*
Annand, USDA EPQ R. f. 1943/44:3.
Baker, Ent. Soc. Wash. P. 48:26-27,
1946
- *PARLATORIA DATE SCALE, see PAR-
LATORIA BLANCHARDI (Targ.)
- PARLATORIA OLEAE (Colvée) (OLIVE
SCALE)*
Armitage et al., Cal. Dept. Agr. B.
34:174, 1946; 35:195-196, 199, 1947.
Keifer, Cal. Dept. Agr. B. 34:188, 1946.
- PARLATORIA OLEAE--Continued.
Morrison, Cal. Dept Agr. B 35:132,
1946
Ryan, Los Angeles Co Cal Agr
Commr R f 1944/45:5, f 1945/46:
11, f 1946/47 8-9.
Tubbs, Cit. Leaves 27(7) 12, 1947
- PARLATORIA OLEAE - CONTROL,
ARRHENICIDAL
Stafford, J Ec Ent. 40 278, 1947.
- PARLATORIA OLEAE - INSECTICIDES
1 Condit, Cal Ext. C 135 33, 1947.
- PARLATORIA OLEAE - SPRAYS
Smith, Cal Ext C 98 rev 47, 1946.
Stafford, in Cal. Agr Expt Sta.,
Invest. with DDT in Cal 1944-22-24,
1945
b Stafford, J Ec Ent 39 499-503,
1946
Stafford, Cal Olive Indus News 2(1)
3, 1947
Steinweden, Cal Dept Agr B 35 208,
1947.
- PARLATORIA OLEAE - QUARANTINE
Messenger, Cal Dept Agr B 35
219-220, 1947
- PARLATORIA OLEAE - SURVEYS
Armitage, Cal. Dept Agr B 33:235-
236, 1945
Armitage et al, Cal Dept Agr B
34 164, 1946
- PARLATORIA PERGANDII Comst
(CHAFF SCALE)*
Ebeling, Cit Leaves 25(8) 1945
Morrison, Cal Dept Agr B 35 131,
1946
- PARLATORIA PITTOSPORI Mask
Keifer, Cal. Dept Agr B 34:188,
1946
- PARLATORIA PROTEUS (Curt)
Lauderdale, Ariz St Ent R f
1945/46 19
Morrison, Cal Dept. Agr B 35 132,
1946
Steinweden, Orchid Digest 9 265-266,
1945
Swezey, Hawaiian Ent Soc P 12 381,
1945
- PARLATORIA PROTEUS - SPRAYS -
DDT
Cory, Amer Orchid Soc B 13:376,
1945, 16:146-147, 1947
- PARLATORIA PSEUDASPIDIOTUS
Lindgr
Swezey, Hawaiian Ent. Soc P. 12:381-
382, 1945.
- PARLATORIA THEAE Ckll.
Morrison, Cal Dept. Agr. B. 35:132,
1946
- PARLATORIA VIRESCENS Mask
Morrison, Cal Dept. Agr. B. 35:132,
1946
- PARLATORIA ZIZIPHUS Lucas
Morrill & Otnes, J. Ec. Ent. 40:
599, 1947.
- PARMENONTA VALIDA Thos
Myers, USDA EPQ Ins Pest Surv
Sp. Sup (1947, No. 1):4
PAROMIUS LONGULUS (Dall.)
Stuckey, Ga. R 58:82, 1946

- PARORNIX PRUNIVORELLA Chamb.,
see CALLISTO GEMINATELLA
(Pack.)
- PAROXYNA sp.
Keifer, Cal Dept. Agr. B. 34:187,
1946.
- PAROXYNA PICCIOLA (Bigot), see
PAROXYNA SORORCULA (Wied.)
- PAROXYNA SORORCULA (Wied.)
i Needham, Natl. Geog. Mag. 90:344,
346, 353, 1946.
- *PARSLEYWORM, see PAPILIO AJAX L.
- *PARSNIP WEBWORM, see DEPRESSAR-
IA HERACLIANA (L.)
- PARTHENOLESKIA PARKERI Towns
Annand, USDA EPQ R. f. 1944/45-23;
f 1945/46 22.
- Plank & Bartlett, P. R (Mayaguez)
R f 1945 39, 1946.
- PARVITERMES DISCOLOR (Banks)
Martorell, P. R. Univ. J. Agr. 29:360,
1945.
- PARVITERMES WOLCOTTI (Snyder)
Martorell, P. R. Univ. J. Agr. 29:360-
361, 1945.
- PASSALUS CORNUTUS F., see POPILIUS
DISJUNCTUS (Ill.)
- PASTURE INSECTS
Garber et al., Pa. B. 485 41-42, 1946.
- *PAVEMENT ANT, see TETRAMORIUM
CAESPITUM (L.)
- *PEA APHID, see MACROSIPHUM PISI
(Klth.)
- PEACH INSECTS
i Lange & Smith, J. Ec. Ent. 40:496-
499, 1947.
- Lange et al., in Cal. Agr. Expt. Sta.,
Invest. with DDT in Cal. 1944-18-22,
1945.
- Parks & King, Ohio Ext. B. 76 rev. 30,
1947.
- Smith & Lange, Cal. C. 365:52-54,
1946.
- *PEA LEAF WEEVIL, see SITONA
LINEATA (L.)
- *PEA MOTH, see LASPEYRESIA NIGRI-
CANA (Steph.)
- *PEA WEEVIL, see BRUCHUS PISO-
RUM (L.)
- *PEACH BARK BEETLE, see PHLOE-
OTRIBUS LIMINARIS (Harr.)
- PEACH CURCULIO, see CONOTRACHE-
LUS NENUPHAR (Hbst.)
- PEACH DEFORMITIES, see under genera
BROCHYMENA; LYGAEUS; LY-
GUS; and PENTATOMIDAE &
PEACH DEFORMITIES: INSECTS
& PLANT DISEASE - PEACH DE-
FORMITIES
- PEACH INSECTS
i Banta, Amer. Fruit Grow. 65(2):14,
22, 1945.
- Chandler, Ill. St. Hort. Soc. Trans.
78:339-348, 1945; 79:128-134, 1946.
- Dewey, N. Y. St. Hort. Soc. P. 90:43-
44, 1945; 91:87-88, 1946; 92:60-61,
1947.
- Ferguson et al., La. Ext. B. 7:14-21,
1947. (Repr.)
- Mills & Dewey, N. Y. (C.) Ext. B. 711:
63-65, 68-71, 1947.
- PEACH INSECTS--Continued.
Powell & Chandler, Ill. Fruit Exch.
News 10(9):2, 1946.
- Powell et al., Ill. Ext. C. 568 rev. 19-
22, 1946; 610:19-23, 1947.
- Ruth et al., Ill. St. Hort. Soc. Trans.
78:55-56, 1945.
- i Snapp, Amer. Fruit Grow. 67(2):7,
16, 1946.
- Steiner, Mountaineer Grow. 16(161):
3-9, 1946.
- Steiner, Pa. St. Hort. Assoc. P. 87:
32-34, 36-38, 40-42, 1946.
- Teske, Va. Fruit 33(1):159-160, 1945.
- Watson, Fla. Grow. 54(1):14-15, 1946.
- PEACH INSECTS - CONTROL - COL-
LECTING PEACH DROPS
i Snapp, Tenn. St. Hort. Soc. P. 41:30-
31, 1947.
- PEACH INSECTS - FUMIGANTS - IN-
JURY TO TREES
Smith & Veerhoff, J. Ec. Ent. 40:588,
1947.
- PEACH INSECTS - INSECTICIDES
Garman, Conn. Pom. Soc. P. 55:22,
25, 1946.
- Jones et al., Oreg. C. Inform. 406 2-
4, 1947.
- Powell & Chandler, Ill. St. Hort. Soc.
Trans. 79:371-378, 1946.
- Sanders, La. Ext. C. 259 15-21, 1946.
- i Smith, Cal. Ext. C. 98 rev. 46-52,
1946.
- i Talbert, Mo. B. 509 27-29, 32-35,
1947.
- Trullinger et al., USDA OES R. f
1945/46:109, 1947.
- Wingo, Mo. St. Hort. Soc. Hort. News
7(1):1-2, 1947.
- PEACH INSECTS - INSECTICIDES -
DDT
i Blackburn & Weaver, Ohio St. Hort.
Soc. P. 100:26-41, 1947.
- Martin, N. J. R. 67 43, 1947?
- Robinson, Oreg. C. Inform. 412:2-3,
1947.
- Snapp, Amer. Fruit Grow. 66(2) 24,
1946.
- Stanley, Tenn. St. Hort. Soc. P. 40:
93-94, 1946.
- PEACH INSECTS - SPRAYS
Campbell, R. I. R. 59:25, 1947.
- Graham & Cory, Cumberland-Shenan-
doah Fruit Workers' Conf. P. 23:
[18-19], 1946.
- i Graham et al., Md. Ext. B. 112:30-
46, 1946.
- Peterson, Peninsula Hort. Soc. Trans.
60:82-84, 1947.
- Rollins, Conn. Ext. B. 369:9-10, 1945.
- Sherwood, W. Va. Ext. C. 320 rev. 28-32,
1946.
- Steiner, J. Ec. Ent. 38:117-119, 1945.
- Wade, Ill. St. Hort. Soc. Trans. 79:
171-172, 1946.
- PEACH INSECTS - SPRAYS - DDT
Price, USDA EPQ Recom. or Sugges-
tions on the Use of DDT for Apple
Spraying in 1946:9, 1946.
- PEACH INSECTS - SURVEYS
Cooper, Ky. R. 57:30, 1945; 59:47,
1947.

PEACH INSECTS - TENNESSEE

bi Marcovitch & Stanlev, Tenn B
195, 23 p., 1945

PEACH INSECTS & PEACH DEFORMITIES

- Annand, USDA EPQ R f 1946/47:11-12, 49.
Chandler, Ill St. Hort Soc News Let 5:1-2, 1946
Chandler, Ill. St Hort Soc Trans 78 340-345, 1945; 79-133-134, 1946, 80 140-141, 255-266, 1947
Chandler, Tenn Hort , Aug 15, 1946-5
Fenton & Brett, Okla Acad Sci P 27:34-37, 1947
b Fenton et al., Okla Acad Sci Proc. 25:34-37, 1945.
i Graham et al., Md Ext B 105 28-29, 1945; 112 36-37, 1946
Powell et al., Ill Ext C 568 rev 20, 1946; 610-20, 1947
Ritcher, Ky Fruit Notes 3(3) 2, 1946
i Ross & Putnam, Can Dept Agr Div Ent Processed Pub. 43, 3 p., 1946
Snapp, Ind Hort Soc Trans 86 98-104, 1947
i Snapp, J Ec Ent 40:135-136, 1947
Wingo, Mo St Hort Soc Hort News 7(11) 1-2, 1947
Woodside, Va R f 1945/46 37, f 1946/47 32-33
Woodside, Cumberland-Shenandoah Fruit Workers' Conf P 23[22], 1946
i Woodside, J Ec Ent 39:158-161, 1946
i Woodside, Va. B 389, 15 p., 1946
b Woodside, J Ec Ent 40 231-233, 1947
Woodside, Va Acad Sci. P 25-77, 1947. (Abs.)
Woodside, Va Fruit 35(8).14-15, 1947.

PEACH INSECTS & PLANT DISEASE - CANKER

Hildebrand, N Y (C) M 276 45-46, 1947

PEACH INSECTS & PLANT DISEASE - MOSAIC

Annand, USDA EPQ R f 1943/44:32-33
Christenson, Ent. Soc. Wash P. 49:174, 1947 (Abs.)

PEACH INSECTS & PLANT DISEASE - PEACH YELLOWS

Bentley, Tenn. Dept. Agr. Bien. R. f. 1944/46:126-127.

PEACH INSECTS & PLANT DISEASE - PHONY PEACH

Annand, USDA EPQ R. f. 1943/44:32-33.
Christenson, Ent. Soc. Wash. P. 49:174, 1947. (Abs.)
Douglass, Mo. St Dept Agr. Bien. R f. 1945/47:40.

*PEACH SILVER MITE, see VASATES CORNUTUS (Banks)

*PEACH TREE BORER, see SANNINOIDEA EXITIOSA (Say)

*PEACH TWIG BORER, see ANARSIA LINEATELLA Zell.

PEACH YELLOWS, see under genus MACROPSIS, and PEACH INSECTS & PLANT DISEASE - PEACH YELLOWS

PEANUT INSECTS

- Bissell, Amer. Assoc. Ec. Ent Cotton Sts. Branch P 19:88, 1945
Grayson, Va. R f 1945/46:37; f. 1946/47:32
King, Ga Coastal Plain B 44:44-45, 1947
b Poos et al., J Ec Ent 40:901-905, 1947
Ruffin, Ala. Ext Handb. Ala Agr. ed 4 104, 1947
Va Ext. B 97 rev :44, 1947

PEANUT INSECTS, see also STORED PRODUCTS INSECTS - PEANUTS
PEANUTS INSECTS & TEMPERATURE

i Woodroof et al., Refrig Engin 53 124-127, 152, 1947

PEANUT ROSETTE, see APHIS LABURNI & PEANUT ROSETTE

PEANUT WORM, see ANTICARSIA GEMMATILIS (Hbn.)

*PEAR BORER, see THAMNOSPHECIA PYRI (Harr.)

PEAR BUD MITE, see ERIOPHYES PYRI (Pgst.)

PEAR INSECTS

- i Banta, Amer Fruit Grow 65(2) 14, 1945
Borden, Blue Anchor 23(1) 19-20, 22, 1946
Dewey, N Y. St Hort Soc P 90:42, 1945, 91:86-87, 1946, 92 59-60, 1947
Garman, Conn Pom Soc P. 55-22, 1946
Mills & Dewey, N Y (C) Ext. B 711:46-54, 1947
Robinson, Oreg C Inform 412:2-3, 1947
Steinweden, Cal. Dept Agr. B 34:182, 1946
Oreg. C. Inform 411:3-4, 1947

*PEAR LEAF BLISTER MITE, see ERIOPHYES PYRI (Pgst.)

*PEAR MIDGE, see CONTARINIA PYRIVORA (Riley)

*PEAR PLANT BUG, see NEOLYGUS COMMUNIS (Kngt.)

*PEAR PSYLLA, see PSYLLA PYRICOLA Foerst.

*PEAR RUST MITE, see EPITRIMERUS PYRI (Nal.)

*PEAR-SLUG, see CALIROA CERASI (L.)

*PEAR THRIPS, see TAENIOTHRIPS INCONSEQUENS (Uzel)

*PECAN BUD MOTH, see GRETCHENA BOLLIANA (Sling.)

*PECAN CARPENTERWORM, see COSULA MAGNIFICA (Stkr.)

*PECAN CIGAR CASEBEARER, see COLEOPHORA CARYAEFOLIELLA Clem.

PECAN INSECTS

- i Bissell & Firor, Ga. Ext. B. 501 rev :17-26, 1947.
Bower, Okla. Pecan Grow. Assoc. P. f. 1947:32.

PECAN INSECTS--Continued.

- Cross, Okla. Pecan Grow Assoc. P f. 1945:69-70.
 b1 Musser et al., S. C. Ext. C. 301:4, 12, 21-25, 29-37, 1947
 Phillips & Cole, Fla. B. 411 rev -5-33, 1947.
 Rosborough et al., Tex. Ext. B. 120 rev.:67-71, 1946
 USDA Tree Nuts Advisory Com, Rpt. & Recom. under Res & Mktg Act of 1946:3-4, 1947
 *PECAN LEAF CASEBEARER, see ACROBASIS JUGLANDIS (LeB)
 PECAN LEAF MINER, see CAMERARIA CARYAEFOLIELLA (Clem.)
 PECAN NURSERY CASEBEARER, see ACROBASIS CARYIVORELLA Rag.
 *PECAN NUT CASEBEARER, see ACROBASIS CARYAE Grote
 *PECAN PHYLLOXERA, see PHYLLOXERA DEVASTATRIX Perg.
 PECAN SHUCK WORM, see LASPEYRESIA CARYANA (Fitch)
 *PECAN WEEVIL, see CURCULIO CARYAE (Horn)
 PECTINOPHORA GOSSYPIELLA (Saund) (PINK BOLLWORM)*
 Anderson, USDA R. Sec. f. 1946 147-148.
 Annand, USDA EPQ R. f. 1943/44:17, 47-50, f. 1945/46:56, 60.
 Curl, USDA EPQ Ins Pest Surv. Sum of Ins Conditions in 1945:14-15, 1946
 Curl & Chapman, USDA EPQ Ins Pest Surv. Sum. of Ins Conditions in 1944:13, 1945.
 Flock, Ariz St Ent R. f. 1944:22, 1945
 Knight, U. S. Off. Foreign Agr. Relat Agr. in the Amers. 5 52, 1945
 Lauderdale, Ariz. St. Ent R f. 1945/46:22
 Martorell, P. R. Univ. J. Agr. 29:541-543, 1945.
 Roque, P. R. (Rio Piedras) R f. 1943/44:32, 1946.
 PECTINOPHORA GOSSYPIELLA - CONTROL
 Annand, Southeast. Cotton Ins. Control Conf. R. P. 1:7-8, 1947.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:13, 1947.
 PECTINOPHORA GOSSYPIELLA - CONTROL - APPROPRIATIONS
 1 Chitwood, Cotton Digest 18(32):18-19, 1946.
 PECTINOPHORA GOSSYPIELLA - CONTROL - COOPERATION WITH MEXICO
 Annand, USDA EPQ R. f. 1943/44:49; f. 1945/46:57, 1947.
 Campbell, Cotton & Cotton Oil Press 46(20):11, 14-15, 1945.
 Delgado de Garay, J. Ec. Ent. 39:95-98, 1946.
 PECTINOPHORA GOSSYPIELLA - CONTROL - TRASH INSPECTION
 Annand, USDA EPQ R. f. 1944/45:38-39.

- PECTINOPHORA GOSSYPIELLA - CONTROL - WILD COTTON
 Annand, USDA EPQ R. f. 1944/45:39.
 PECTINOPHORA GOSSYPIELLA - ERADICATION
 Anderson, La. Commr. Agr. & Immigr. Bien. R. 32:83, 1946.
 Lyle, J. Ec. Ent. 40:2, 1947.
 Mendenhall, Ariz. St. Ent. R. f. 1946/47:19-20.
 PECTINOPHORA GOSSYPIELLA - FOOD & HOST PLANTS
 Annand, USDA EPQ R. f. 1943/44:17.
 Chapman & Moreno, J. Ec. Ent. 38:583-584, 1945
 Fife et al., J. Ec. Ent. 40:544, 1947.
 PECTINOPHORA GOSSYPIELLA - INSECTICIDES
 Annand, USDA EPQ R. f. 1944/45:15-16, f. 1945/46:6-7, 19-20, f. 1946/47:14
 Loftin, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:80-81, 1945
 PECTINOPHORA GOSSYPIELLA - INSECTICIDES - DDT
 Loftin, USDA EPQ E-657:1, 4, 1945.
 PECTINOPHORA GOSSYPIELLA - INTERCEPTION - AIRCRAFT
 Annand, USDA EPQ R. f. 1946/47:68
 Cooley, J. Ec. Ent. 40:130, 1947.
 PECTINOPHORA GOSSYPIELLA - MEXICO
 Gomez, Fitófilo 4:135, 138-141, 1945
 PECTINOPHORA GOSSYPIELLA - OVERWINTERING
 1 Shiller, USDA EPQ ET-226, 6 p., 1945
 PECTINOPHORA GOSSYPIELLA - OVERWINTERING & CARRY-OVER
 b1 Fife et al., J. Ec. Ent. 40 540-545, 1947.
 PECTINOPHORA GOSSYPIELLA - PUERTO RICO
 Catoni, P. R. Agr. y. Com. Inform. f. 1945/46:91-93, 1947.
 PECTINOPHORA GOSSYPIELLA - QUARANTINE
 Annand, USDA EPQ R. f. 1944/45:56-58; f. 1945/46:54-57, f. 1946/47:62-65.
 Annand, USDA EPQ SRA 161:92-93; 163:23-27, 1945.
 Hoyt, USDA EPQ SRA 166:17-21, 1947.
 Wickard, USDA EPQ SRA 161:81-92, 1945.
 PECTINOPHORA GOSSYPIELLA - SURVEYS
 Annand, USDA EPQ R. f. 1944/45:38-39.
 Armitage et al., Cal. Dept. Agr. B. 34:171, 1946; 35:196, 1947.
 PECTINOPHORA GOSSYPIELLA - TEXAS
 Curl, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:78-80, 1945. (Abs.)
 Curl, Cotton & Cotton Oil Press 47(9):34-35, 38, 1946.
 PEDICINUS ALBIDUS (Rudow) (MONKEY LOUSE) & TYPHUS
 Blanc & Woodward, Amer. J. Trop. Med. 25:33-34, 1945.

PEDICINUS LONGICEPS Piaget & TYPHUS

Blanc & Woodward, Amer J Trop Med. 25:33-34, 1945.

PEDICULOIDES AMERICANUS (Banks) Crandall & Tate, Amer Soc Agron J. 39 163, 1947.

PEDICULUS HUMANUS

Daley & Bailor, U. S. Navy Hosp Corps Quart 19(4) 15, 1946

PEDICULUS HUMANUS & TYPHUS

i Riehl, Pest Control & Sanit 1(7) 18-19, 28-30, 1946

b Smadei et al., U. S. Dept. Com Off Pub Bd R 242 6,9-10,13-16, 1945

PEDICULUS HUMANUS CAPITIS Deg, see **PEDICULUS HUMANUS HUMANUS L**

PEDICULUS HUMANUS CORPORIS Deg (BODY LOUSE)*

Annand, New Internatl. YB 1944:295, 1945

b Busvine, Medicina Rev Mex 21 252-261, 1946

i Cameron, Parasites of Man ed 2: 148-154, 1946

Flock, Ariz St. Ent R f 1944 21, 1945

Mitchener, Manitoba Dept Agr & Immigr Pub 213-1-3, 1947

PEDICULUS HUMANUS CORPORIS - DUSTS

b Bushland et al., Soap & Sanit Chem 21(11) 119,121, 1945

Haller, Indus & Engin Chem Indus ed 39 470-471, 1947

PEDICULUS HUMANUS CORPORIS - DUSTS - DDT

b Bushland et al., J Ec Ent 38 210-217, 1945

Dove, USDA EPQ E-673 1, 1945

Eddy & Carson, J Ec Ent 39 759-762, 1946.

Eddy et al., USDA EPQ E-685 1-3, 1946

Mote, Oreg. C Inform 389 5, 1946.

Warrick, Water & Sewage Works 93 331, 1946

PEDICULUS HUMANUS CORPORIS - FUMIGANTS

i Latta et al., USDA C 745,40 p, 1946.

Stone & LaHue, J Ec Ent. 39:581-588, 1946.

PEDICULUS HUMANUS CORPORIS - IN-SECTICIDES

Eddy & Bushland, U. S. Navy BUMED News Let. 9(2):7-8, 1947.

b Eddy & Carson, J. Ec. Ent. 39:763-767, 1946.

i Eddy et al., USDA EPQ E-733-4-7, 14-15,20-235, 1947.

b Knippling, Pests 15(2):12,14, 1947.

Payne et al., Reunion Interamer. del Tifo Pub. Ofic. 1:257-260, 1947.

Richardson, Pests 15(9):20-21, 1947.

b Shelanski et al., Arch. Dermat & Syph. 51:180-181, 1945.

b Stage & Knippling, Reunion Interamer. del Tifo Pub. Ofic. 1:276-279,284-285, 1947.

USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:50-56, 1946.

PEDICULUS HUMANUS CORPORIS - IN-SECTICIDES - DDT

b Cristol et al., Science 104:343-344, 1946

bi Jones et al., J Ec Ent. 38 217-223, 1945

Knippling, J Ec Ent 39:362-363, 1946

Knippling, USDA YB f 1943/47 633

PEDICULUS HUMANUS CORPORIS - IN-SECTICIDES - HOST-ADMIN-ISTERED

Annand, USDA EPQ R f 1946/47:18

Knippling, Iowa St Col J Sci 22 47-49, 1947

PEDICULUS HUMANUS CORPORIS - OVICIDES

Eddy, J Ec. Ent 40 116-118, 1947

PEDICULUS HUMANUS CORPORIS - REACTION TO BLOOD OF GUINEA PIG

Cabasso, Soc Expt. Biol. & Med. P 64:437-439, 1947

PEDICULUS HUMANUS CORPORIS - REARING

b Culpepper, J. Ec Ent. 39 472-474, 1946.

PEDICULUS HUMANUS CORPORIS - REARING ON RABBITS

Annand, USDA EPQ R f 1945/46:14, f 1946/47:36.

Culpepper, J Ec Ent. 39:660, 1946

PEDICULUS HUMANUS CORPORIS & LEG ULCERS

i Morris, N. Eng J Med 233 180, 1945

PEDICULUS HUMANUS CORPORIS & TYPHUS

Beck & Van Allen, Amer J. Hyg 45: 336-337, 1947.

bi Snyder & Wheeler, J. Expt Med 82:1-20, 1945

PEDICULUS HUMANUS CORPORIS & TYPHUS - MASS INFECTION

Cabasso, Soc Expt. Biol. & Med P. 64:439-440, 1947

PEDICULUS HUMANUS HUMANUS L (HEAD LOUSE)*

b Busvine, Medicina Rev Mex 21 252-261, 1946.

i Cameron, Parasites of Man ed 2 149-153, 1946.

Davis & Hansens, Amer. J Hyg 41 1-4, 1945.

Hansens, Amer. J Hyg. 41:5-6, 1945.

Mitchener, Manitoba Dept. Agr. & Immigr. Pub 213-1-3, 1947.

b Molner, Amer. J. Pub Health 35 1302-1304, 1945.

Sievers, Ill Health Messenger 18:13, 15, 1946

PEDICULUS HUMANUS HUMANUS - DUSTS - DDT

Cowan et al., Amer. J. Trop. Med. 27:67-68, 1947.

Dove, USDA EPQ E-673:2, 1945.

Kaiser, Amer. J. Pub. Health 36: 1133-1134, 1946.

Mote, Oreg. C. Inform. 389:5, 1946

Warrick, Water & Sewage Works 93: 331, 1946.

- PEDICULUS HUMANUS HUMANUS** - INSECTICIDES
b Eddy, J. Invest. Dermat. 7:85-91, 1946.
Eddy et al., USDA EPQ E-685:1,3-4, 1946.
Payne et al., Reunion Interamer. del Tifo Pub. Ofic. 1:257-260, 1947.
Richardson, Pests 15(9):22, 1947.
b Shelanski et al., Arch. Dermat & Syph. 51:180-181, 1945.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:56-57, 1946.
- PEDICULUS HUMANUS HUMANUS** - INSECTICIDES - DDT
b Bushland et al., J. Ec. Ent. 38:210, 216, 1945.
Knippling, USDA YB f. 1943/47:633-634.
Knippling, J. Ec. Ent. 39:363, 1946.
- PEDICULUS HUMANUS HUMANUS** & DERMATITIS
i Ronchese, N. Eng. J. Med. 234:665-666, 1946.
- PEDICULUS HUMANUS HUMANUS** & TYPHUS
Beck & Van Allen, Amer. J. Hyg. 45:336-337, 1947.
- PEDIPALPIDA**. see WHIP-SCORPIONS
- PEET-GRADY METHOD**, see ENTOMOLOGICAL TECHNIQUE - TESTING SPRAYS - PEET-GRADY METHOD
- PEGOMYA FUSCICEPS** Zett., see HY-LEMYA CILICRURA (Rond.)
- PEGOMYA HYOSCYAMI** (Panz.) (SPIN-ACH LEAF MINER)*
Bird & Mitchener, Can. Ins. Pest Rev. 24:70, 1946.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:37-38, 1947.
Lange, Spreckels Sugar Beet Bul. 11:3, 1947.
Manson et al., Can. Ins. Pest Rev. 24:95, 1946; 25:41-42, 1947.
Wressell, Can. Ins. Pest Rev. 24:56, 1946.
- PEGOMYA RUBIVORA** (Coq.) (RASP-BERRY CANE MAGGOT)*
Cutright & Vogel, Ohio St. Hort. Soc. P. 78:159, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:17, 1946.
Slate et al., N. Y. (G.) C. 153 rev.:59, 1945.
- PELIDNOTA PUNCTATA** (L.)
b Adrien Robert, Frère, Quebec Soc. Protect. Plants R. 30:189-191, 1947.
- PELIDNOTA PUNCTATA** - LARVAE, 3d STAGE
bi Ritcher, Ky. B. 471:10-11, 1945.
- PELLENES** sp.
Fautin, Ecol. Monog. 16:269, 1946.
- PELLICIA BROMIAS** Godm. & Salv.
Freeman, Can. Ent. 77:201, 1945.
- PELLICIA COSTIMACULA** H.-S. - TEXAS
Freeman, Ent. News 58:185, 1947.
- PELONUM FASCIATUM** (Lec.) - LONGEVITY
Linsley & MacSwain, Pan-Pac. Ent. 22:18, 1946.
- PEMPHIGUS** Htg.
Knowlton, Bklyn. Ent. Soc. B. 41:166, 1946.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:71, 1947.
- PEMPHIGUS** sp.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:57, 1945; f. 1945:58, 1946.
Peterson, Can. Ins. Pest Rev. 24:106, 1946.
- PEMPHIGUS BETAE** Doane (SUGAR-BEET ROOT APHID)*
i Lange, Spreckels Sugar Beet Bul. 11:7, 1947.
Manson & Stirrett, Can. Ins. Pest Rev. 25:42, 1947.
Manson et al., Can. Ins. Pest Rev. 24:94-95, 1946.
Schwing, Cal. Cult. 92:398-399, 1945.
- PEMPHIGUS POPULI-TRANSVERSUS** Riley (TRANSVERSE POPLAR GALL APHID)
Manson et al., Can. Ins. Pest Rev. 24:100, 1946.
Peterson, Can. Ins. Pest Rev. 24:106, 1946.
- PEMPHILIDINI**, see CRABRONINI
- PENNSYLVANIA WOOD ROACH**, see PARCOBLATTA PENNSYLVANICA (Deg.)
- PENTAGRAMMA** Van D
nik Penner, Kans. Ent. Soc. J. 20:30-39, 1947.
- PENTALONIA NIGRONERVOSA** Coq.
Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Ser. 4:73, 1947.
- PENTALONIA NIGRONERVOSA** & VIRUS DISEASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552, 557, 571, 575-576, 1946.
- PENTANEURA** Philippi - NORTH AMERICA
bnik Johannsen, N. Y. Ent. Soc. J. 54:267-289, 1946.
- PENTATOMIDAE**
Esselbaugh, Biol. Pentatomidae (Hem.), 8 p., 1945. (Abs.)
Musser et al., S. C. Ext. C. 301:25, 1947.
bi Schrader, Biol. Bul. 88:63-70, 1945.
- PENTATOMIDAE** - EGGS
bik Esselbaugh, Ent. Soc. Amer. Ann. 39:667-691, 1946.
- PENTATOMIDAE** - INSECTICIDES
Snapp, Ind. Hort. Soc. Trans. 86:98-100, 1947.
- PENTATOMIDAE** - INSECTICIDES - DDT
Annand, USDA EPQ R. f. 1945/46:7.
Loftin, USDA EPQ E-657:5, 1945.
- PENTATOMIDAE** & KERNEL SPOT OF PECAN
Bissell & Floror, Ga. Ext. B. 501 rev.:19, 1946; rev.:19, 1947.
- PENTATOMIDAE** & PEACH DEFOR-MITIES
Woodside, Va. Fruit 35(8):15, 1947.

PENTATOMIDAE & SEED PRODUCTION - SUGAR BEET

Annard, USDA EPQ R. f. 1944/45-13

PENTHALEIDAE

nik Baker, Wash Acad Sci. J 36-421-425, 1946

PENTHALEUS MAJOR (Dugès) - WHEAT

Knowlton, J. Ec. Ent. 40:754-755, 1947.

PEONY INSECTS

Parks & King, Ohio Ext B 76 rev 31, 1947.

PEONY SCALE, see PSEUDAONIDIA

PAEONIAE Ckll

***PEPPER AND SALT MOTH, see BISTON COGNATARIA (Guen)**

PEPPER INSECTS

Annard, USDA EPQ R. f. 1944/45 29-30

i Parks & King, Ohio Ext B 76 rev 32, 1947

***PEPPER WEEVIL, see ANTHONOMUS EUGENII Cano**

***PEPPERGRASS BEETLE, see GALERUCA BROWNII Blake**

PEPPERGRASS INSECTS - TEXAS (SOUTHWESTERN)

bi Romney, Ecology 27:258-262, 1946

PEPSIS F

Carr, Desert Parade-65, 1947

PERDITA Smith

nk Timberlake, Ent Soc Wash P 49 81-84, 1947

PEREGRINUS MAIDIS (Ashm) (CORN LANTERNFLY)

Brooks & Anderson, J Ec Ent 40 224-225, 228, 1947

PEREGRINUS MAIDIS & MOSAIC OF CORN

Jensen, Hawaiian Ent. Soc P 12 542, 544, 552, 557, 559-563, 1946

PEREGRINUS MAIDIS & STUNT OF CORN

Kunkel, Natl Acad. Sci P 32-246, 1946

PERFORADIX SACCHARI Sein

Plank, P R (Mayaguez) R f. 1945:38, 1946.

PERIBALUS LIMBOLARIUS Stål - EGGS

i Esselbaugh, Ent. Soc Amer Ann 39: 677, 1946

PERICHARES CORIDON (F.), see PERICHARES PHOCION (F.)

PERICHARES PHOCION (F.)

Martorell, P. R. Univ J. Agr 29-494-495, 1945.

Scaramuzza, Inst. Cubano de Suelos y Abonos 5 838-839, 1946

Scaramuzza, in Cuba Min Agr. Estac. Expt Caña de Azúcar (Havana).

Caña de Azúcar in Cuba:549, 1946.

PERICHARES PHOCION DOLORES

(Reak)

Freeman, Ent. News 56:5, 1945.

PERICOMA - Wlkr. - IDENTIFICATION

bi Rapp, N Y. Ent. Soc. J. 55:169-171, 1947

PERIDINETUS CONCENTRICUS (Oliv.)

Martorell, P. R. Univ. J. Agr. 29. 465, 1945.

PERIDROMA MARGARITOSA (Haw.) (VARIEGATED CUTWORM)*

i Bohart, Hilgardia 17:298-299, 1947.

Flock, Ariz St Ent R f 1944-17, 1945

Hoffmann, J Ec. Ent 38 357, 1945

i Lange, Spreckels Sugar Beet Bul. 11: 5, 1947.

i Lincoln & Isely, Ark. Ext C 436-6-10, 1945

Muma, Neb. Ext C 1537-17, 1946.

Ryan, Los Angeles Co. Cal. Agr.

Commr R f. 1944/45-9

i Walton, USDA FB 739 rev 7 p., 1946

Walton & Packard, USDA FB 1850 rev 7, 1947.

PERIDROMA MARGARITOSA - CANADA

Cannon, Can Ins Pest Rev. 24:11,

1946, 25-6, 1947

Neary, N S Dept. Agr & Mktg R. f. 1945/46-91, 1947

Thompson, Can. Ins Pest Rev. 24-36, 1946

Wressell, Can Ins Pest Rev 24 54, 1946.

PERIDROMA MARGARITOSA - DISEASES

Steinhaus, Science 106 323, 1947

PERIDROMA MARGARITOSA - INSECTICIDES

Bottger & Levin, USDA EPQ E-738 2, 6, 1947

Laurie & Kiplinger, Gard & Greenhouse Chrysanthemums-64, 1946.

Marcovitch & Stanley, Tenn R 58

115-116, 1946

Wilcox & Howland, USDA EPQ E-699-1, 4, 6-8, 1946.

PERILAMPUS CAPITATUS Smulyan

Jaynes & Marucci, J Ec. Ent 40 11-12, 1947.

PERILAMPUS CHRYSOPAE Cwfd.

bi Clancy, Cal Univ Pub Ent. 7-440-448, 1946

PERILAMPUS FULVICORNIS Ashm

Boyce, Quebec Soc. Protect. Plants R 30-98, 1947

Poos & Hetrick, J Ec. Ent. 38-315, 1945

PERILAMPUS SIMILIS Cwfd.

Satterthwait & Swain, J Ec. Ent. 39-580, 1946.

PERILAMPUS TRISTIS Mayr

Boyce, Quebec Soc. Protect. Plants R. 30-98, 1947.

PERILLUS BIOCOLATUS (F.) - EGGS

i Esselbaugh, Ent. Soc. Amer. Ann. 686-687, 1946.

PERIMEGATOMA JAYNEI Casey

Linsley, Pests 14(7):14, 1946.

PERIMEGATOMA VARIEGATA Horn

Linsley, Pests 14(7):14, 1946.

***PERIODICAL CICADA, see MAGICICADA SEPTENDECIM (L.)**

PERIPATUS Guild. - BARRO COLORADO ISLAND, C. Z.

Hilton, J Ent. & Zool. 38:27, 1946.

PERIPATUS - PHYSIOLOGY

b Morrison, Biol. Bul. 91.181-188, 1946.

- PERIPHYLLUS AMERICANUS** (Baker)
Knowlton, Kans. Ent. Soc. J. 20:25,
1947.
- PERIPHYLLUS LYROPICTUS** (Kess.)
(NORWAY-MAPLE APHID)*
Davis, Ind. Acad. Sci. P. 56:151-152,
1947?
- PERIPHYLLUS NEGUNDINIS** (Thos.)
(BOXELDER APHID)* (MANITOBA
MAPLE APHID)
Bird & Mitchener, Can. Ins. Pest Rev.
24:71, 1946.
Flock, Ariz. St. Ent. R. f. 1944:20,
1945
Knowlton, Kans. Ent. Soc. J. 20:25,
1947.
Manson et al., Can. Ins. Pest Rev. 24:
99, 1946.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:55, 1945,
f. 1945:56, 1946.
Peterson, Can. Ins. Pest Rev. 24:107,
1946
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:68, 1947.
Peterson et al., Can. Ins. Pest Rev. 25:
69, 1947
- PERIPHYLLUS PALMERAE** Knowlt.
n Knowlton, Kans. Ent. Soc. J. 20:24-
25, 1947.
- PERIPHYLLUS POPULICOLA** (Thos.)
Knowlton, Kans. Ent. Soc. J. 20:25,
1947.
- PERIPHYLLUS POPULICOLA BRUNERI**
(Williams)
Knowlton, Kans. Ent. Soc. J. 20:25, 1947.
- PERIPHYLLUS SALICINIGRA** Knowlt.
Knowlton, Kans. Ent. Soc. J. 20:25, 1947.
- PERIPLANETA AMERICANA** (L.)
(AMERICAN COCKROACH)*
1 Cotton et al., USDA C. 720:19, 1945
Lauderdale, Ariz. St. Ent. R. f.
1945/46:22.
McDaniel, J. Milk Technol. 8:340-341,
1945
1 Ostrolenk & Kramer, Baker's Digest
21:63, 1947.
1 Rehn, Sci. Month. 61:269-271, 1945.
Strickland, Can. Ins. Pest Rev. 25:119,
1947
1 U. S. Camera 8(1) 36, 1945.
- PERIPLANETA AMERICANA - AERO-**
SOLS - DDT
b Smith & Goodhue, J. Ec. Ent. 38:177-
178, 1945.
Smith et al., Agr. Chem. 2(12):61, 1947.
- PERIPLANETA AMERICANA - BACTE-**
RIA - EFFECT OF PENICILLIN &
SULFA DRUGS
b Glaser, J. Parasit. 32:483-489, 1946.
- PERIPLANETA AMERICANA - BACTE-**
ROIDS, INTRACELLULAR
bi Gier, J. Bact. 53:173-189, 1947.
- PERIPLANETA AMERICANA - BIO-**
CHEMISTRY - EFFECT OF DDT
b Merrill et al., J. Cell. & Compar.
Physiol. 28:465-476, 1946.
- PERIPLANETA AMERICANA - BIO-**
NOMICS
Gould & Deay, Pest Control & Sanit.
1(9):12-13, 15, 1946.
- PERIPLANETA AMERICANA - BLOOD**
& TOXICOLOGY
Patton et al., N. Y. (C.) R. 59:123-124,
1947.
- PERIPLANETA AMERICANA - CAM-**
PANIFORM ORGANS - EFFECT
OF DDT
Roeder, Anat. Rec. 96:499, 1946
(Abs.)
- PERIPLANETA AMERICANA - CHEM-**
ORECEPTORS - MOUTHPARTS
bi Frings, J. Expt. Zool. 102:23-50,
1946
- PERIPLANETA AMERICANA - CYTO-**
CHROME OXIDASE SYSTEM -
EFFECT OF DDT
Munson & Yeager, J. Ec. Ent. 38:618,
1945
- PERIPLANETA AMERICANA - DUSTS**
Gertler, USDA EPQ E-705:2, 1946
McGovran & Piquett, Soap & Sanit.
Chem. 22(8) 157, 159, 181, 1946.
b Piquett et al., J. Ec. Ent. 40:577-
578, 1947.
Schwitzgebel, Soap & Sanit. Chem.
22(5):131-133, 1946
- PERIPLANETA AMERICANA - DUSTS -**
DDT
Dutsch & Smith, La. R. f. 1944/45:64-
65, 1946.
b Sweetman, Soap & Sanit. Chem.
21(12):141, 142, 145, 1945.
- PERIPLANETA AMERICANA - FOOD -**
EFFECT ON PROTOZOA
Armer, Tex. Acad. Sci. P. & Trans
28:93, 1945. (Abs.)
- PERIPLANETA AMERICANA - FUMI-**
GANTS
1 Parker, Food Indus. 18:334-335,
1946.
- PERIPLANETA AMERICANA - GROWTH**
RATE
b Gier, Ent. Soc. Amer. Anh. 40:303-
317, 1947.
- PERIPLANETA AMERICANA - HABITS**
& BEHAVIOR - LEARNING
bi Minami & Dallenbach, Amer. J.
Psychol. 59:1-58, 1946.
- PERIPLANETA AMERICANA - HOST OF**
MONILIFORMIS DUBIUS
bi Moore, J. Parasit. 32:257-271,
1946.
- PERIPLANETA AMERICANA - INSEC-**
TICIDES
Annand, USDA EPQ R. f. 1943/44:26,
f. 1946/47:18.
Bottger & Levin, USDA EPQ E-738:1,
3, 7-8, 1947.
Dews & Morrill, J. Ec. Ent. 39:352-
353, 1946
Gould, Ind. R. 58:56, 1945
Gould, Milk Plant Month. 35(7):54-55,
1946.
Kearns et al., J. Ec. Ent. 38:665-666,
1945.
b Knipling, Pests 15(2):10, 12, 14, 1947.
Mayer & Gahan, USDA EPQ E-646:4,
13-14, 1945.
Plank, P. R. (Mayaguez) R. f. 1945:24,
1946.
Savit et al., Soc. Expt. Biol. & Med. P.
62:44-46, 1946.

- PERIPLANETA AMERICANA - INSECTICIDES--Continued.
Swingle et al., USDA EPQ E-634, 23 p., 1945
- PERIPLANETA AMERICANA - INSECTICIDES - DDT
Henderson, Soap & Sanit. Chem. 22(11) 123, 1946
Henderson, USDA EPQ E-701 6-7, 1946
b Stenbure, U. S. Pub. Health Rpts 62 669-677, 679-681, 1947
Tobias et al., J. Pharm. Expt. Ther. 86 288-292, 1946
U. S. Army Med. Dept. Bul. 89 16-17, 1945
- PERIPLANETA AMERICANA - INSECTICIDES - DOSAGE & SURVIVAL
b Munson & Yeager, J. Ec. Ent. 38 634-642, 1945
b Munson & Yeager, Ent. Soc. Amer. Ann. 40 475-488, 1947.
b Yeager & Munson, Ent. Soc. Amer. Ann. 38 561-600, 1945, 39 145-151, 1946
- PERIPLANETA AMERICANA - MID-GUT
b Shay, Ent. Soc. Amer. Ann. 39 165-169, 1946
- PERIPLANETA AMERICANA - MUSCLES - METABOLISM
Tahmian & Guzman Barrón, Anat. Rec. 99 580-581, 1947. (Abs.)
- PERIPLANETA AMERICANA - MUSCLES, THORACIC
b Carbonell, Smithson Inst. Misc. Collect. 107(2) 1-23, 1947
- PERIPLANETA AMERICANA - NERVOUS SYSTEM
b McIndoo, J. Compar. Neurol. 83 143-148, 1945
Roeder, Ant. Rec. 96 504, 1946. (Abs.)
- PERIPLANETA AMERICANA - NERVOUS SYSTEM - EFFECT OF ANTICHOLINESTERASES
b Chadwick & Hill, J. Neurophysiol. 10 235-246, 1947
b Roeder et al., J. Neurophysiol. 10 1-10, 1947
- PERIPLANETA AMERICANA - NERVOUS SYSTEM - EFFECT OF INSECTICIDES
Munson & Yeager, J. Ec. Ent. 38 618, 1945
- PERIPLANETA AMERICANA - NERVOUS SYSTEM - EFFECT OF INSECTICIDES - DDT
Roeder, Anat. Rec. 96 499, 1946. (Abs.)
b Roeder & Weiant, Science 103:304-306, 1946.
Tobias & Kollros, Anat. Rec. 94 421, 1946. (Abs.)
b Tobias & Kollros, Biol. Bul. 91: 247-255, 1947.
b Tobias et al., J. Cell. & Compar. Physiol. 28 159-182, 1946.
Yeager & Munson, Science 102:305-307, 1945.
- PERIPLANETA AMERICANA - PENETRATION OF INSECTICIDES
Richardson, J. Ec. Ent. 38:710-711, 1945.
- PERIPLANETA AMERICANA - REARING
Bottimer, Soap & Sanit. Chem. 21(12) 151, 155, 1945
b Donohoe et al., Pests 14(5) 20, 22, 1946
- PERIPLANETA AMERICANA - REPELLENTS
b Hazard, Soap & Sanit. Chem. 21(4) 129, 131, 133, 135, 157, 1945.
- PERIPLANETA AMERICANA - SEROLOGICAL RELATIONSHIPS
Leone, Ent. Soc. Amer. Ann. 40:418-419, 421-429, 431-432, 1947.
- PERIPLANETA AMERICANA - SMOKES - DDT
Pearsall & Wallace, Soap & Sanit. Chem. 22(10) 163, 1946.
- PERIPLANETA AMERICANA - SPRAYS
Edwards Chem. Corp., H-4 Emulsion Concentrate 2, 1947
- PERIPLANETA AMERICANA - SPRAYS - DDT
Dove, USDA EPQ E-673:13, 1945.
Hayship, Fla. R. f. 1944:45:197
Hoskins, Cal. Mosq. Control Assoc. P. 14:37-38, 1946
Richardson, Pests 15(9):22, 24, 1947.
- PERIPLANETA AMERICANA - TISSUES
Tobias, Fed. P. 6(1):215, 1947. (Abs.)
- PERIPLANETA AUSTRALASIAE (F.) (AUSTRALIAN COCKROACH)*
McDaniel, J. Milk Technol. 8:340-341, 1945.
Rehn, Sci. Month. 61:269-271, 1945.
Thompson, Can. Ins. Pest. Rev. 24:44, 1946
b Pest Control & Sanit. 1(9) 8-9, 1946.
- PERIPLANETA AUSTRALASIAE - PENNSYLVANIA (CENTER CO.)
Haber, Ent. News 58 101, 1947.
- PERIPLANETA AUSTRALASIAE - REPELLENTS
b Sweetman et al., Soap & Sanit. Chem. 21(3):104-107, 127, 129, 131, 1945
- PERIPLANETA FULIGINOSA (Serv.) (SMOKY BROWN COCKROACH)
Gould & Deay, Pest Control & Sanit. 1(9) 12-13, 1946.
Rau Psyche 52:107-108, 1945.
- PERKINSIELLA SACCHARICIDA Kirk. (SUGARCANE LEAFHOPPER)*
Swezey, Hawaiian Ent. Soc. P. 13:18, 1947.
Zimmerman, Hawaiian Planters' Rec. 50:113-114, 1946.
- PERKINSIELLA SACCHARICIDA & FIJI DISEASE OF SUGARCANE
b Martin, Hawaiian Planters' Rec. 51: 89-90, 107, 109-114, 1947.
- PERKINSIELLA SACCHARICIDA & VIRUS DISEASE OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:546, 548-549, 552, 557, 563, 565, 1946.
- PERKINSIELLA VASTATRIX (Bredin) & FIJI DISEASE OF SUGARCANE
Martin, Hawaiian Planters' Rec. 51: 107, 1947.

PERKINSIELLA VITIENSIS Kirk. & FIJI
DISEASE OF SUGARCANE
Martin, Hawaiian Planters' Rec. 51:91,
107, 1947.

PERLA sp.
Walton, Pa. Angler 9 [i.e. 14](3):9,
1945.

PERLIDAE - TAXONOMY
nik Banks, Psyche 54:266-291, 1947.

PERONEA Curt., see ACLERIS Hbn.

PERUVIAN FLY, see PARATHERESIA
CLARIPALPIS (Wulp)

PEST CONTROL
Anderson, La. Comnr. Agr. & Immigr
Bien. R 32:97-98, 1946.
Hockenyos, Pests 14(8):8,10, 1946.

PEST CONTROL - COOPERATION
Crosby, Pests 15(2):26,28, 1947.
Senn, Pest Control & Sanit 1(10) 26-
27,29, 1946.
Snyder, Pest Control & Sanit 2(9) 14,
1947
Snyder, Pests 15(9) 12, 1947

PEST CONTROL - EXTENSION COURSE
Oderkirk, Ind. St Bd Health Mo. B
48:207, 1945

PEST CONTROL - FOOD PLANTS
Harvey, Pests 14(10):28,30, 1946.

PEST CONTROL - LEGISLATION
Creighton, Pests 14(3):14, 1946
Stanfill, Pests 15(12) 20, 1947.

PEST CONTROL - LEGISLATION -
FLORIDA
Creighton, Pests 15(12):36,38,40,
1947

PEST CONTROL - PATENTS
Roark, Pests 13(1):26; (2) 26; (3) 28,
(4):20; (5) 22; (7) 18; (8):22, (10):
32, 1945; 14(4):36; (5):38; (6):30;
(7):42; (10):64, 1946; 15(1):33; (2):
42, (7):40-41; (9):38-39, (11):38,
1947.
Roark, USDA EPQ E-706,45 p., 1946.
Roark, USDA EPQ Dis. Insectic.
Invest. List U. S. Pats. Granted
Members Div. Insectic. Invest.
July 1, 1927-June 30, 1947,24 p.,
1947.

PEST CONTROL - SANITATION
Robertson, Pests 15(6):20,22, 1947.

PEST CONTROL - TEACHING - SHORT
COURSE - PURDUE UNIVERSITY
J. Fc. Ent. 39:366, 1946.

PEST CONTROL & ENTOMOLOGY
Davis, Pests 13(1):13-14, 1945.

PEST CONTROL & PUBLIC HEALTH
Bass, Pests 15(6):16,18, 1947.
Oser, Pests 14(10):7, 1946.
Reeves, Pests 10(12):18, 1947.
Whitney, Pests 15(4):12,14, 1947.

PEST CONTROL INDUSTRY
Davis, Pest Control & Sanit. 1(5):18-
19, 1946.
Twinn, Pests 14(3):18,20,22, 1946.

PEST CONTROL INDUSTRY, see also
ENTOMOLOGY, ECONOMIC &
PEST CONTROL INDUSTRY

PEST CONTROL INDUSTRY - COSTS
Vogel, Pests 13(4):5-6, 1945.
Pest Control & Sanit. 1(11):27, 1946.

PEST CONTROL INDUSTRY - DEVEL-
OPMENT
Loibl, Pest Control & Sanit. 2(8):14-
15, 1947.

PEST CONTROL INDUSTRY - DIREC-
TORIES
Amer. Assoc. Ec. Ent. East. Branch,
Entoma ed. 6,320 p., 1945; ed. 7:
331-360, 1947.
Pest Control & Sanit., Home & Gard.
Alphabet. Dir. Pest Control Indus
U. S., Can., Foreign Countries,
173 p., 1947.

PEST CONTROL INDUSTRY - FLORIDA
Creighton, Pests 14(3):14, 1946,
15(6) 34, 1947.

PEST CONTROL INDUSTRY - GUARAN-
TEES
Miller, Pest Control & Sanit. 1(9):7,
1946.

PEST CONTROL INDUSTRY - OUTLOOK
Davis, Pests 14(7) 8,10, 1946; 15(3)
9,10,12, 1947.
MacLeod, Pest Control & Sanit. 1(8):
10-11, 1946
Lee et al., Amer. Assoc. Ec. Ent
Cotton Sts Branch P. 19:21-22, 1945.
Parks, Pest Control & Sanit. 2(10) 12,
1947
Smith, Pest Control & Sanit 2(7) 11,
1947

PEST CONTROL INDUSTRY - PROMO-
TION
Sanders, Agr. Chem 1(2):29-30,61,63,
1946

PEST CONTROL INDUSTRY - PUBLIC
RELATIONS
Fenton, Pest Control & Sanit. 2(11)
14, 1947

PEST CONTROL OPERATORS
Armitage et al., Cal. Dept. Agr. B. 35:
204, 1947.
Bieberdorf, Pests 14(9) 42,44, 1946.
Decker, Pests 13(2):16,18, 1945.
Porter, Pests 13(3):12-14, 1945.

PEST CONTROL OPERATORS, see also
INSECTICIDES - DDT & PEST
CONTROL OPERATORS

PEST CONTROL OPERATORS - CALI-
FORNIA
Ryan, Los Angeles Co. Cal. Agr.
Comnr. R. f. 1945/46:4,14, f.
1946/47:18.

PEST CONTROL OPERATORS -
MILLER, J. D.
Oppenheim, Mag. Digest 32(3):107-
109, 1946.

PEST CONTROL OPERATORS -
POMERANTZ, CHARLES
Fields, Pests 15(2):30,32,34, 1947.

PEST CONTROL OPERATORS - REGU-
LATION
Creighton, Pests 15(12):36,38,40,
1947.
Wilcomb, Natl. Shade Tree Conf. P.
22:247-250, 1946.

PEST CONTROL OPERATORS - SELEC-
TION
Bauer, Pest Control & Sanit. 1(3):14-
15, 1946.

- PEST CONTROL OPERATORS - SOCIETIES - CANADIAN PEST CONTROL OPERATORS - CONFERENCES
 1 Pests, 13(5):5-8, 1945, 14(5):8-9, 1946; 15(4):30,32, 1947
- PEST CONTROL OPERATORS - SOCIETIES - NATIONAL PEST CONTROL ASSOCIATION
 Davis, Sci. Month 60:151-152; Pests 13(8):5-6, 1945
- PEST CONTROL OPERATORS - SOCIETIES - NATIONAL PEST CONTROL ASSOCIATION - BOARD OF DIRECTORS - MEETING, 1945
 Pests 13(11):5-8, (12) 5-6,8,10,12,14, 1945
- PEST CONTROL OPERATORS - SOCIETIES - NATIONAL PEST CONTROL OPERATORS - CONVENTIONS
 1 Pests 14(12):10-40,46-47, 1946, 15(12) 8-18,22-35, 1947
- PEST CONTROL OPERATORS - TERMINITE FRADICATORS
 Berger Ill Nat Hist Surv C 41:37-39, 1947
- PEST CONTROL OPERATORS & EXTENSION SERVICES
 Jones, Pests 15(11):22, 1947
- PETINOPS LABRADORENSIS Brooks
 n Brooks, Can Ent 77 92-93, 1945
- PETROCHROA COMMUNIS Swezey
 n Swezey, Hawaiian Ent Soc P 12 627, 1946
- PETROVA sp
 Peterson & Sandercock, Can Dept Agr Div. Ent For Ins Surv R f 1946 73, 1947
- PETROVA ALBICAPITANA (Busck) (PITCH NODULE MAKER)
 Lejeune, Can Dept Agr Div Ent For Ins Surv. R f 1945-48, 1946.
 McGuffin & Barker, Can Dept Agr Div Ent For Ins. Surv R. f 1946 60, 1947.
 Richmond & McGuffin, Can Dept. Agr. Div Ent. For. Ins. Surv R. f 1944-47, 1945.
 Watson & MacKay, Can Dept Agr Div. Ent For Ins Surv R f 1945: 32, 1946.
- PETROVA METALLICA (Busck)
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945-57, 1946.
 Peterson, Can. Ins. Pest Rev. 24:113, 1946.
- PETRUSA MARGINATA (Brunnich)
 Martorell, P. R. Univ. J. Agr. 29:373-374, 1945.
- PETRUSA PYGMAEA (F.), see PETRUSA MARGINATA (Brunnich)
- PETULARIDAE - INDIANA
 bi Montgomery, Ind. Acad. Sci. P. 56-165, 1947?
- PHAENICIA sp. near PALLESCENS (Shan.)
 Tanada et al., Hawaii R. f. 1944/46:71, 73, 1947.
- PHAENICIA CAERULEIVIRIDIS (Macq.) & POLIOMYELITIS
 b Power & Melnick, Yale J. Biol. & Med. 18:58-59,62,66-69, 1945.
- PHAENICIA CUPRINA (Wied.) & MYIASIS
 James, USDA Misc. Pub 631 85-86, 1947
- PHAENICIA PALLESCENS (Shan)
 Flock, Ariz. St Ent R. f 1944 21, 1945
- PHAENICIA SERICATA (Meig.) (ENGLISH SHEEP FLY)
 Hall et al., USDA FB 1330 rev. 12, 1946
- PHAENICIA SERICATA - EMBRYOLOGY
 bi Fish, Ent. Soc. Amer. Ann 40: 15-28,677-687, 1947
- PHAENICIA SERICATA - INSECTICIDES
 Abbott, J. Ec. Ent 38 619-620, 1945
 b Loeffler & Hoskins, J. Ec. Ent 39: 589-597, 1946
 Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107) 69, 1947
- PHAENICIA SERICATA - OVIPOSITION
 b Abbott, N. Y. Ent. Soc. J. 53 227-230, 1945
- PHAENICIA SERICATA & ANIMAL DISEASE
 Holdaway, Hawaiian Acad. Sci. P 17:18-17, 1945 (Abs.)
- PHAENICIA SERICATA & MYIASIS
 1 James, USDA Misc. Pub 631 86-87, 1947
 b Lyon & Mizelle, Ann. Int. Med. 22 128-130, 1945.
 Reid & Camp, Ill. Med. J. 90:231-232, 1946
- PHAENICIA SERICATA & POLIOMYELITIS
 Melnick & Penner, Soc. Expt. Biol. & Med. P. 65:342-344,346, 1947
 b Power & Melnick, Yale J. Biol. & Med. 18:58-60,66-68, 1945.
 Robinson & Sweadner, Pa. Med. J. 48: 1236-1237, 1945.
- PHAENODISCUS AFNEUS (Dalm.) - EGGS & LARVAE
 1 Maple, Cal. Univ. Pub. Ent. 8:110-112, 1947
- PHAENOPSIS Towns. - NORTH AMERICA
 k Reinhard, Can. Ent. 78:111-121, 1946.
- PHAEOPENES ARCTICUS Cushman
 1 Prebble & Graham, B. C. Lumberm. 29(3) 39, 1945.
- PHAEOPENES ATER Cress.
 Wallace, Conn. B. 488:389, 1945.
- PHAEOPENES HARIOLUS (Cress.)
 Balch & Reeks, N. B. Dept. Lands & Mines R. 109:123, 1946.
 Coppel, Ent. Soc. Ont. R. 77:39, 1947.
 Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:49, 1946
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 62, 1947.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:12, 1946.
 Wilkes & Anderson, Ent. Soc. Ont. R. 77:41, 1947.
- PHAEOPENES NIGRIDENS Wesm.
 Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6):4.

PHAEODES NIGRIDENS—Continued.
Clark & Jones, USDA EPQ Ins. Pest
Surv. Sp. Sup. (1945, No. 4):2; (1946,
No. 3):1-2, 4.
i Drake, Iowa Dept. Agr. YB 46:171,
174-176, 1946.
Drake et al., Iowa R. f. 1945/46 pt. 2:
55.
Drake et al., Iowa Dept. Agr. YB 47:
129, 1947.
PHAEODES WALSHIAE AUSTRALIS
(Cushman)
Hoffmann, J. Ec. Ent. 38:357, 1945.
PHALACRUS POLITUS Melsh. (SMUT
BEETLE)*
Smith et al., Kans. Ent. Soc. J. 19:50,
1946.
PHALAEIDAE
Harned, USDA EPQ Ins. Pest Surv.
Sum. of Ins. Conditions in 1945:16,
1946
n McDunnough, Can. Ent. 78:28-35,
1946.
PHALANGIDA - INSECTICIDES
Roark, USDA EPQ E-656:27, 1945.
PHALANGIDA - MEXICO
ni Goodnight & Goodnight, Amer. Mus.
Nov. 1310, 17 p., 1946.
PHALANGIDA - UNITED STATES
i Goodnight & Goodnight, N. Y. Ent.
Soc. J. 53:239-245, 1945.
PHALONIA sp.
i Needham, Natl. Geog. Mag. 90:349,
353-354, 1946.
PHANAEUS MacLeay - UNITED STATES
nk Robinson, Amer. Ent. Soc. Trans.
73:299-305, 1947
PHANAEUS VINDELL MacLeay
Cooper, Ky. R. 58:49, 1946.
PHANEROTOMA Wesm.
Fulton, B. C. Ent. Soc. P. 43:26-27,
1947.
PHANEROTOMA sp.
Boyce, Quebec Soc. Protect. Plants R.
30:96, 1947.
PHANEROTOMA TIBIALIS (Hald)
Baker & Doucette, Wash. B. 470:149,
1945.
Jaynes & Marucci, J. Ec. Ent. 40:11,
1947.
Webster & Shenefelt, Wash. B. 470:39,
1945.
PHANURUS TABANIVORUS Ashm.
Fattig, Emory Univ. Mus. B. No. 4:4,
1946.
*PHARAOH ANT, see MONOMORIUM
PHARONIS (L.)
PHAROSCYMNUS SEXGUTTATUS Gyll.
Omer-Cooper & Glaholm, Cit. Leaves
26(5):29, 1946.
PHASIA Latr. COMPLEX - NORTH
AMERICA
bik Brooks, Sci. Agr. 25:647-679,
1945.
PHASIDAE
Headstrom, Horticulture 24:341, 1946.
PHEIDOLE MEGACEPHALA (F.)
i Bruner & Barry, Cuba Min. de Agr.
Rev. ser. 4, 28(3):55, 64, 1945.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45:3.

PHEIDOLE MEGACEPHALA--Continued.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana),
Caña de Azúcar en Cuba:547, 1946.
PHEIDOLE PILIFERA (Roger)
Haskins, Can. Nature 8:142, 1946.
Jaynes & Marucci, J. Ec. Ent. 40:16,
19-20, 1947.
PHEIDOLOGETON Mayr - THORAX
i Tulloch, Bklyn. Ent. Soc. B. 41:92-
93, 1946.
PHENACASPIS PINIFOLIAE (Fitch)
(PINE NEEDLE SCALE)* (PINE
LEAF SCALE)
i Boyd, N. J. Dept. Agr. C. 355:99-
100, 1945.
Bromley, N. Y. Ent. Soc. J. 55:209-
210, 212, 1947.
Davis, Amer. Nurserym. 84(9):10, 44,
1946.
i Muma, Neb. Ext. C. 1536:4, 1946.
PHENACASPIS PINIFOLIAE - CANADA
Bird & Mitchener, Can. Ins. Pest Rev.
24:71, 1946.
i Daviault, For. Québécoise 11:425,
1946; Québec Min. Terrer et For.
Bur. d'Ent. C. 2, 1 p., 1946?
Daviault & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
24, 1946.
Gardiner, Can. Min. Agr. R. f.
1946/47:94.
Harrison, N. S. Dept. Lands & For.
R. f. 1944:39, 1945; f. 1945:38, 1946.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1946:82, 1947.
Leech et al., Can. Ins. Pest Rev. 25:
74, 1947.
McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
60, 1947.
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:53, 1945;
f. 1945:53-54, 1946.
Peterson, Can. Ins. Pest Rev. 24:106,
1946; 25:56, 1947.
Peterson & Sandercock, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1946:67, 1947.
Richmond & McGuffin, Can. Dept.
Agr. Div. Ent. For. Ins. Surv. R. f.
1944:46, 1945.
PHENACOCUS ACERIS (Sign.) (APPLE
MEALYBUG) (ORCHARD MEALY-
BUG)
Lathrop, Maine B. 438:649, 1945.
Marshall & Maxwell, Can. Ins. Pest
Rev. 25:90, 1947.
Maxwell, Can. Ins. Pest Rev. 24:22,
1946.
Neary, N. S. Fruit Grow. Assoc. R.
82:36, 1945; 83:24, 1946; 84:115,
1947.
Patterson & Neary, Can. Ins. Pest
Rev. 24:15, 1946.
Twinn, Can. Ins. Pest Rev. 23:5, 1945.
PHENACOCUS ACERIS - PARASITES
Clancy & Pollard, J. Ec. Ent. 40:578,
1947.
i Wishart, Ent. Soc. Ont. R. 77:36,
1947.

- PHENACOCOCCUS CEVALLIAE Ckll.
Flock, Ariz. St Ent R. f 1944:20,
1945
- PHENACOCOCCUS GOSSYPHII Towns. & Ckll.
(MEXICAN MEALYBUG)
Fullaway, Hawaii Bd. Comnrs Agr. &
For Bien R. f. 1943/44:55, 1945.
Hamilton, Natl Chrysanthemum Soc
B 3(2) 6-7, 1947
Roark, USDA EPQ E-721 R, 1947
b Romney, J Ec Ent 40:480-483,
1947
Romney et al, USDA EPQ E-672 10-
11, 13, 1945
Smith et al, Chrysanthemum Soc
Amer B 15(2) 5-6, 9-11, 1947
- PHENACOCOCCUS GOSSYPHII - DISEASES,
FUNGUS
b Boyce & Fawcett, J Ec Ent 40
702-705, 1946
- PHENOGODES III
i Harvey, Frontiers 10(1) 6-7, 30,
1945
i Harvey, Life 19(16):63, 65, 1945
- PHENOGODES - LUMINESCENCE
Buck, Biol Bul 91 226, 1946 (Abs)
b Burbank & Lower, Bios 17 198-
200, 1946
- PHENOLOGY
b Penfound et al, Ecology 26:332-352,
1945
- PHIDIPPUS sp
i Cassell, Nat Hist 54:279, 1945
- PHILAENUS Stal
Stearns, Del. B 263 28, 1947
- PHILAENUS & ALFALFA SEED PRO-
DUCTION
b Scholl & Medler, J Ec Ent 40:446-
448, 1947
- PHILAENUS sp.
Sheppard, Can Ins Pest Rev 25:105,
1947
- PHILAENUS FUSCO-VARIUS Stal
Martorell, P R. Univ J. Agr. 29:371,
1945
- PHILAENUS LEUCOPHTHALMUS (L.)
(MEADOW SPITTLEBUG)*
i Fisher & Allen, J. Ec Ent 39:821-
822, 1946
Houser, Ohio Bimo. B. 30:165, 1945
Oldroyd, Alaska R. 10:55, 1947,
Ross, Can Ins Pest Rev 24:48, 1946
Smith et al., J. Ec. Ent 38:192, 1945
Sturrett, Can. Ins Pest Rev 25:12,
1947
- PHILAENUS LEUCOPHTHALMUS - IN-
SECTICIDES
b Goodhue et al., J Ec. Ent 38:181,
1945
b Munding, J. Ec. Ent. 39:299-305,
1946
Neiswander, Ohio St. Hort Soc. P. 78-
156-157, 1945.
Schwardt et al., J Ec. Ent. 40:364-
365, 1947
- PHILAENUS LINEATUS (L.) (LINED
SPITTLEBUG)*
Davis, Ind Acad. Sci. P. 56:149-150,
1947?
- PHILAENUS SPUMARIUS (L.) - FOOD &
HOST PLANTS
Davis, Hawaiian Ent. Soc. P. 13 30-31,
1947
Davis & Mitchell, Hawaiian Ent. Soc
P 12:515-516, 1946.
- PHILANTHINAE - GENERA
nk Pate, Pan-Pac Ent 23:63-67, 1947.
- PHILANTHUS F. - NORTH AMERICA
Strandtmann, Ohio St Univ Abs. Diss.
46:151-155, 1945
bnik Strandtman, Rev of N Amer
Species Philanthus, No of Mex.,
126 p., 1946.
- PHILARONIA Ball - PARASITES
i Bohart, Ent Soc Wash P 48 200-
202, 1946.
- PHILODROMUS sp.
Fautin, Ecol Monog. 16:264-269, 273,
1946
- PHILONTHUS Steph - BRITISH COLUM-
BIA
Leech, B C Ent Soc P 43:23-24,
1947
- PHILOSAMIA CYNTHIA (DRURY), see
SAMIA CYNTHIA (Drury)
- PHLEGETHONTIUS Hbn. see PROTO-
PARCE (Haw)
- PHLEPSIUS sp & CELERY YELLOWS
Lauderdale, Ariz St Ent R f
1945/46:16
- PHLEPSIUS APERTINUS Osb. & Lathrop,
see PARAPHLEPSIUS APERTINUS
(Osb & Lathrop)
- PHLEPSIUS IRROTRATUS (Say), see
PARAPHLEPSIUS IRROTRATUS
(Say)
- PHLOEM NECROSIS, see ELM INSECTS
& PLANT DISEASE - PHLOEM
NECROSIS, INSECTS & PLANT
DISEASE - PHLOEM NECROSIS,
LEAFHOPPERS & PLANT DIS-
EASE - PHLOEM NECROSIS
- PHLOEONEMUS MARTORELLI Fisher
Martorell, P R. Univ J Agr. 29:424,
1945
- PHLOEOPHANA LONGIROSTRIS Spin. -
VENOM
Hoffmann, Ent Soc Wash. P 49:142,
1947 (Abs.)
- PHLOEOSINUS CUPRESSI Hopk. -
PARASITES
Barr, Pan-Pac Ent 23:58, 1947
- PHLOEOSINUS DENTATUS (Say), P
TAXODII Blackm
i Beal & Massey, Duke Univ. School
For. B. 10:85-88, 1945.
- PHLOEOTRIBUS LIMINARIS (Harr.)
(PEACH BARK BEETLE)*
Talbert, Gen. Hort. 190, 1946.
- PHLYCTAENIA CAMPYLOTHECA
Swezey
n Swezey, Hawaiian Ent. Soc P. 12-
625-626, 1946
- PHLYCTAENIA FERRUGALIS (Hbn),
see PHLYCTAENIA RUBIGALIS
(Guen.)
- PHLYCTAENIA PHYLLOSTEGIA Swezey
n Swezey, Hawaiian Ent. Soc. P. 12:
626, 1946.

- PHLYCTAENIA RUBIGALIS (Guen.)
(CELERY LEAF TIER, GREEN-
HOUSE LEAF TIER)*
Hamilton, Natl. Chrysanthemum Soc
B. 3(2):8, 1947.
Lauderdale, Ariz. St. Ent. R. f.
1945/46:18
Laurie & Kiplinger, Gard. & Green-
house Chrysanthemums:61, 1946
Manson & Arnason, Can. Ins. Pest
Rev. 25:103, 1947.
Manson et al., Can. Ins. Pest Rev. 24
97, 1946.
Morrison, Cal. Dept. Agr. B. 35:137,
1946
Ryan, Los Angeles Co. Cal. Agr.
Comm. R. f. 1945/46:19
Swezey, Hawaiian Ent. Soc. P. 13:2,
1947.
Weldon, Mich. Sp. B. 222 rev. 21,
1946.
- PHLYCTAENIA RUBIGALIS - AERO-
SOLS - DDT
Smith et al., Agr. Chem. 2(12):61,
1947.
White, USDA EPQ E-692:12, 1946.
- PHLYCTAENIA RUBIGALIS - INSECTI-
CIDES
Bottger & Bowen, USDA EPQ E-710,
5 p., 1946.
Bottger & Levin, USDA EPQ E-729,
23 p., 1947; E-738:1,6,10-11, 1947.
Dustan et al., Sci. Agr. 26:110-111,
1946.
Gertler, USDA EPQ E-732:4, 1947
Mayer & Gahan, USDA EPQ E-646:4-
5, 1945
Swingle et al., USDA EPQ E-634, 23 p.,
1945.
Yerxa, Pac. Rur. Press, South. 150:
132, 1945
- PHLYCTAENIA RUBIGALIS - INSECTI-
CIDES - DDT EMULSION
Dustan, Can. Ent. 79:1-4, 1947.
- PHOBOCAMPE sp.
Krauss, Hawaiian Ent. Soc. P. 13:9,
1947.
- PHOBOCAMPE DISPARIS (Vier.)
Friend, Conn. Acad. Arts & Sci.
Trans. 36:621, 1945
- PHOEBIS AGARITHF (Bdvl.)
Martorell, P. R. Univ. J. Agr. 29:480,
1945
- PHOEBIS AGARITHF MAXIMA (Neum.)
i Chermock, Pa. Acad. Sci. P. 19:40-
41, 1945.
- PHOEBIS ARGANTE (F.)
Martorell, P. R. Univ. J. Agr. 29:480,
1945.
- PHOEBIS SENNAE EUBULE (L.)
(CLOUDLESS SULFUR)
Nabokov, Psyche 53:42, 1946.
Stirrett, Can. Ins. Pest Rev. 25:3,
1947.
- PHOEBIS STATIRA NELEIS (Bdvl.), see
APHRISSA STATIRA NELEIS
(Bdvl.)
- PHOENICOCCUS MARLATTI Ckll.
(RED DATE SCALE)*
Nixon, USDA C. 728:38, 1945.
- PHOLUS ACHEMON (Drury) (ACHEMON
SPHINX)* (GRAPE SPHINX,
ARIZONA)
Lauderdale, Ariz. St. Ent. R. f.
1945/46:19
- PHONY PEACH DISEASE, see INSECTS
& PLANT DISEASE - PHONY
PEACH DISEASE, PEACH IN-
SECTS & PLANT DISEASE -
PHONY PEACH DISEASE
- PHORBIA RUBIVORA Coq., see PEGO-
MYA RUBIVORA (Coq.)
- PHORIDAE & MYIASIS
i James, USDA Misc. Pub. 631:160-
163, 1947.
- PHORMIA Rob.-Desv. - INSECTICIDES -
DDT
Buck & Keister, Anat. Rec. 96:499-
500, 1946 (Abs.)
- PHORMIA REGINA (Meig.) (BLACK
BLOW FLY)* (FLEECE WORM)
Hall et al., USDA FB 1330 rev. 12,
1946
- PHORMIA REGINA - CHEMORECEPTORS -
TARSI
Chadwick & Dethier, Anat. Rec. 96:
549, 1946. (Abs.)
b Chadwick & Dethier, J. Gen.
Physiol. 30:255-262, 1947
Dethier & Chadwick, Anat. Rec. 96:
548-549, 1946 (Abs.)
b Dethier & Chadwick, J. Gen.
Physiol. 30:247-253, 1947
- PHORMIA REGINA - DEER
Cowan, Can. J. Res. Sect. D. 24:77,
1946
- PHORMIA REGINA - INSECTICIDES
Annand, USDA EPQ R. f. 1943/44:22
Rebrassier et al., U. S. Livestock
Sanit. Assoc. P. 49:84-85, 1946.
Rude et al., USDA EPQ E-633, 2 p.,
1946
Telford, J. Ec. Ent. 40:920, 1947
Dow Chem. Co., Down to Earth 1(2):
16-17, 1945.
- PHORMIA REGINA - INSECTICIDES -
DDT
Buck & Keister, Biol. Bul. 93:189-
190, 1947 (Abs.)
Twinn, Can. Dept. Agr. Div. Ent.
Processed Pub. 65:10-11, 1947.
- PHORMIA REGINA - REARING
Frings, Science 105:482, 1947.
b Hill et al., Ent. Soc. Amer. Ann. 40:
213-216, 1947
- PHORMIA REGINA & MYIASIS
James, USDA Misc. Pub. 631:75-76,
1947.
- PHORMIA REGINA & POLIOMYELITIS
i Melnick & Penner, Soc. Expt. Biol.
& Med. P. 65:342-346, 1947.
b Power & Melnick, Yale J. Biol. &
Med. 18:60-61, 66-69, 1945.
- PHOROCERA sp.
Annand, USDA EPQ R. f. 1943/44:24.
- PHOROCERA AGILIS Rob.-Desv.
Friend, Conn. Acad. Arts & Sci.
Trans. 36:621, 1945.
- PHOROCERA ERECTA Coq.
Arbuthnot et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 6):4.

- PHOROCERA ERECTA--Continued
Clark & Jones, USDA EPQ Insect Pest
Surv Sp Sup (1946, No 3) 4.
- PHOROCERA HAMATA Ald & Webber -
EMERGENCE
i Baldwin & Coppel, Can Ent 79:221-
223, 1947
- PHOROCERA INCRASSATA Smith
Wilkes, Can Ent 78 83-86, 1946
Wilkes, in Ont. Dept Agr Div Ent
Parasite Invest Unit, Control For
Ins Prov Ont by Introd. Ins Para-
sites 14-17, 1947
Wilkes, Quebec Soc Protect Plants
R. 30:111, 1947
- PHORODON HUMULI (Schr) (HOP
APHID)*
Morrison et al, Oreg C Inform 393,
5 p. 1946.
- PHORODON MENTHAE (Buck)
Swezey, Hawaiian Ent Soc P. 13:20,
1947
- PHOSTRIA HUMIFRALIS (Guen)
Martorell, P R Univ J Agr 29:518,
521, 1945
- PHOSTRIA MARTYRALIS (Led)
i Martorell, P. R Univ J Agr 29
521-522, 532-533, 1945
- PHOSTRIA ORIGINALIS (Led), see
PHOSTRIA ORIGOALIS (Wlkr)
- PHOSTRIA ORIGOALIS (Wlkr)
Martorell, P R Univ J Agr 29:522-
523, 1945
- PHOTINUS CONSANGUINEUS Lec -
LUMINESCENCE
Brues, Psyche 53 13-14, 1946
- PHOTINUS PYRALIS (L.) - LUMINES-
CENCE
McElroy, Natl Acad Sci P. 33:343-
345, 1947
- "PHOTOPERIODISM" vs "PHOTOPERI-
ODICITY"
Greulich, Science 101 353-354, 1945
- PHOTOTROPISM, see INSECTS - PHO-
TOTROPISM
- PHRIXOTHRIX Oliv
i Harvey, Frontiers 10(1) 6-7, 30, 1945
b Harvey, J Cell & Compar Physiol
26:185-187, 1945
i Harvey, Life 19(16):63, 65, 1945
- PHRIXOTHRIX - LUMINESCENCE
Buck, Biol Bul 91:226, 1946 (Abs)
- PHRYGANIDIA CALIFORNICA Pack
(CALIFORNIA OAKWORM)*
Milbrath, Cal. Dept. Agr. B. 35:237,
1947
Wells, Arbor. News 12 69-70, 1947
Cal. Dept Nat Resources Div For,
For. Ins Conditions in Cal. during
1946 10-11, 1947
- PHRYXE PECOSENSIS (Townes.)
Reeks, Can Ins. Pest Rev. 24:25,
1946
Reeks et al, Can Dept Agr. Div. Ent.
For Ins. Surv. R. f. 1945:12-13,
1946; f. 1946:12-13, 1947.
Wilkes & Anderson, Ent. Soc. Ont. R
77:41, 1947.
- PTHIA PICTA (Drury) - DUSTS
Wylie & Wilson, Fla. R. f 1946/47:
183.
- PTHIRUS PUBIS (L) (CRAB LOUSE)*
b Busvine, Medicina Rev Mex 21-
260, 1946
i Cameron, Parasites of Man ed 2:
155-156, 1946
Sutton, U S Army Med B 4:480,
1945
- PTHIRUS PUBIS - EYELIDS
Miller, Arch Dermat & Syph 32:
427, 1945 (Abs)
- PTHIRUS PUBIS - INSECTICIDES
b Eddy, J Invest. Dermat 7:85-91,
1946
Eddy et al, USDA EPQ E-685 4-5,
1946
Franks, Arch Dermat & Syph 53:
481-482, 1946
Richardson, Pests 15(9) 22, 1947
b Shelanski et al, Arch Dermat. &
Syph 51:180-181, 1945
U S Army Med Dept Bul 7:1050,
1947
USDA EPQ Orlando, Fla. Lab, USDA
Misc Pub 606 57-58, 1946.
- PTHIRUS PUBIS - INSECTICIDES -
DDT
b Bushland et al, J. Ec. Ent. 38:210,
216-217, Amer Assoc Ec Ent
Cotton Sts Branch P 19:68, 1945
(Abs)
Daley & Bailor, U S. Navy Hosp
Corps Quart. 19(4):15, 1946
Dove, USDA EPQ E-673 2, 1945
Knippling, J. Ec Ent 39:363, 1946.
Knippling, USDA YB f 1943/47:634
Mote, Oreg C Inform 389:5, 1946.
Warrick, Water & Sewage Works 93:
331, 1946
- PTHORIMAEA OPERCULELLA (Zell)
see GNORIMOSCHEMA OPERCU-
LELLA (Zell)
- PTHOROPHOEUS DENTIFRONS
Blackm., P. FRONTALIS (Oliv), P.
LIMINARIS (Harr)
i Beal & Massey, Duke Univ School
For B 10 76-80, 1945
- PHYCIODES NYCTEIS (Dbldy & Hew.)
i Hardy, Victoria Nat. 2:145, 1946.
- PHYCIODES PHAON PHAON (Edw)
Bruner, Soc. Cubana Hist Nat. Mem
19:26, 1947
- PHYCIODES THAROS PASCOENSIS
Wright
i Hardy, Victoria Nat 2:145, 1946.
- PHYCITINAE
McDunnough, Can. Ent. 78:109, 1946
- PHYGADEUON sp
Swezey, Hawaiian Ent Soc. P 12:467-
468, 1946
- PHYLACTEROPODA NIGRA Brooks
n Brooks, Can Ent. 77:93, 1945.
- PHYLLAPHIS FAGI (L.) (WOOLLY
BEACH LEAF APHID)
Boyd, N. J. Dept. Agr. C. 355 87,
1945.
- PHYLLOBAENUS AFFILIATA (Fall)
Clancy, Cal Univ. Pub. Ent 7:473-
475, 1946.
- PHYLLOBAENUS DISCOIDEA (Lec)
Fautin, Ecol. Monog. 16 264, 1946

- PHYLLOBAENUS PUBESCENS (Lec.)
Satterthwait & Swain, J. Ec. Ent. 39: 580, 1946.
- PHYLLOBAENUS SCABRA (Lec.)
Clancy, Cal. Univ. Pub. Ent. 7:473-475, 1946.
- PHYLLOBIUS GLAUCUS, Misidentification, see PHYLLOBIUS INTRUSUS Kono
- PHYLLOBIUS INTRUSUS Kono (ARBOR-VITAE WEEVIL)*
Eddy, R. I. Dept. Agr. & Conserv. R. 10:55, 1945.
- PHYLLOOPTES Nal.
English, Amer. Camellia YB 1:36-37, 1946.
Watson, Fla. Grow. 53(8):14, 1945.
- PHYLLOOPTES CEDRI Keif.
ni Keifer, Cal. Dept. Agr. B. 35:41, 1946.
- PHYLLOOPTES CORNUTUS Banks, see VASATES CORNUTUS (Banks)
- PHYLLOOPTES DESTRUCTOR Keif., see VASATES DESTRUCTOR (Keif.)
- PHYLLOOPTES EURYNOTES Nal., see VASATES EURYNOTES (Nal.)
- PHYLLOOPTES FOCKEUI Nal. & Troues., see VASATES FOCKEUI (Nal. & Troues.)
- PHYLLOOPTES GRACILIS (Nal.) (BLACKBERRY LEAF MITE)* (LOGANBERRY MITE)
Breakey, J. Ec. Ent. 38:121-122, 1945.
Breakey, Wash. B. 470:124-125, 1945.
- PHYLLOOPTES GRACILIS & DRY BERRY DISEASE OF LOGAN-BERRIES
Breakey, J. Ec. Ent. 38:722, 1945.
- PHYLLOOPTES OLEIVORUS Ashm., see PHYLLOOPTERUTA OLEIVORA (Ashm.)
- PHYLLOOPTES QUADRIPIES (Shimer), see VASATES QUADRIPIES Shimer
- PHYLLOOPTES SCHLECHTENDALI Nal., see VASATES SCHLECHTENDALI (Nal.)
- PHYLLOOPTERUTA OLEIVORA (Ashm.) (CITRUS RUST MITE)*
Keifer, Cal. Dept. Agr. B. 34:189, 1946.
Keifer, J. Ec. Ent. 39:566, 1946.
Parker et al., Man. for Cit. Grow. ed. 3:48, 1947.
Thompson, Cit. Indus. 27(9):17,20-21, 1946.
b Thompson, Fla. St. Hort. Soc. P. 59: 61-65, 1946.
Thompson, Fla. R. f. 1946/47:155.
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:87, 1947.
Woglum, Cal. Cult. 93:596, 1946.
- PHYLLOOPTERUTA OLEIVORA - INSECTICIDES - DDT
Griffiths & Thompson, J. Ec. Ent. 40: 388, 1947.
- PHYLLOOPTERUTA OLEIVORA & MELANOSE (GREASY) OF CITRUS
Thompson, Fla. R. f. 1946/47:155.
- PHYLLOORYCTER BLANCHARDELLA (F.), see LITHOCOLLETIS BLANCHARDELLA (F.)
- PHYLLOORYCTER CRATAEGELLA (Clem.), see LITHOCOLLETIS CRATAEGELLA Clem.
- PHYLLOORYCTER PROPINQUINELLA (Braun), see LITHOCOLLETIS PROPINQUINELLA Braun
- PHYLLOPHAGA Harr.
Bruner, Control de Plagas (Havana) 8: 59-60, 1946.
Callenbach, Mont. Ext. Ser. A-52,2 p., 1945.
Davis, Ind. Acad. Sci. P. 56:149, 1947?
Filinger, Kans. C. 235:40, 1946
Johnson, Conn. B. 488:419, 1945
Lewis, Tex. R. 59:50, 1947.
i Muma, Neb. Ext. C. 1537:7-9, 1946.
i Neiswander, Ohio B. 673:15, 1947.
i Phillips & Cole, Fla. B. 411 rev.: 27-28, 1947.
Slate et al., N. Y. (C.) Ext. B. 719: 63-64, 1947.
Smith et al., Kans. Ent. Soc. J. 19:51, 1946: 20:57, 1947.
i Vorhies & Wehrle, Ariz. B. 203:22-24, 1946.
Webster, Wash. Ext. B. 246 rev.:23, 1946.
Wolcott, Sugar J. 10(6):18, 1947.
USDA Soil Conserv. Serv. Upper Miss. Region Biol. Handb. ed. 2:75-76, 1945.
- PHYLLOPHAGA - CANADA
Bird & Mitchener, Can. Ins. Pest Rev. 24:70, 1946.
Cannon, Can. Ins. Pest Rev. 24:11, 1946.
Downes et al., Can. Ins. Pest Rev. 25: 9-10, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:79.
Gauthier, Can. Ins. Pest Rev. 24:31, 1946.
Hammond, Can. Dept. Agr. Div. Ent. Processed Pub. 42,5 p., 1946.
Hammond, Ent. Soc. Ont. R. 76:15-18, 1946.
Maxwell, Can. Ins. Pest Rev. 24:23, 1946.
Sheppard, Can. Ins. Pest Rev. 24:50, 1946.
Thompson, Can. Ins. Pest Rev. 24:36, 1946.
Twinn, Can. Ins. Pest Rev. 23:3, 1945.
Ward, B. C. Dept. Agr. R. 40:V77, 1946; 41:W107, 1947.
Wressell, Can. Ins. Pest Rev. 24:54, 1946.
- PHYLLOPHAGA - CEREAL & FORAGE CROPS
i Chamberlin & Fluke, Wis. Res. B. 159,15 p., 1947.
- PHYLLOPHAGA - CHESTNUTS
Reed, North. Nut Grow. Assoc. R. 37: 57, 1947.
- PHYLLOPHAGA - DISEASES - MILKY DISEASE
Schwardt & Pendelton, N. Y. (C.) R. 57:121, 1945; 58:117-118, 1946.
- PHYLLOPHAGA - INSECTICIDES
Cooper, Ky. R. 57:22-23, 1945; 58:41, 1946; 59:36, 1947.

PHYLLOPHAGA - INSECTICIDES--Continued

- i Cummings, Amer Nursery 84(6) 14; (8) 44-45, 1946
Davis, Amer Nursery 84(9) 44-45, 1946
Decker, Golfdom 20(3) 22, 1946
Hammond, Ent Soc Ont R. 75:8-10, 1945, 77:14-19, 1947
Jennings, R I Misc. Pub 26:14-15, 1945
Marshall, Ind R. 60:70, 1947
i Mills & Dewey, N Y (C) Ext B 306 rev 19, 24-26, 1946.
Neiswander, Ohio St Hort Soc P. 78 155-156, 1945
Ritcher, Amer Assoc Ec Ent N Cent Sts Branch P 2:85, 1947
PHYLLOPHAGA - INSECTICIDES - DDT
i Ebeling, Cal Citrog. 31:405, 1946
Packard, USDA EPQ E-640 9, 1945.
PHYLLOPHAGA - POISON BAIT
i Nettles et al., S C Ext B 109 28-29, 1947
PHYLLOPHAGA - RESISTANCE TO FUMIGANTS
Hammond, Ent Soc Ont R 77:14, 17-18, 1947.
PHYLLOPHAGA - TEXAS
b Reinhard, J Ec Ent 39:475-480, 1946
PHYLLOPHAGA - TRAPS - LIGHT
i Nagel & Granovsky, J Ec. Ent 40 583-586, 1947
PHYLLOPHAGA ANXIA (Lec.)
Arnason et al., Can Ins Pest Rev. 25 9-10, 1947
Davault, Assoc Can - Franc Avanc Sci Ann. 11:100, 1945. (Abs)
PHYLLOPHAGA ANXIA - DISEASES - FUNGUS
i Mills et al., Mont. B 425:23, 1945
PHYLLOPHAGA ANXIA - DISEASES - MILKY DISEASE
Schwardt & Pendleton, N. Y. (C) R 58 118, 1946
PHYLLOPHAGA BARDA (Horn)
b i Ritcher, Ent Soc. Wash P. 47:97-99, 1945
PHYLLOPHAGA CITRI (Smyth)
Martorell, P. R. Univ. J Agr. 29:433-435, 1945
PHYLLOPHAGA EPHILIDA (Say)
Grayson, Va. TB 109:5-12, 1947.
PHYLLOPHAGA FUSCA (Frol.)
i Chamberlin & Fluke, Wis Res. B. 159:3, 5, 10, 12, 1947.
Hammond, Can. Ins. Pest Rev. 25:9, 1947.
PHYLLOPHAGA FUSCA - DISEASES - MILKY DISEASE
Schwardt & Pendleton, N. Y. (C.) R. 58: 118, 1946.
PHYLLOPHAGA FUTILIS (Lec.)
Hammond, Can. Ins. Pest Rev. 25:9, 1947.
PHYLLOPHAGA GUANICANA (Smyth), see CNEMARACHIS GUANICANA (Smyth)
PHYLLOPHAGA HIRTICULA (Knoch)
Cooper, Ky. R. 58:49, 1946.

- PHYLLOPHAGA HIRTIVENTRIS (Horn)
Reinhard, J Ec. Ent 39 477-479, 1946
PHYLLOPHAGA HUBBELLI Cartw.
ni Cartwright, Ent News 57:10-12, 1946
PHYLLOPHAGA INVERSA (Horn)
Hammond, Can. Ins Pest Rev 25:9, 1947.
PHYLLOPHAGA LANCEOLATA (Say)
(WHEAT WHITE GRUB)
Smith et al., Kans Ent Soc J 19:51, 1946
PHYLLOPHAGA MICANS (Knoch)
Grayson, Va TB 109:5-6, 11, 1947
PHYLLOPHAGA PALLIDUS Horn
Vorhies & Wehrle, Ariz B 203:24, 1946.
PHYLLOPHAGA PORTORICENSIS (Smyth)
i Martorell, P R Univ. J. Agr. 29 428-429, 433, 1945
PHYLLOPHAGA RUBIGINOSA (Lec.)
Reinhard, J Ec Ent 39 479-480, 1946
PHYLLOPHAGA RUGOSA (Melsh)
i Chamberlin & Fluke, Wis Res B. 159:9, 12, 1947
Hammond, Can Ins Pest Rev 25:9, 1947.
PHYLLOPHAGA SONORA Sayl
Vorhies & Wehrle, Ariz B 203:24, 1946
PHYLLOPHAGA SUBMUCIDA (Lec.)
Reinhard, J Ec Ent. 39 476-477, 1946.
PHYLLOPHAGA TORTA (Lec.)
Reinhard, J Ec Ent. 39 475-476, 1946.
PHYLLOPHAGA TRISTIS (F)
i Chamberlin & Fluke, Wis. Res B 159:2-4, 7-8, 12-13, 1947
PHYLLOPHAGA VANDINEI (Smyth), see CNEMARACHIS VANDINEI (Smyth)
PHYLLOPIDEA sp.
Fautin, Ecol Monog. 16 264, 1946.
PHYLLOTOMA NEMORATA (Fall.), see HETERARTHUS NEMORATA (Fall.)
PHYLLOTRETA Chev.
Arnason et al., Can. Ins Pest Rev 25:31, 1947.
Bird & Mitchener, Can. Ins. Pest Rev. 24:68-69, 1946.
Manson et al., Can Ins. Pest Rev. 25: 41, 1947
Stearns, Del. B 263:27, 1947.
PHYLLOTRETA ALBIONICA (Lec.) (CABBAGE FLEA BEETLE)
Romney, Ecology 27:260-261, 1946
PHYLLOTRETA AREA Allard
Stirrett, Can. Ins. Pest Rev. 25:31, 1947.
Thompson, Can. Ins. Pest Rev. 24:38, 1946.
Wressell, Can. Ins. Pest Rev. 24:56, 1946.
PHYLLOTRETA ARMORACIAE (Koch) (HORSE RADISH FLEA BEETLE)*
Apple, Ill. Veg. Grow. B. 6(2):8-9, 1946.

- PHYLLOTRETA ARMORACIAE--Continued.
 Arnason et al., Can. Ins. Pest Rev. 24: 87, 1946.
- PHYLLOTRETA LEWISI (Crotch)
 Flock, Ariz. St. Ent. R. f. 1944-15, 1945
- PHYLLOTRETA PUSILLA Horn (WESTERN BLACK FLEA BEETLE)*
 Arnason et al., Can. Ins. Pest Rev. 24: 87, 1946.
 Flock, Ariz. St. Ent. R. f. 1944-15, 1945
- PHYLLOTRETA STRIOLATA (F.) (STRIPED FLEA BEETLE)*
 1 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 14, 1947
 Goble & Thompson, Ont. Crop Impr. Assoc. Addresses Ann. Conv. f. 1947-141.
 Maltais, Can. Ins. Pest Rev. 24: 35, 1946
 Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1: 21-23, 53-55, 69-72, 75-76, 1946.
 Thompson, Ont. Dept. Agr. B. 449 9, 1947.
- PHYLLOTRETA VITTATA (F.), see PHYLLOTRETA STRIOLATA (F.)
- PHYLLOVATES CHLOROPHAEA (Blanch.) - OOTHECAE
 1 Breland & Dobson, Ent. Soc. Amer. Ann. 40: 557, 571-572, 1947.
- PHYLLOXERA Fonsc.
 Smith et al., in Hutchison, Cal. Agr. 242-244, 1946.
 Smith et al., Kans. Ent. Soc. J. 19: 45, 1946
- PHYLLOXERA DEVASTATRIX Perg. (FECAN PHYLLOXERA)*
 1 Phillips & Cole, Fla. B. 411: 26-27, 1945; rev. 25-26, 1947.
 Pierce et al., USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945-8, 1946.
- PHYLLOXERA VITIFOLIA (Fitch) (GRAPE PHYLLOXERA)*
 Annand, USDA EPQ R. f. 1945/46: 15.
 Armitage et al., Cal. Dept. Agr. B. 35: 194-195, 1947
- PHYLLOXERA VITIFOLIAE - RESISTANT VINES
 Jacob et al., Cal. Ext. C. 116 rev. 66-67, 1947.
- PHYLLOXERIDAE - FOOD PLANTS
 Averill, Maine B. 393-S, 50 p., 1945.
- PHYMATA PENNSYLVANICA AMERICANA Melin
 Blake, J. Ec. Ent. 39: 295, 1946.
- PHYMATA PENNSYLVANICA AMERICANA - WEIGHTS
 b Balduf, Ent. Soc. Amer. Ann. 40: 576-587, 1947.
- PHYMATA PENNSYLVANICA COLORADENSIS Melin - PREY
 Knowlton, Bklyn. Ent. Soc. B. 42: 175, 1947.
- PHYMATA WOLFII Stål, see PHYMATA PENNSYLVANICA AMERICANA Melin
- PHYMATODES AEREUS (Newm.), P. AMOENUS (Say), P. ATER Lec.
 Knull, Ohio Biol. Surv. B. 39: 209-211, 1946.
- PHYMATODES DECUSSATUS (Lec.), P. DECUSSATUS LATIFASCIATUS Hardy & Preece, P. DECUSSATUS OBLIQUUS Casey
 1 Hardy, Victoria Nat. 2: 89, 1945.
- PHYMATODES DIMIDIATUS (Kby.)
 1 Hardy, Victoria Nat. 2: 89, 1945
 Knull, Ohio Biol. Surv. B. 39: 210-211, 1946
- PHYMATODES LECONTEI Lins
 1 Hardy, Victoria Nat. 2: 89, 1945
- PHYMATODES OBSCURUS Lec., see PHYMATODES LECONTEI Lins
- PHYMATODES TESTACEUS (L.)
 Knull, Ohio Biol. Surv. B. 39: 210, 1946
- PHYMATODES TESTACEUS VARIABILIS F
 Eddy, R. I. Dept. Agr. & Conserv. R. 10-49, 1945
- PHYMATODES VARIABILIS F., see PHYMATODES TESTACEUS VARIABILIS F
- PHYMATODES VARIUS (F.)
 1 Knull, Ohio Biol. Surv. B. 39: 211, 1946
- PHYSCUS VARICORNIS (How.)
 Brann, Cornell Univ. Abs. Theses f. 1944-146, 1945
 Brann, N. Y. (G.) R. 64: 32, 1946
- PHYSOCEPHALA DAKOTENSIS Van D. Peck & Bolton, Sci. Agr. 26: 410-411, 413, 1946
- PHYSOCNEMUM BREVILINEUM (Say), P. VIOLACEIPENNE Hamilt
 Knull, Ohio Biol. Surv. B. 39: 205, 1946
- PHYSOTHRIPS XANTHIUS Williams, see TAENIOTHRIPS XANTHIUS (Williams)
- PHYTODECTA sp.
 Peterson, Can. Ins. Pest Rev. 25: 76, 1947.
- PHYTODECTA AMERICANA Schaeff. (AMERICAN POPLAR LEAF BEETLE)
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944: 67, 1945.
 Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 48, 1946.
 Lejeune, Can. Ins. Pest Rev. 24: 78, 1946; 25: 78, 1947.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 56-57, 1947.
- PHYTODIETUS BURGESSI (Cress.)
 Smith, Acadian Nat. 2: 120, 1946.
- PHYTODIETUS FUMIFERANAE (Roh.) Balch & Reeks, N. B. Dept. Lands & Mines R. 109: 124, 1946; 110: 66, 1947.
- Davila, Quebec Min. Lands & For. R. f. 1945/46: 114, 1947.
- Gardner, Can. Min. Agr. R. f. 1945/46: 17, 78; f. 1946/47: 89.

PHYTODIETUS FUMIFERANAE--Continued

- McGuffin & Barker, Can Dept Agr Div Ent For Ins Surv R f 1946 61, 1947
Shackleton, For & Outdoors, Aug 1947-237-238, 1947
Wilkes, in Ont Dept Agr Div Ent Parasite Invest Unit, Control For Ins Prov Ont by Introd Ins Parasites:14-17, 1947
Wilkes, Quebec Soc Protect Plants R 30 111-112, 1947
Wilkes & Anderson, Ent Soc Ont R 77 40-44, 1947

PHYTODIETUS FUMIFERANAE - OVER-WINTERING

- Coppel, Ent Soc Ont R 77 39, 1947

PHYTODIETUS FUMIFERANAE - PARASITIS

- Coppel, Ent Soc Ont R. 77 40, 1947

PHYTODIETUS FUMIFERANAE - REARING

- Wilkes, Can Ent 78 83-86, 1946

PHYTODIETUS VULGARIS Cress

- Reeks et al., Can Dept Agr Div Ent For Ins Surv R f 1946-12, 1947

PHYTOMYPTERA WALLF.YI Brooks

- n Brooks, Can Ent 77-91-92, 1945

PHYTOMYZA AQUILEGIAE Hardy, see PHYTOMYZA MINUSCULA Gour

PHYTOMYZA ILICIS (Curt) (HOLLY LEAF MINFR)*

- Connors, N J C 493 8, 1945
Downes, Can Ins Pest Rev 24 128, 1946

- Fleming, USDA EPQ E-724 12, 1947

- Phillips, Gard Gossip 20(6) 13, 1945

PHYTOMYZA MINUSCULA Gour (COL-UMBINE LEAF MINER)*

- Manson & Hammond, Can Ins Pest Rev 25 106, 1947

- Manson et al., Can Ins Pest Rev 24 101, 1946

- Smith et al., Kans. Ent Soc. J 20-50-51, 58, 1947.

PHYTOMYZA SPICATA Mall

- Van Zwaluwenburg, Hawaiian Ent Soc P 13-30, 1947.

PHYTONOMUS Schönh, see HYPERA Germ.

PHYTOPHAGA DESTRUCTOR (Say) (HESIAN FLY)*

- Annand, New Internatl YB 1944 295, 1945.

- Davis, Ind Acad Sci. P. 56-149, 1947?

- Lincoln & Miner, Ark Ext C. 437:17-18, 1945

- i Mills et al., Mont B. 425-18-20, 1945, 442-15-16, 1947.

- i Packard & Cartwright, Ind. B. 440 rev, 15 p., 1947.

- i Parks, Ohio Bimo B. 31:117-118, 1946

- Smith, N. Dak Bimo B. 8(4) 3-6, 1946. Va. Ext. B. 97 rev. 42, 1947.

PHYTOPHAGA DESTRUCTOR - CANADA

- Arnason et al., Can. Ins. Pest Rev. 24-85, 1946.

- Bird & Mitchener, Can. Ins. Pest Rev. 24:88, 1946.

PHYTOPHAGA DESTRUCTOR - CANADA--Continued

- Strickland et al., Can Ins Pest Rev 25 22-23, 1947

- Thompson, Can Ins Pest Rev. 24 39, 1946

PHYTOPHAGA DESTRUCTOR - FLY-FREE DATES

- bi Horton et al., Kans Tech B 59, 18 p, 1945

- Houser, Ohio Bimo B 30-165, 1945

- Kelly, Kans Ext C 192 10-11, 1946

- Marcovitch & Stanley, Tenn R 58 115, 1946

- Packard & Cartwright, Ind B 440 rev 5-6,9-15, 1947

- Parks, Ohio Bimo B Farm & Home Res 32 169,171 1947

- Va Ext C F-392,1 p., 1945

PHYTOPHAGA DESTRUCTOR - KANSAS

- Dean et al., Kans Ent Soc J 18 96, 1945

- bi Horton et al., Kans Tech B 59, 18 p, 1945

- i Kelly, Kans Ext C 192,12 p., 1946

- Painter & Bryson, Kans Bien R 13-62, 1946

- Smith et al., Kans Ent Soc J 19-48, 1946, 20 53-54,58, 1947

PHYTOPHAGA DESTRUCTOR - LOSSES CAUSED BY

- Parks, Ohio Bimo B Farm & Home Res 32 170-171, 1947

PHYTOPHAGA DESTRUCTOR - NEBRASKA

- Bare, Neb R 59 58, 1946

- i Bare & Muma, Neb Ext C 1521 rev, 8 p, 1945

- Muma & Bare, Neb R 60-53-54, 1947

- Quisenberry & Webster, Neb St Bd Agr R. f 1945 210

PHYTOPHAGA DESTRUCTOR - RACES, BIOLOGICAL

- bi Cartwright & Noble, J. Agr Res 75-147-153, 1947

PHYTOPHAGA DESTRUCTOR - REARING

- Walkden, J Ec Ent 38-56-57, 1945.

- b Walkden, J Fc Ent. 38-56-58, 1945.

PHYTOPHAGA DESTRUCTOR - RESISTANT BARLEY

- Annand, USDA EPQ R f 1946/47-27

PHYTOPHAGA DESTRUCTOR - RESISTANT WHEAT

- Anderson, USDA R. Sec f. 1946-144-145.

- Annand, USDA EPQ R. f. 1943/44 9; f 1944/45:26, f. 1945/46:24; f 1946/47 27

- i Butcher, N. Dak Ext. C. A-95-4-6, 1946.

- bi Caldwell et al., Amer Soc. Agron. J. 38-398-409, 1946.

- Cartwright, Amer Assoc. Econ. Ent. N. Cent Sts Branch P. 25-83, 1946.

- Cartwright et al., Amer. Soc. Agron J. 38:259-263, 1946

- i Kelly, Kans. Ext. C. 192:4-5, 1946.

- PHYTOPHAGA DESTRUCTOR - RESIST-
ANT WHEAT--Continued.
Packard et al., USDA YB f. 1943/47-
648.
bi Painter & Jones, Kans. Ent. Soc. J
18:130-149, 1945
Painter et al., Kans. Bien. R. 13:66-
67, 1946.
Tate & Gates, Neb. R. 58:57, 1945.
- PHYTOPHAGA DESTRUCTOR - SUR-
VEYS
Annand, USDA EPQ R. f. 1944/45:32.
Annand, Amer. Assoc. Econ. Ent. N.
Cent Sts Branch P. 25:36, 1946.
i Cartwright, USDA EPQ Ins. Pest
Surv. Sp. Sup. (1945, No. 6), 3 p.;
(1946, No. 6), 3 p.
Houser, Ohio Bimo. B. 30:164-165,
1945.
i Parks, Ohio Bimo. B. Farm & Home
Res. 32:168-171, 1947.
Rice et al., Del. B. 259:22, 1945
- PHYTOPHAGA DESTRUCTOR - TENNES-
SEE
Scott & Milam, J. Ec. Ent. 38:712-
713, 1945.
- PHYTOPHAGA DESTRUCTOR & TEM-
PERATURE
Cartwright et al., Amer. Soc. Agron. J
38:259-263, 1946.
- PHYTOPHAGA RIGIDAE (O.-S.)
(BEAKED WILLOW GALL)
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:58, 1945.
Peterson, Can. Ins. Pest Rev. 24:110,
1946.
- PHYTOPHAGA WALSHII (Felt) (CLUS-
TERED ROSETTE GALL)
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:58, 1945
- PHYTOPSIS CALIFORNICA (Coq.)
McDonald, Ohio St. Univ. Abs. Doctor-
al Diss. 53:239, 1947.
- PHYTOPTUS AVELLANAE Nal (FIL-
BERT BUD MITE)*
Keifer, J. Ec. Ent. 39:567, 1946
- PIAZURUS MACULIPES Gyll. & CANKER
OF CACAO
i Limón B., Fitófilo 4:211-213, 1945.
- *PICKLEWORM, see DIAPHANIA NITI-
DALIS (Stoll)
- PIDONIA AURATA (Horn), P. RUFICOL-
LIS (Say)
i Knull, Ohio Biol. Surv. B. 39:152-
153, 1946.
- PIDONIA SCRIPTA (Lec.)
i Hardy, Victoria Nat. 2:90, 1945.
- PIERCE'S DISEASE OF GRAPEVINES,
see under genera CICEADILLA;
CUERNA; ACINOPTERUS; DRAE-
CULACEPHALA, FRISCANUS;
GYPONANA; HELOCHARA; NEO-
KOLLA; PAGARONIA; TEXANA-
NUS; and INSECTS & PLANT DIS-
EASE - PIERCE'S DISEASE OF
GRAPEVINES; LEAFHOPPERS &
PLANT DISEASE - PIERCE'S DIS-
EASE OF GRAPEVINES
- PIERIS sp.
Flock, Ariz. St. Ent. R. f. 1944:17,
1945.
- PIERIS PROTODICE Bdv1. & Lec.
(SOUTHERN CABBAGEWORM)*
Kelsheimer, Fla. R. f. 1944/45:119.
Rawson, Bklyn. Ent. Soc. B. 40:49-54,
1945.
- PIERIS RAPAE (L.) (IMPORTED CAB-
BAGEWORM)*
Dean et al., Kans. Ent. Soc. J. 18:94,
1945
b Frings, J. Expt. Zool. 99:115-140,
1945.
Headstrom, Horticulture 23:334, 1945.
i Knight, Iowa Conserv. 4:139, 1945.
Leaver, R. I. Dept. Agr. & Conserv.
R. 11:34, 1946.
i Vorhies & Wehrle, Ariz. B. 203:26-
27, 1946
White, USDA EPQ Ins. Pest Surv. Sum.
of Ins. Conditions in 1945:10, 1946.
- PIERIS RAPAE - AEROSOLS - DDT
Owens et al., J. Ec. Ent. 40:424, 1947.
- PIERIS RAPAE - CANADA
Aranson et al., Can. Ins. Pest Rev. 24:
87, 1946.
Bird & Mitchener, Can. Ins. Pest Rev.
24:69, 1946.
Cannon, Can. Ins. Rev. 24:10, 1946
Gauthier, Can. Ins. Pest Rev. 24:31,
1946
Glendenning, Can. Ins. Pest Rev. 24
118, 1946
Glendenning et al., Can. Ins. Pest Rev.
25:32, 1947
Goble & Thompson, Ont. Crop Impr.
Assoc. Addresses Ann. Conv. f.
1947:143.
Gorham, Can. Ins. Pest Rev. 24:20,
1946.
Manson et al., Can. Ins. Pest Rev. 24:
96, 1946.
Neary, N. S. Dept. Agr. R. f. 1943/44:
101, 1945; f. 1944/45:103, 1946;
f. 1945/46:91, 1947
Patterson & Neary, Can. Ins. Pest
Rev. 24:16, 1946.
Peterson, Can. Ins. Pest Rev. 24:113,
1946.
Thompson, Can. Ins. Pest Rev. 24:37,
1946.
Ward, B. C. Dept. Agr. R. 40-V77,
1946; 41-W106, 1947.
Wressell, Can. Ins. Pest Rev. 24:56,
1946.
- PIERIS RAPAE - DUSTS
Brunn & Allen, J. Ec. Ent. 38:392,
1945.
Gertler, USDA EPQ E-705:7-8, 1946.
Hervey, N. Y. (G.) R. 64:35, 1946.
Kelsheimer, Fla. R. f. 1944/45:119.
i Krone et al., Mich. Ext. B. 4 rev.:
54-55, 1945.
Quackenbush, Conn. Circle 8(6):66,
1945.
Sun, N. Y. St. Col. Agr. Dept. Ent.
Ent. 1:23-24, 50, 53, 69-72, 75, 79,
1946.
Tauber & Drake, Iowa St. Hort. Soc.
Trans. 80:259-262, 1945.
Turner, J. Ec. Ent. 39:156, 1946.
- PIERIS RAPAE - DUSTS - DDT
Apple, J. Ec. Ent. 38:410, 1945.

PIERIS RAPAE - DUSTS - DDT - Continued

- Bruce & Tauber, J Ec Ent 38 440, 1945
 Drake & Tauber, Iowa R f 1944/45 pt 1 248-249
 Hervey, N Y (G) R 65 19, 1947
 Trullinger et al., USDA QES R f 1945/46 105, 1947
 White, USDA EPQ E-642 1, 1945
 PIERIS RAPAE - INSECTICIDES
 Annand, USDA EPQ R f 1945/46 12
 Apple, Ill Veg Grow B 6(3) 4-5, 1946
 Bottger & Levin, USDA EPQ E-729, 23 p, 1947
 Chupp & Leiby, N Y (C) Ext B 206 rev 17-20, 1947
 Clark & Hoveland, Wis B 466 4-5, 1945
 Clark & Hoveland, Wis B 472 14-16, 1947
 Kelsheimer, Fla R f 1945/46 112
 Lincoln, Ark Ext C 438 5, 1945
 Roark, USDA EPQ E-721 9, 1947
 Russell, Fla R f 1945/46 124-125
 Swingle et al., USDA EPQ E-634, 23 p., 1945

PIERIS RAPAE - INSECTICIDES - DDT
 b Hockett, J Ec Ent 39 185-188, 1946

PIERIS RAPAE - PARASITES
 Look, Hawaiian Ent. Soc. P 13 28, 1947

PIERIS RAPAE & MOSAIC OF CABBAGE
 Jensen, Hawaiian Ent. Soc. P 12-552, 557, 579, 1946

*PIGEON FLY, see PSEUDOLYNCHIA CANARIENSIS (Macq.)

*PIGEON TREMEX, see TREMEX COLUMBA (L.)

PIGEONS - PESTS

- i Levi, Pigeon ed. 2-314-327, 1945
 i Levi, Making Pigeons Pay-220-227, 234-235, 1946.
 Moise, Amer. Egg & Poul. Rev 7(12):16,18, 1946
 Price, Pigeon News 51(897) 11, 1945
 Yager & Gleiser, Amer. Vet. Med Assoc. J. 109:206-207, 1946.
 i U S. War Dept TM 11-410-73-77, 1945.

PIGMAEOPHORUS sp.

- Roark, USDA EPQ E-655:9, 1945

PIKONEMA ALASKENSIS (Roh.) (YELLOW-HEADED SPRUCE SAWFLY)*

- Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:31, 1945.
 Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:38, 1946.
 Bradley, Can. Ins. Pest Rev. 24:62, 1946.
 Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:45, 1947.
 i Daviault, For. Québécoise 12:737-739, 1947; Québec Min. Terres et For. Bur. d'Ent. C. 11,3 p., 1947?
 Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:22, 1946.

PIKONEMA ALASKENSIS--Continued.

- Gardiner, Can. Min. Agr. R f. 1946/47:94.
 Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:17-18, 1945
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:66, 1945
 Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:47, 1946
 Lejeune, Can. Ins. Pest Rev. 24:78, 1946.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:60, 1947
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:52, 1945, f. 1945 53, 1946
 Peterson, Can. Ins. Pest Rev. 24:113, 1946
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:67, 1947
 Peterson et al., Can. Ins. Pest Rev. 25:59, 1947
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 10, 1945; f. 1946 14, 1947
 Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 45-46, 1945
 Watson, Can. Ins. Pest Rev. 24 65, 1946
 Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:29, 1946
 Watson & Raizenne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:35, 1947
 PIKONEMA ALASKENSIS - PARASITES
 Briand, Quebec Soc. Protect. Plants 30:58, 1947.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:61, 1947
 Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit. Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:56-59, 1947.
 PIKONEMA DIMMOCKII (Cress.) (GREEN-HEADED SPRUCE SAWFLY)*
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:32, 1945
 Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:38, 1946.
 Bradley, Can. Ins. Pest Rev. 24:63, 1946
 Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:46, 1947.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:66, 1945.
 Lejeune, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:47, 1946.
 Lejeune, Can. Ins. Pest Rev. 24:78, 1946.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:10, 1945; f. 1946:14, 1947.

PIKONEMA DIMMOCKI--Continued.
 Richmond & McGuffin, Can. Dept. Agr.
 Div. Ent. For. Ins. Surv. R. f. 1944:
 46, 1945.

PILLBUGS
 Lyle, Miss Farm Res. 8(6):8, 1945.
 Lyle, Miss Inform Sheet 344:2, 1945.
 Wildon, Mich. Sp. B. 222 rev :22, 1946.

PILOCROCIS INGUINALIS (Guen.)
 Martorell, P. R. Univ. J. Agr. 29:535,
 1945.

PILOCROCIS RAMENTALIS (Led.) (RAM-
 IE LEAF ROLLER, FLORIDA)
 Wilson, Fla. R. f. 1946/47:204.

PILOCROCIS SECERNALIS (Mosch.)
 i Martorell, P. R. Univ. J. Agr. 29
 532-533, 535, 1945

PILOCROCIS TRIPUNCTATA (F.)
 (SWEETPOTATO LEAF ROLLER)*
 Wylie, Fla St Hort Soc P 59 91,
 1946

PIMPLA sp
 Graham, in Ont Dept Agr Div. Ent
 Parasite Invest Unit, Control For
 Ins Prov Ont. by Introd Ins. Para-
 sites:69,72, 1947

PIMPLA EXAMINATOR F., see **COC-
 CYGOMIMUS TURIONELLAE** (L.)

PIMPLA PEDALIS Cress., see **COC-
 CYGOMIMUS PEDALIS** (Cress.)

PIMPLA RUFICOLLIS Grav., see
EPHIALTES RUFICOLLIS (Grav.)

PIMPLOPTERUS sp.
 Wilkes & Anderson, Ent Soc Ont R
 77-41, 1947

PINACATE BEETLES, see **ELEODES**

***PINE BARK APHID**, see **PINEUS STRO-
 BI** (Htg.)

***PINE BUTTERFLY**, see **NEOPHASIA
 MENAPIA** (Feld & Feld)

***PINE ENGRAVER**, see **IPS PINI** (Say)

***PINE FALSE WEBWORM**, see **ACAN-
 THOLYDA ERYTHROCEPHALA** (L.)

PINE INSECTS
 i Anderson, J. Ec. Ent 40:26-33, 1947
 Biggar, For. Situation in Cal 32-33,
 1945
 Dirks & Curtis, Maine B. 438-684,
 1945.
 b Hoffmann, J. Ec. Ent. 38:375-377,
 1945
 Houser, Ohio B 659-157-158, 1945
 Kennedy, Ont Royal Comn For. R f
 1947 117
 i O'Byrne, Va Ext C. 403,8 p., 1946

**PINE INSECTS - CONTROL - SANITA-
 TION CUTTING**
 Annand, USDA EPQ R. f. 1945/46:21.
 Hall, West. For. & Conserv. Assoc.
 P. 35 25-26, 1945?
 Hall, Timberman 48(2):54,62, 1946.

PINE INSECTS - SURVEYS
 Annand, USDA EPQ R. f 1945/46:30-
 31.

PINE LEAF SCALE, see **PHENACASPIS
 PINIFOLIAE** (Fitch)

***PINE NEEDLE MINER**, see **EXOTELE-
 IA PINIFOLIELLA** (Chamb.)

***PINE NEEDLE SCALE**, see **PHENACAS-
 PIS PINIFOLIAE** (Fitch)

PINE REPRODUCTION WEEVIL, see **CY-
 LINDROCOPTURUS EATONI** Buch.

PINE SAWFLY, see **NEODIPRION SER-
 TIFER** (Geoff.)

***PINE SPITTLEBUG**, see **APHROPHORA
 PARALLELA** (Say)

PINE TIP MOTHS, see **DIORYCTRIA**
 Zell.: **RHYACIONIA** Hbn

***PINE TORTOISE SCALE**, see **TOU-
 MEYELLA-NUMISMATICUM**
 (Petit & McDan.)

***PINEAPPLE MEALYBUG**, see **PSEU-
 DOCOCCUS BREVIPES** (Ckll.)

PINEUS Shimer
 Leech, Can Dept Agr Div. Ent. For
 Ins Surv R. f. 1944 66, 1945
 Peterson, Can Dept. Agr. Div. Ent.
 For Ins Surv. R. f 1944-56, 1945

PINEUS sp
 Peterson, Can. Ins Pest Rev 24 106,
 1946
 Peterson & Sandercock, Can Dept
 Agr Div Ent For Ins Surv R. f
 1946-67, 1947

PINEUS sp. & **WHITE PINE TWIG DROOP**
 i Hoffmann et al., J. Ec Ent 40 229-
 231, 1947

PINEUS FLOCCUS (Patch)
 Reeks & Forbes, Can Ins Pest Rev
 25:71, 1947

PINEUS PINIFOLIAE (Fitch)
 Hoffmann et al., J Ec Ent 40 230,
 1947
 Reeks et al., Can Dept Agr Div Ent
 For Ins Surv R f 1944-6, 1945,
 f 1945 10, 1946

PINEUS STROBI (Htg.) (**PINE BARK
 APHID**)*
 i Boyd, N. J. Dept Agr C 355 87-88,
 1945
 Davis, Amer Nurserym 84(9) 44,
 1946
 Hoffmann et al., J Ec Ent. 40 230,
 1947
 Peterson, Can Dept Agr Div. Ent
 For. Ins. Surv R f 1945 56, 1946
 Peterson, Can Ins. Pest Rev 24:106,
 1946
 Watson & MacKay, Can Dept Agr
 Div Ent For Ins Surv R f 1945-
 31, 1946
 West, For Chron. 23:292,295, 1947

PINEUS STROBI - PREDATORS
 Graham, in Ont Dept Agr Div Ent
 Parasite Invest Unit, Control For
 Ins. Prov. Ont. by Introd Ins Para-
 sites:60-62, 1947

PINEUS STROBI - SPRAYS - DDT
 Zappe et al., Conn. B. 501:39-41,
 1946.

PINK & GREEN POTATO APHID, see
MACROSIPHUM SOLANIFOLI
 (Ashm.)

***PINK BOLLWORM**, see **PECTINOPHO-
 RA GOSSYPIELLA** (Saund.)

PINK CORNWORM, see **PYRODERCES
 RILEYI** (Wism.)

PINK-STRIPED OAKWORM, see **ANISO-
 TA VIRGINIENSIS** Drury

PINNASPIS Ckll.
 ik Ferris & Prabhaker Rao, Microen-
 tomology 12:25-58, 1947.

- PINNASPIS BUXI (Bouché)
Martorell, P R Univ J Agr 29 405, 1945
- PINNASPIS MINOR (of auth.), see PINNASPIS STRACHANI (Cooley)
- PINNASPIS STRACHANI (Cooley)
Martorell, P R Univ J Agr 29 405-406, 1945
Wolfenbarger, Fla Mango Forum P 7 17, 1947
- PINNASPIS TOWNSENDI (Ckll)
Swezev, Hawaiian Ent Soc P 12 378, 1945
- PINOTUS CAROLINUS (L.)
Cooper, Ky R 58 49, 1946
- PINTA, see SIMULIDAE & PINTA
- PIOPHILA CASEI (L.) (CHEESE SKIPPER)*
Michelbacher, Pests 15(6) 12, 1947
Thompson, Can Dairy & Ice Cream J 25(5) 62, 64, 1946
- PIOPHILA CASEI & MYIASIS
James, USDA Misc Pub 631 158-159, 1947
- PIOPHILIDAE & MYIASIS
James, USDA Misc Pub 631 158-159, 1947
- PIPUNCULIDAE - OUFBECK
Rapp, Can Field Nat 60 105, 1946
- PIPUNCULIDAE TYPES
Rapp, Can Ent 77 209, 1945
- PISON HOSPEIS Smith
Pemberton, Hawaiian Planters' Rec 50 129, 131-134, 136-139, 1946
- PISON IRIDIPENNF Smith
Pemberton, Hawaiian Planters' Rec 50 131, 133, 1946
- PISSODES ENGELMANNI Hopk (ENGELMANN SPRUCE WEEVIL)*
McGuffin & Barker, Can Dept Agr Div Ent For Ins Surv R f 1946 58, 1947
Peterson, Can Dept Agr Div Ent For Ins Surv R f 1945 54, 1946
Peterson, Can Ins Pest Rev 24 109-110, 1946; 25 54, 1947
Peterson & Sandercock, Can Dept Agr Div Ent For Ins Surv R f 1946 68, 1947
- PISSODES STROBI (Peck) (WHITE-PINE WEEVIL)*
Atwood, Can Dept Agr Div Ent For Ins Surv R f 1944 29, 1945
Boyd, N J Dept Agr C 355 122-123, 1945
Bradley, Can Dept Agr Div Ent For Ins Surv R f 1945 37, 1946
Bradley, Can Ins. Pest Rev 24 61, 1946
Davault & Lambert, Can Dept Agr Div Ent. For Ins. Surv R f 1945 22, 1946.
DeGryse, For Ent in Can :4, 1947
Guise, Cornell Plantations 1-44-45, 1945.
Kennedy, Ont. Royal Comn. For. R f 1947:117.
Lambert, Can Dept. Agr. Div Ent For Ins. Surv R f. 1944:18, 1945.
Lejeune, Can Dept Agr. Div. Ent. For. Ins. Surv. R f 1945:47, 1946
- PISSODES STROBI--Continued
Lejeune, Can Ins Pest Rev 24 79, 1946
Lejeune & Hammond, Can Ins Pest Rev 25 75-76, 1947
McGuffin & Barker, Can Dept Agr Div Ent For Ins Surv R f 1946 58, 1947
Reeks et al. Can Dept Agr Div Ent For Ins Surv R f 1944 6, 1945
Richmond & McGuffin, Can Dept Agr Div Ent For Ins Surv R f 1944 47, 1945
Sand & Bryan, USDA FB 1989 30, 1947
Watson & MacKay, Can Dept Agr Div Ent For Ins Surv R f 1945 28, 1946
Watson & Raizenne, Can Dept Agr Div Ent For Ins Surv R f 1946 35, 1947
West, For Chron 23 291-295, 1947
- PISSODES STROBI - LOSSES CAUSED BY
Watts, USDA FS R f 1947 20
- PISSODES STROBI - SPRAYS
Annand, USDA EPQ R f 1945 46 4, 16
Foss, N Y St Conserv Dept R 36 78-79, 1946
- PISSODES STROBI - SPRAYS - DDT
Craighead & Brown, USDA EPQ E-649 6, 1945, E-684 10, 1946
- *PISTOL CASEBEARER, see COLEOPHORA MALIVORELLA Riley
- PITCH NODULE MAKER, see PETROVA ALBICAPITANA (Busck)
- *PITCHERPLANT MOSQUITO, see WYCOMYIA SMITHII (Coq.)
- PITYOBIUS ANGUINUS Lec. - LARVAE
Jewett, Ky B 489 15-16, 1946
- PITYOBORUS COMATUS (Zimm.)
Beal & Massey, Duke Univ School For B 10 125, 1945
- PITYOGENES HOPKINSI Swaine, P. MERIDIANUS Blackm.
Beal & Massey, Duke Univ School For B 10 138-140, 1945
- PITYOPHTHORUS sp near LAUTUS Eichh
Beal & Massey, Duke Univ School For B 10 134-135, 1945
- PITYOPHTHORUS sp near PULCHEL-LUS Eichh
Beal & Massey, Duke Univ School For B 10 135, 1945
- PITYOPHTHORUS ANNECTENS Lec 136, P. BELLUS Blackm 129, P. COGNATUS Blackm 132, P. CON-SIMILIS Lec 137, P. CRINALIS Blackm 128, P. DENTIFRONS Blackm 134, P. LIQUIDAMBARUS Blackm 131
Beal & Massey, Duke Univ School For B. 10 1945
- PITYOPHTHORUS MEXICANUS Blackm Romney, J Ec Ent 39 671, 1946
- PITYOPHTHORUS NATALIS Blackm Beal & Massey, Duke Univ. School For B 10:130, 1945

- PITYOPHTHORUS NUDUS Swaine 137,
P. PUBERULUS (Lec.) 136, P
PULCHELLUS Eichh. 129, P
PULICARIUS (Zimm.) 133, P.
PULLUS (Zimm.) 131, P RHOIS
Swaine 128, P SCRIPTOR Blackm.
127
Beal & Massey, Duke Univ School
For B. 10: 1945
- PLAGIODERA VERSICOLORA (Laich)
(IMPORTED WILLOW LEAF
BEETLE)*
i Boyd, N J Dept Agr C 355 19-
20, 1945
Schaffner et al., USDA EPQ Ins. Pest
Surv Sum of Ins Conditions in
1945-21, 1946.
Sheppard, Can Ins. Pest Rev 24.52,
1946, 25 79, 1947
Watson & Raziene, Can. Dept. Agr
Div Ent. For Ins Surv R f 1946
38, 1947.
- PLAGIOTROCHUS SUBERI Weld
Metcalf, Econ Bot 1 45, 1947.
- PLAGITHMYSUS DAVISI Swezey
n Swezey, Hawaiian Ent. Soc P 12
621, 1946
- PLAGUE, see under genera CTENOCE-
PHALIDES; DIAMANUS, ECHID-
NOPHAGA, MALAREUS, NO-
SOPSYLLUS, PULEX, SYNOSTER-
NUS, XENOPSYLLA; and INSECTS
& DISEASE - PLAGUE
- PLAGUE, SYLVATIC, see under genera
CTENOCEPHALIDES; DIAMANUS,
HOPLOPSYLLUS; NOSOPSYLLUS,
XENOPSYLLA
- PLANT BUGS
Bissell & Dupree, Ga B 254 15,20,
1947
Drake, Iowa Dept Agr YB 47 137-
139, 1947
i Lecker, Ind. Ext B 239 rev 6-7,
1947
Underhill & Bodenstein, Va TB 97 11,
1946
- PLANT BUGS - INSECTICIDES
Hockey et al , N S Fruit Grow
Assoc R 83 146, 1946.
Smith, Kans. Bien. R. 13 65, 1946
Thompson, Fla R f 1946/47 157.
Thompson & Griffiths, Fla. St. Hort.
Soc P 60.86,88-89, 1947.
- PLANT BUGS - INSECTICIDES - DDT
Loftin, USDA EPQ E-657 5, 1945
- PLANTS & INSECTS
i Needham, Natl. Geog. Mag 90:340-
356, 1946
- PLANTS & INSECTS, see also ANTS -
PLANT ANTS; INSECTIVOROUS
PLANTS, INSECTS & PLANT DIS-
EASE, INSECTS & PLANT NUTRI-
TION, INSECTS & POLLINATION;
INSECTS & SEED PRODUCTION
- PLASTER BAGWORM, see TINEOLA
WALSINGHAM Busck
- PLATHYPENA SCABRA (F.) (GREEN
CLOVERWORM)*
bi Brannon, J. Ec Ent. 38:403-404,
1945.
Fisher & Stanley, J. Ec. Ent. 38:125-
126, 1945.
- PLATHYPENA SCABRA--Continued.
Lincoln & Miner, Ark. Ext. C. 437:13-
14, 1945.
i Smith, N. C. Res. & Farm. 4 (Prog.
R. 3) 7,9, 1946.
Stirrett, Can. Ins. Pest Rev. 25:17,
1947
- PLATOECEPICUS Pack.
ni Jones, Amer. Ent. Soc. Trans. 71:
99-124, 1945.
- PLATYBREGMUS CANADENSIS Fisher
Thompson, Can Ins. Pest Rev. 24:43,
1946.
- PLATYCARENUS NOTULATUS (Stål) -
TESTES
bi Schrader, Biol Bul 90.266,282-
288, 1946.
- PLATYCERUS Geoffr - TAXONOMY
bik Benesh, Amer. Ent. Soc Trans
72:139-202, 1946.
- PLATYGASTER SOLIDAGINIS (Ashm)
Hoffmann, J Ec Ent. 38:356-357,
1945
- PLATYLACTISCA AZTECA (Sauss.)
Romney, J Ec Ent. 39 671, 1946
- PLATYMOIDEUS ACUTUS Say, see
SCAPHYTOPIUS ACUTUS (Say)
- PLATYNASPIS sp
Omer-Cooper & Glaholm, Cit. Leaves
26(5) 29, 1946
- PLATYNOTA sp.
Flock, Ariz St. Ent R f 1944 19,
1945
Hoffmann, J Ec Ent 38 356, 1945
- PLATYNOTA FLAVEDANA Clem
Blauvelt & Hoffman, N. Y. St. Flower
Grow B. 29 4, 1947
- PLATYNOTA ROSTRANA (Wlkr)
Swezey, Hawaiian Ent Soc P 12
365, 1946.
- PLATYNOTA STULTANA Wlsm
Boyce & Ortega, Cal Citrog 32:319,
1947
Boyce & Ortega, Cit. Leaves 27(4):6-
7, 1947
Wildon, Mich. Sp B. 222 rev..21,
1946
- PLATYNUS MACULICOLLIS (Dej), see
AGONUM MACULICOLLE Dej
- PLATYPERIGEA EXTIMA (Wlkr)
Manson et al , Can Ins Pest Rev 24
104, 1946.
- PLATYPTILIA CARDUIDACTYLA (Riley)
(ARTICHOKE PLUME MOTH)*
Hermes, Hilgardia 17:365,371-374,
1947.
- PLATYPUS COMPOSITUS Say
i Beal & Massey, Duke Univ. School
For. B. 10:65, 1945.
Creighton, J. Ec. Ent. 38 706, 1945
Martorell, P. R. Univ. J. Agr. 29.
468, 1945.
- PLATYPUS EXCISUS Chap.
Martorell, P. R. Univ. J. Agr. 29:
467, 1945.
- PLATYPUS FLAVICORNIS (F.)
i Beal & Massey, Duke Univ. School
For. B. 10:63-64, 1945.
- PLATYPUS QUADRIDENTATUS (Oliv.)
i Beal & Massey, Duke Univ. School
For. B. 10:64-65, 1945.

PLATYPUS RATZEBURGI Chap.

Martorell, P. R. Univ J Agr 29
467-468, 1945

PLATYSAMIA Grote, see **SAMIA** Hbn

PLATYSENTA SUTOR (Guen.)

Wylie, Fla R f 1946/47 203

PLEBEJINAE - NEOTROPICAL

i Nabokov, Psyche 52 1-61, 1945

PLECOPTERA

b Ricker, Ind Acad. Sci P 54 225-
230, 1945.

bni Ricker, Roy Can Inst Trans 26
3-8, 401-414, 1946

Sprules, Toronto Univ Studies Biol
Ser 56 17,28-35,39-43,45,47,53-60,
62-64,66,69-70,73-74, 1947

b Walker, Ohio J. Sci 47 134-136,
1947

i Walton, Pa Angler 9 [i e 14](3) 9,
1945

PLECTISCINAE

Townes, Amer Ent Soc M 11, Pt 2
536-545, 1945

PLECOPTERA DORSALIS (Burm.)

Martorell, P R Univ J Agr 29 357,
1945

PLECOPTERA RHABDOTA Rehn & Heb.

Martorell, P R Univ J Agr 29 357,
1945

PLECTRODERA SCALATOR (F.)

i Knull, Ohio Biol Surv B 39 240,
1946.

PLEOCOMA Lec

nk Linsley, Pan-Pac Ent 21 110-114,
1945, 22 61-65, 1946

PLEOCOMA - LARVAE

bi Hayes & Chang, Ent News 58 117-
127, 1947

PLEOCOMA HIRTICOLLIS VANDYKEI

Lins - LARVAE

bi Ritcher, Pan-Pac Ent 23 11-20,
1947

Smith & Potts, Pan-Pac Ent 21 115-
118, 1945

PLESIOTHRIPS PANICUS (Moult.)

Bianchi, Hawaiian Ent Soc P 13-41,
1947

PLEUROTROPIS sp.

Manson et al., Can Ins Pest Rev. 24-
103, 1946

PLEUROTROPIS UTAHENSIS (Cwfd.)

Manson, Can Ins Pest Rev. 25 24,
1947

PLEUROTROPIS WILDERI (How.)

Bianchi, Hawaiian Ent. Soc P. 12
246, 1945

PLITOPHAGA BITUBEROSA (Lec.)

(SPINACH CARRION BEETLE)
Knowlton, Utah Mimeo Ser. 332:2,
1947.

Manson, Can. Ins. Pest Rev. 25 41,
1947.

Manson et al., Can. Ins Pest Rev 24
95, 1946

PLODIA INTERPUNCTELLA (Hbn.)

(INDIAN-MEAL MOTH)*

Balzer & Cotton, USDA FB 1906 rev.
5, 1947.

Barnes & Lindgren, Date Grow Inst.
R. 24:3-4, 1947.

Condit, Fig.186, 1947.

PLODIA INTERPUNCTELLA--Continued.

i Cotton, Pest Control & Sanit. 2(12)
12,22, 1947

Cotton & Frankenfeld, USDA EPQ
E-677 1-2,5, 1945

i Cotton et al., USDA C 720 14-15,
1945

Donohoe, Pests 14(9) 32, 1946.

Farrar, Soybean Digest 6(2) 13, 1945

i Holmes, Bakers' Helper 86(1072)
80, 1946

Kulash, N C Res & Farm 6 (Prog
R 1) 5, 1947

Lamiman & Smith, Cal Ext C 103
rev 72, 1947.

i Linsley & Michelbacher, Pest Con-
trol & Sanit. 1(10) 12-13, 1946

Michelbacher, Pests 15(6) 12, 1947

Nixon, USDA C 728 38, 1945

Smallman, Grain & Feed Jours
Consol 94 405, 1945

i Smallman, Wallerstein Lab
Commun. 8 161-162, 1945

PLODIA INTERPUNCTELLA - CANADA

Bird & Mitchener, Can Ins Pest Rev
24 72, 1946

Gardiner, Can Min Agr R f
1945/46 17,77-78

Goble, Can Ins Pest Rev 25 123,
1947

i Gray, Can Food Packer 17(11) 29,
1946

Gray, Can Ins Pest Rev 24 131-132,
1946

Gray & Smallman, Can Dept Agr
Div Ent Processed Pub 20 2,6,17,
22-23, 1945

Haas, Can Baker 60(11,12) 54, 1947

i Smallman, Can Grain J 1(7) 9,
1946

**PLODIA INTERPUNCTELLA - INSECTI-
CIDES**

Cormany, Amer Soc Sugar Beet

Technol. P. 4 327-329, 1947

Feiner, Internatl Confect 55(11) 38,
40, 1945

Hammer, J Ec Ent 40 574-575, 1947

Monro, Sci Agr 27 270-271, 1947

Monro & Delisle, Sci Agr. 25 797-
816, 1945, abridged in Pests 14(9)

14,16-17,20-22, 1946

Plank, J Ec Ent. 39 315-319, 1946

**PLODIA INTERPUNCTELLA - INSECTI-
CIDES - DDT**

Smallman, Amer Mill 73(4) 64, (7)
58, 1945.

i Stuckey, Ga R. 57 61-62, 1945

**PLODIA INTERPUNCTELLA - PACK-
AGED GOODS**

Michelbacher, Mod. Packaging 20(5).
143-145,172, 1947.

**PLODIA INTERPUNCTELLA - PARA-
SITES - COCCIDIA**

bi Steinhous, J. Parasit. 33 29-32,
1947.

***PLUM CURCULIO**, see **CONOTRACHE-
LUS NENUPHAR** (Hbst.)

***PLUM GOUGER**, see **ANTHONOMUS
SCUTELLARIS** Lec.

PLUM INSECTS

Dewey, N. Y. St. Hort. Soc P. 90 44,
1945; 91:88, 1946; 92:61-62, 1947.

PLUM INSECTS--Continued

- Frazier, J. Ec. Ent. 39 660, 1946
Merrill, Mich St Hort Soc R. 75
125-126, 1946
Mills & Dewey, N Y (C.) Ext B 711
71-75, 1947
Sherwood, W Va Ext C. 320 rev 36-
37, 1946
*PLUM LEAFHOPPER, see MACROPSIS
TRIMACULATA (Fitch)
*PLUM WEB-SPINNING SAWFLY, see
NEUROTOMA INCONSPICUA
(Nort)
PLUMERIA CATERPILLAR, see PSEU-
DOSPHEX TETRIO (L)
PLUSIA CHALCITES Esp. see CHRY-
SODEXIS CHALCITES (Esp.)
PLUTELLA MACULIPENNIS (Curt)
(DIAMONDBACK MOTH)* (CAB-
BAGE PLUTELLA)
Arnason et al, Can Ins Pest Rev 24
87, 1946.
Bird & Mitchener, Can Ins Pest Rev
24-69, 1946
Manson et al, Can Ins Pest Rev 24
96, 1946, 25 31, 1947
Plank, P R (Mayaguez) R f 1945 22-
24, 1946
Romney, Ecology 27 260-261, 1946
Thompson, Can Ins Pest Rev 24 37,
1946
White, USDA EPQ Ins Pest Surv Sum
of Ins Conditions in 1945 10, 1946
PLUTELLA MACULIPENNIS - DUSTS
Hayslip, Fla. R f 1944/45 196.
Hervey, N. Y (G) R 64 35, 1946
Kelsheimer, Fla R f 1944/45 119
Roark, USDA EPQ E-721 10, 1947
PLUTELLA MACULIPENNIS - DUSTS -
DDT
Apple, J Ec Ent 38.410, 1945
Romney et al, USDA EPQ E-672 2,
12, 1945.
White, USDA EPQ E-642 1, 1945
PLUTELLA MACULIPENNIS - FOOD
PLANTS - EFFECT ON LARVAE
Miner, J Ec Ent 40 583, 1947
PLUTELLA MACULIPENNIS - INSECTI-
CIDES
Chupp & Leiby, N Y (C) Ext B
206 rev. 17-20, 1947.
Clark & Hoveland, Wis B 466 4-5,
1945.
Gardiner, Can Mun Agr R f
1946/47:85
Plank, P. R (Mayaguez) R f 1944
15-16, 1945.
Swingle et al, USDA EPQ E-634, 23 p,
1945
PLUTELLA MACULIPENNIS - INSECTI-
CIDES - DDT
b Hockett, J Ec Ent 39.185-188,
1946
PLUTELLA MACULIPENNIS - SPRAYS
Dustan et al, Sci Agr 26 109-110,
1946.
i Dustan et al, Can Ent 79.45-48,
1947.
PLUTELLA MACULIPENNIS - SPRAYS -
DDT
Dustan, Can Ent 79-1-4, 1947

PLUTELLA MACULIPENNIS - SPRAYS -
DDT--Continued.

- i Dustan & Putman, Can Ent 79 216-
219, 1947.
PLUTELLA MACULIPENNIS & TEM-
PERATURE
Miner, J. Ec Ent 40:581-583, 1947
PNEUMONYSSUS CANINUM Chand &
Ruhe
Coffin, Man Vet Clin Path rev 60-
61, 1945
POBLICIA CONSTELLATA (Wlkr)
Myers, USDA EPQ Ins Pest Surv Sp
Sup (1947, No 1) 4
POCALTA PUNCTICOLLIS (Lec)
Lauderdale, Ariz St Ent R f
1945 46 17
PODABRUS Westw
b Fender, Pan-Pac Ent 21 77-80,
1945
ni Green, Amer Ent Soc Trans 73
63-76, 1947
PODAGRION MANTIS Ashm
Bianchi, Hawaiian Ent Soc P 12
490, 1946
Swezey, Hawaiian Ent Soc P 12 341-
342, 1945, 12 467, 1946
PODISUS MACULIVENTRIS (Say)
(SPINED SOLDIER BUG)* EGGS
i Esselbaugh, Ent Soc Amer Ann
39 686, 1946
PODISUS SERIEVENTRIS Uhl
Prebble & Graham, B C Lumberm
29(3) 38, 1945
PODIUM CAROLINA Roh
Shappirio, Ent News 58 18, 1947
PODIUM LUCTUOSUM Smith
Shappirio, Ent News 58 18, 1947
PODOFSIA SYRINGAE FRAXINI (Lug)
(ASH BORER)*
Peterson, Can Dept Agr Div Ent
For Ins Surv R f 1944 53, 1945,
f 1945 56, 1946
Peterson, Can. Ins Pest Rev 25 51,
1947
Peterson & Sanderson, Can Dept
Agr Div Ent For Ins Surv R f
1946 68, 1947
PODOFSIA SYRINGAE SYRINGAE (Hart)
(LILAC BORER)*
Arnason et al, Can Ins Pest Rev 24
89, 1946
i Boyd, N J Dept Agr C 355 136-
137, 1945
Filmer, Home Gard (N Y.) 6(3) 94,
1945
French, Gard. Gossip 21(6) 7, 1946,
22(1).11, 1947
PODUROMORPHA - HEAD
i Bonet, Mex Esc Nac. Cien Biol
An. 4.413-418, 1947.
POECILOCAPSUS LINEATUS (F.)
(FOUR-LINED PLANT BUG)*
Hamilton, Natl Chrysanthemum Soc
B. 3(2).5-6, 1947
Mills & Dewey, N Y. (C) Ext B 306
rev. 36-37, 1946.
Neary, N. S. Dept Agr & Mktg. R. f.
1945/46.92, 1947.
Patterson & Neary, Can. Ins. Pest
Rev. 25.38, 1947.

POECILOCAPSUS LINEATUS--Continued
Thompson, Can Ins Pest Rev 24 42,
1946

POECILOSCARTA HISTRIO (F.)
Scaramuzza, in Cuba Min Agr Estac
Expt Caña de Azúcar (Havana),
Caña de Azúcar en Cuba 553, 1946

POGONOCHERUS MIXTUS Hald, P. PAR-
VULUS Lec, P. PENICILLATUS
Lec
Knoll, Ohio Biol Surv B 39 260-261,
1946

POGONOMYRMEX BARBATUS MOLE-
FACIENS (Buckl) (TEXAS HAR-
VESTER ANT)*
Brett & Rhoades, J Ec Ent 39 663-
664, 1946
Rau, Ent News 56 120-121, 1945

POGONOMYRMEX CALIFORNICUS
(Buckl) (CALIFORNIA HARVEST-
ER ANT)*
Bohart, Hilgardia 17 300, 1947

POGONOMYRMEX OCCIDENTALIS
(Cress) (WESTERN HARVESTER
ANT)*
Fautin, Ecol Monog 16 265, 1946
Rau, Ent News 56 120, 1945

POGONOMYRMEX OCCIDENTALIS -
PREDATORS
Knowlton & Nye, J Ec Ent 39 546-
547, 1946

POINCIANA INSECTS
Watson, Fla Ent 27 103, 28 18-19,
1945

POISON BAIT
Annand, Amer Assoc Econ Ent N
Cent Sts Branch P 25 35, 1946
Annand, USDA EPQ R f 1944, 45 39-
41, 1946, f 1945 46 36-37, 1947
Back, USDA Leaf, 147 rev 8, 1946
Bare, Neb R 58 62-63, 1945
Bennett, Chem Specialties 266-269,
275, 1946
Clark et al, Fla B 435 11, 1947
Drake & Tauber, Iowa Dept Agr YB
46 195-196, 1946
Eyer & Enzie, N Mex B 338 10-11,
1947
Fisher, Bakers' Helper 86(1071) 55,
1946
Grandfield & Throckmorton, Kans B
328 56-57, 1945
Hammonds & Tabb, Farm Handb
115-116, 1947
Haseman, Mo B 391 ed 2 15, 1946
Hitchcock, Mont Ext Ser A-50 2,
1945
Holmes, Bakers' Helper 86(1074) 83,
1946
Howard et al, USDA Misc. Pub 526
rev :28-29, 1945.
Kendall, Cal Citrog. 31 355-356, 1946
King, Tex. Ext B 151.5, 1947.
Konkright & Lange, Cal. C. 365-33-34,
1946
Michelbacher, Pests 14(4).14, 1946.
Mills et al, Mont B. 425-10-12, 1945
Muma, Neb Ext. C 1537:14-15,17,
1946
Nettles et al., S. C. Ext. B 109.26-28,
31-33,36-37, 1947.
Parker, Kans. Bien. R 13-66, 1946.

POISON BAIT--Continued
Parker, USDA EPQ E-734 7-10, 1947
Pederson, Internatl Assoc Ice
Cream Mfrs R P 42 Prod & Lab
Council 2.11, 1946
Pepper, in N J B 718 38, 1945
Scaramuzza, Control de Plagas 8 44,
1946
Scruggs & Scruggs, Gard in So. &
West:266-267, 1947
Sherwood, W Va Ext C 320 rev 66-
67, 1946
Sherwood & Bishop, W Va Ext C
325 rev 10-12,14, 1945
Stiles, Okla Ext C 223 rev 9-10,13,
19,24-25, 1946?
Stiles & Hixson, Okla Ext C 414 2,
1945
Tissot, Fla Grow 54(1) 17, 1946
Wakeland, Amer Assoc Econ Ent
N Cent Sts Branch P 25 85-86,
1946
Wallace et al, Cal Dept Agr B 33
239, 1945, 35 194, 1947
Walton & Packard, USDA FB 1850
rev 9-10, 1947
Walton & Whitehead, J Ec Ent 38
455-456, 1945
Watson, Cit Indus 26(10) 14, 1945
Westbrook, Ga Ext B 523 41, 1945
Westcott, Home Gard (N Y) 7(1) 47,
1946
White & Doolittle, USDA Misc Pub
605 26, 1946
Wildon et al, Mich Ext B 270 30-
31, 271 45-47, 1945
Wilson, Cal Dept Agr B 36 100-
102, 1947
Mich Ext Folder F-84 5, 1945
USDA Soil Conserv Serv Upper Miss
Region Biol Handb ed 2 74-75,
1945
Va Ext B 97 rev 41-42, 1947

POISON BAIT, see also TRAPS FOR IN-
SECTS - BAIT

POISON BAIT - AMMONIUM FLUOSILI-
CATE
Annand, USDA EPQ R f 1946 47 9

POISON BAIT - ARSENIC & BRAN &
MOLASSES
Howard et al, USDA Misc Pub 526
rev 28, 1945
Lamiman & Smith, Cal Ext C 103
rev 72, 1947
McDaniel, Flor Rev 98(2534) 33-34,
1946
Pepper, Pa Veg Grow News 15(1)
58, 1945

POISON BAIT - ARSENIC & BRAN &
MOLASSES & CITRUS
Filingier, Kans. C 235 18, 1946

POISON BAIT - ARSENIC & BRAN MIX-
TURES
Walton, USDA FB 739 rev 5-6, 1946

POISON BAIT - ARSENIC & OATMEAL
& SUGAR & SALT
Back, USDA Leaf 149 rev 3, 1946

POISON BAIT - BARIUM FLUOSILI-
CATE & BRAN (WHEAT)
Price, Ky Ext C. 437 8, 1947

- POISON BAIT - BENZENE HEXACHLORIDE
Brooks & Anderson, J Ec Ent 40: 227-228, 1947
- POISON BAIT - BENZENE HEXACHLORIDE & BRAN & SAWDUST
Gaines, J. Ec Ent. 40:898, 1947
- POISON BAIT - BENZENE HEXACHLORIDE & BRAN (WHEAT)
Greenwood, Conn B. 512:59, 1946
Slat, Conn. R. f 1945/46 7.
- POISON BAIT - BENZENE HEXACHLORIDE & CORNSTARCH & DOG-FOOD
Piquett, J Ec. Ent. 41:326-327, 1948
- POISON BAIT - BENZENE HEXACHLORIDE & WHEAT
Greenwood, J Ec Ent. 40:726-727, 1947
- POISON BAIT - BORAX
Marcovitch & Stanley, Tenn R 58 109-110, 1946
- POISON BAIT - BORIC ACID
Marcovitch & Stanley, Tenn R 58: 109-110, 1946.
- POISON BAIT - BORIC ACID & SUGAR (POWDERED)
Bare, J Ec Ent. 38:407, 1945
- POISON BAIT - BRAN (DRY) & SAWDUST
Annand, USDA EPQ R f. 1944/45 21
- POISON BAIT - BRAN MASH
Chupp & Leiby, N Y. (C) Ext B 206 rev.:59,80, 1947.
- Conner & Kulash, N. C. Ext. C. 299: 4-6,11, 1947
- Lange, Spreckels Sugar Beet Bul 11 3-6, 1947
- Mote et al., Oreg Ext B 676 5-6, 1947
- Lehker, Ind Ext B. 239 rev.:11-12, 16, 1947.
- McDaniel, Gladiolus 22:45, 1947
- Parks & King, Ohio Ext B 76 rev.: 60, 1947.
- Pepper, N. J. Ten-Ton Tomato Club R f 1945:17.
- Quesada, Control de Plagas 9:75-76, 1947.
- Scott & Scott, Chrysanthemums for Pleasure 15, 1947.
- Shoemaker, Veg. Grow :444, 1947.
- Thompson, Oreg C Inform. 384:1-3, 1946.
- Stiles, Okla. Ext. C. 430:8-9, 1946.
- Vorhies & Wehrle, Ariz. B. 203:17, 33, 1946.
- b Walton & Whitehead, J. Ec. Ent. 38. 452-455, 1945.
- Watson, Cit. Indus. 28(3).25, 1947.
- Tob Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:6-7; Cigar Tob.:3-4; Burley & Dark Fire-Cured Tob.:4-6, 1947.
- POISON BAIT - CALCIUM ARSENATE & APPLE POMACE
Petty, Ill. Veg. Grow. B. 5(3, i.e. 4): 11, 1945.
- POISON BAIT - CALCIUM ARSENATE & BRAN
Ebeling, Cal Ext. C. 43 rev.:52, 1947.
- POISON BAIT - CALCIUM ARSENATE & BRAN--Continued.
Persing, Cal. Citrog. 30:94-95, 1945.
Persing, Cit Leaves 25(2):6-7,13, 1945.
- POISON BAIT - CALCIUM ARSENATE & BRAN & MOLASSES
Mitchener, Manitoaba Dept. Agr & Immigr Pub 198 3, 1945
- POISON BAIT - CALCIUM ARSENATE & LETTUCE or CABBAGE
Caribbean Res Council, Com Agr Nutr, Fisheries & For Crop Inq Ser. 4.77, 1947.
- POISON BAIT - CALCIUM ARSENATE & MOLASSES
Bullock, Pract. Farm f So ed 2: 221-222, 1946.
- POISON BAIT - CALCIUM ARSENATE & METALDEHYDE & BRAN & MOLASSES
Howard et al., USDA Misc. Pub 526 rev :19-20, 1945
- POISON BAIT - CALCIUM ARSENATE & ORANGE PULP
Persing, Cal Citrog. 30:94-95, 1945.
Persing, Cit Leaves 25(2) 6-7,13, 1945.
- POISON BAIT - CALCIUM ARSENATE & SUGAR
Rockwood & Reeher, USDA EPQ E-650 2,4-5,7-8, 1945
- POISON BAIT - CAMPHENE, CHLORINATED & BRAN & SAWDUST
Gaines, J Ec Ent. 40:898, 1947
- POISON BAIT - CHLORDANE & BRAN & SAWDUST
Brown, J Ec. Ent 40:607, 1947
Gaines, J Ec. Ent 40:898, 1947
- POISON BAIT - CHLORDANE & BRAN & XYLENE
Brooks & Anderson, J. Ec. Ent 40 227-228, 1947.
- POISON BAIT - CHLORDANE & BRAN (WHEAT)
Kelsheimer, Fla PB 640:3, 1947.
- POISON BAIT - COPPER ARSENATE (BASIC) & WHEAT MIDDLLINGS
Allen & Pollard, J. Ec. Ent. 40:658-660, 1947.
- POISON BAIT - COSTS
Wakeland, Amer. Assoc Ec Ent N Cent. Sts. Branch P 2:79, 1947.
- POISON BAIT - CRYOLITE & BRAN
Bissell & Dupree, Ga B 254:13, 1947.
Kelsheimer, Fla. St. Hort. Soc. P. 59: 82-83, 1946.
- POISON BAIT - CRYOLITE & CITRUS PULP
Roberts, J. Ec. Ent. 40:571-572, 1947.
- POISON BAIT - CRYOLITE & CORN MEAL
Conner & Kulash, N. C. Ext. C. 299:6-7, 1947.
- Marcovitch & Stanley, Tenn. R. 59:92-93, 1947.
- Price, Ky. Ext. C. 435:6, 1947.
- POISON BAIT - CRYOLITE & CORN MEAL (DRY)
Vorhies & Wehrle, Ariz. B. 203:49, 1946.

- POISON BAIT - CRYOLITE & WHEAT MIDDINGS
Allen & Pollard, J Ec Ent 40 658-660, 1947
- POISON BAIT - CUBE & WHEAT MIDDINGS
Allen & Pollard, J Ec Ent 40 658-660, 1947
- POISON BAIT - DDT
Conn Agr Expt Sta, Conn Veg Grow Assoc. P 33:84, 1946?
- POISON BAIT - DDT & BRAN
Romney et al, USDA EPQ E-672 12, 1945
- POISON BAIT - DDT & BRAN & MOLASSES
Blanchard et al, J. Ec Ent 39 817, 1946
- POISON BAIT - DDT & BRAN (WHEAT)
Tissot, Fla R f 1944, 45 64, f 1944 46 62
- POISON BAIT - DDT & CORN MEAL
Watts, S C R 59 158-159, 1947
- POISON BAIT - DDT & CRYOLITE & BRAN
Hayslip, Fla R 57 197, 1946?
- POISON BAIT - DDT & OIL & XYLENE
Trullinger et al., USDA OES R f 1945: 46 117, 1947
- POISON BAIT - DDT & WHEAT CEREAL
Greenwood, Conn B 501 97-98, 1946
Slate, Conn R f 1944, 45 16
- POISON BAIT - DDT MIXTURES
Brooks & Anderson, J Ec Ent 40 227-228, 1947
- POISON BAIT - FLUOSILICATES & FISH OIL & BRAN
Keller, Utah Farm 65(3) 10, 1945
- POISON BAIT - FLUOSILICATES & WHEAT PRODUCTS
Allen & Pollard, J Ec Ent 40 658-660, 1947
Tob Ins Conf Recom Com Recom Control Tob Ins f 1948, Flue-Cured Tob 8, 1947
- POISON BAIT - LEAD ARSENATE & BRAN & MOLASSES
Mitchener, Manitoba Dept. Agr & Immigr Pub 198 3, 1945
- POISON BAIT - LEAD ARSENATE & CORN MEAL
1 Allen & Early, S C R 59 120-124, 1947
Conner & Kulash, N C Ext C 299-6-7, 1947
Garner, Prod of Tob 286, 1946
Price, Ky Ext C 437 7, 1947
Tob Ins Conf Recom Com Recom. Control Tob. Ins f. 1948, Flue-Cured Tob 8, Cigar Tob 2-3, Burley & Dark Fire-Cured Tob. 5-6, 1947
Va Ext. B 97 rev 48, 1947.
- POISON BAIT - METALDEHYDE
Glendenning, Can. Dept. Agr Div. Ent Processed Pub. 70-3, 1947
Howard et al., USDA Misc. Pub 526 rev 19-20, 1945
Jacobs, Chem & Engin. News 25: 2712-2713, 1947.
1 Persing, Cal. Citrog. 30:94-95, 1945.
Persing, Cit Leaves 25(2):6-7, 13, 1945
- POISON BAIT - METALDEHYDE--Continued
Price, Ky Ext C 437.6, 1947
Westcott, Sun-up 2(8) 4, 1947
Tob Ins Conf Recom Com Recom Control Tob Ins f 1948, Flue-Cured Tob 6, Burley & Dark Fire-Cured Tob 4, 1947
- POISON BAIT - METALDEHYDE & BRAN
Chupp & Leiby, N Y (C) Ext B 206 rev 81, 1947
Howard et al., USDA Misc Pub 526. 19-20, 1945
- POISON BAIT - OIL & BRAN
Brooks & Anderson, J Ec Ent 40 227-228, 1947
- POISON BAIT - PARIS GREEN
Bruner, Control de Plagas 8 59, 1946.
Krone et al., Mich Ext B 4 rev 38, 1945
- POISON BAIT - PARIS GREEN & BRAN
Arnott & Goble, Can Dept Agr Div Ent Processed Pub 51.2 p, 1946
Bissell & Dupree, Ga B 254 4, 1947
Brooks & Anderson, J Ec Ent 40 227-228, 1947
Bruner & Deschappelles, Cuba (Santiago de las Vegas) C 84 10, 1946
Cannon, Can Dept Agr Div Ent Processed Pub 63.2 p, 1947
Gorham Can Dept Agr Div Ent Processed Pub 45 2-3, 1946
Lincoln, Ark Ext C 438 12, 1945
Lincoln & Isely, Ark Ext C 436 9-10, 1945
Price, Ky Ext C 435 7, 1947
Ross & Garlick, Can Dept Agr Div Ent Processed Pub 44 4, 1946
Scott, J Ec Ent 38 464-466, 1945
Thompson et al, USDA FB 1646 rev 25, 1947
Saskatchewan Univ, Guide to Farm Pract in Saskatchewan 89,90,99, 1945.
- POISON BAIT - PARIS GREEN & BRAN & MOLASSES
Beckwith, N J Dept Agr C 356 46, 1945
Colby, Ill Ext C. 453 rev 50-51, 1946
Gorham, Can Dept Agr Div Ent Processed Pub 58 2, 1946.
Johnson & Ogden, Wis B 467 26, 1945
Lamiman & Smith, Cal. Ext C 103 rev 72, 1947
Lathrop & Wyman, Maine Ext C 213 5-6, 1945.
Mills & Dewey, N Y (C) Ext. B 306 rev 28, 1946
Mitchener, Manitoba Dept Agr & Immigr Pub 198 3, 1945
Pepper, Pa Ext Veg Grow News 15(1) 58, 1945.
Pepper, Pa Ext C 287-11, 1946.
Scaramuzza, Inst. Cubano de Suelos y Abonos 5:839, 1946.
- POISON BAIT - PARIS GREEN & BRAN & MOLASSES & CITRUS
Filing, Kans C 235-18, 1946

- POISON BAIT - PARIS GREEN & BRAN
& SAWDUST & CITRUS
Lockwood, Cal Dept Agr B 36 159,
1948.
- POISON BAIT - PARIS GREEN & BRAN
& SUGAR & SALT
Osorio, Control de Plagas 7 41, 1945
- POISON BAIT - PARIS GREEN & BRAN
(DRY) & WATER
Walton, USDA FB 739 rev 6, 1946
- POISON BAIT - PARIS GREEN & BRAN
(WHEAT)
Garner, Prod of Tob 295, 1946
Lyle, Miss Farm Res 8(4) 7, 1945
Price, Ky Ext C 437 6-7, 1947
Walton, USDA FB 739 rev 5, 1946
- POISON BAIT - PARIS GREEN & BRAN
(WHEAT) & MOLASSES
Garner, Prod. of Tob. 279, 292, 1946
Granovsky, Minn Hort 75 36, 1947
- POISON BAIT - PARIS GREEN & BRAN
(WHEAT) & OIL
Hayship, Fla R 57 215, 1946?
- POISON BAIT - PARIS GREEN & BRAN
(WHEAT) & SAWDUST & MOLAS-
SES
Walton, USDA FB 739 rev 6, 1946
- POISON BAIT - PARIS GREEN & BRAN
MIXTURES
Bruner, Control de Plagas 9 8, 1947
- POISON BAIT - PARIS GREEN & CORN
MEAL & SYRUP
Allen & Pollard, J. Ec Ent 40 656-
660, 1947
- POISON BAIT - PARIS GREEN & COT-
TONSEED MEAL
Marcovitch & Stanley, Tenn R 58 116,
1946
- POISON BAIT - PARIS GREEN & FLOUR
& SUGAR (BROWN)
Jennings, R. I Misc Pub 26 17, 1945
- POISON BAIT - PARIS GREEN & HAM-
BURG STEAK
Mote, Oreg C Inform 388 2, 1946
- POISON BAIT - PARIS GREEN & NITRO
BENZENE
Conner & Kulash, N. C Ext C 299 7-
8, 1947
- POISON BAIT - PARIS GREEN & NITRO-
BENZENE & CORN MEAL
Garner, Prod of Tob 281, 1946
Nettles et al, S C Ext B 109 33,
1947
Price, Ky Ext C 437 8, 1947
Tob Ins. Conf Recom Com Recom
Control Tob Ins f 1948, Flue-Cured
Tob.; 9; Burley & Dark Fire-Cured
Tob. 7, 1947
- POISON BAIT - PARIS GREEN & SUGAR
Westcott, Sun-up 2(8) 5, 1947.
- Wildon, Mich Sp B 222 rev. 22, 1946.
- POISON BAIT - PARIS GREEN & SUGAR
(BROWN)
Mitchener, Manitoba Dept Agr &
Immigr Pub 198:3, 1945.
Steinweden, Orchid Digest 9:267, 1945.
- POISON BAIT - PARIS GREEN &
WHEAT PRODUCTS
b Allen & Pollard, J. Ec Ent 40:655-
660, 1947.
Conner & Kulash, N. C. Ext. C. 299.5,
1947.
- POISON BAIT - PEANUT SHELLS
Sci News Let 51 392, 1947
- POISON BAIT - PHOSPHORUS PASTE
Fisher, Bakers' Helper 86(1071) 55,
1946
- POISON BAIT - PYRETHRUM & SODI-
UM FLUORIDE & DEXTRIN
Marcovitch & Stanley, Tenn R 58
112-113, 1946
- POISON BAIT - PYRETHRUM & SODI-
UM FLUOSILICATE & DEXTRIN
Marcovitch & Stanley, Tenn R 58
112-113, 1946
- POISON BAIT - PYRETHRUM & WHEAT
MIDDLLINGS
Allen & Pollard, J Ec Ent 40 658-
660, 1947
- POISON BAIT - SODIUM ARSENATE &
SUGAR & HONEY
Dickey et al, Fla B 436 42, 1947
- POISON BAIT - SODIUM ARSENITE &
FLOUR & SUGAR (POWDFRED)
Mallis, Pest Control & Sanit 2(1) 9,
1947
- POISON BAIT - SODIUM ARSENITE &
WHEAT MIDDLLINGS
Allen & Pollard, J Ec Ent 40 659,
1947
- POISON BAIT - SODIUM FLUOACE-
TATE & BRAN
Marcovitch & Stanley, Tenn R 58
109, 1946
- POISON BAIT - SODIUM FLUORIDE
Fisher, Bakers' Helper 86(1071) 55,
1946
- POISON BAIT - SODIUM FLUORIDE &
BRAN & SAWDUST & MOLASSES
Glendenning, Can Dept Agr Div Ent
Processed Pub 21 rev 3-4, 1947
- POISON BAIT - SODIUM FLUORIDE &
DEXTRIN
Marcovitch & Stanley, Tenn R 58
111-112, 1946
- POISON BAIT - SODIUM FLUORIDE &
FLOUR
Back, USDA Leaf 149 rev 3, 1946
Mallis, Pests 13(4) 14, 1945
- POISON BAIT - SODIUM FLUORIDE &
FLOUR & SUGAR (POWDERED)
Mallis, Pest Control & Sanit. 2(1) 9,
1947
- POISON BAIT - SODIUM FLUORIDE &
OATMEAL & SUGAR & SALT
Back, USDA Leaf 149 rev 3, 1946
Lincoln, Ark. Ext C 362 rev 16,
1945
- POISON BAIT - SODIUM FLUORIDE &
PYROPHYLLITE
Marcovitch & Stanley, Tenn R 58
111-112, 1946
- POISON BAIT - SODIUM FLUOSILICATE
Annand, USDA EPQ R f 1946/47 9.
Duncan, Quebec Min Agr R. f.
1946/47 12.
Howard et al., USDA Misc. Pub. 526
rev. 34-35, 1945
- Krone et al., Mich. Ext. B 4 rev. 38.
1945
- Marcovitch & Stanley, Tenn. R. 58
109-110, 1946.
- Wakeland, Amer. Assoc Ec. Ent. N.
Cent. Sts. Branch P. 2:78-79, 1947.

- POISON BAIT - SODIUM FLUOSILICATE & BRAN**
 Bissell & Dupree, Ga B 254 4, 1947
 Knowlton & Peay, Utah Mimeo Ser 325 1, 1946
 Lincoln & Isely, Ark Ext C 436 9-10, 1945
 Thompson et al, USDA FB 1646 rev 25, 1947
- POISON BAIT - SODIUM FLUOSILICATE & BRAN & FISH OIL**
 Knowlton, Utah Ext N S C 145 2-3, 1945
- POISON BAIT - SODIUM FLUOSILICATE & BRAN & MOLASSES**
 Pepper, Pa Veg Grow News 15(1) 58, 1945
- POISON BAIT - SODIUM FLUOSILICATE & BRAN & SAWDUST**
 Games, J Ec Ent 40 898, 1947
 Mimms & Zaumeyer, USDA FB 1996 40, 1947
 Severin, S Dak R 59 17, 1946
 Wallace et al, Cal Dept Agr B 33 239, 1945
 Mo Agr Col Depts Hort & Ent, Mo Ext C 540 14, 1947
 U S War Dept TM 5-632 (PB-2435) 106 110, 1945
- POISON BAIT - SODIUM FLUOSILICATE & BRAN (MILL-RUN) & SAWDUST**
 Knowlton, Utah Ext B 151 2-4, 1947
 Wakeman, Agr Chem 1(4) 18, 57, 1946
- POISON BAIT - SODIUM FLUOSILICATE & BRAN (WHEAT)**
 Annand, USDA EPQ R f 1944 45 43, f 1945 46 38
 Gainer, Prod of Tob 291-292, 1946
 Howard et al, USDA Misc Pub 526 rev 29, 1945
 Price, Ky Ext C 437 6-7, 1947
- POISON BAIT - SODIUM FLUOSILICATE & DEXTRIN**
 Marcovitch & Stanley, Tenn R 58 111-112, 1946
- POISON BAIT - SODIUM FLUOSILICATE & PYROPHYLITE**
 Marcovitch & Stanley, Tenn R 58 111-112, 1946
- POISON BAIT - SODIUM FLUOSILICATE & SHORTS & RAISINS**
 Ross & Garlick, Can Dept Agr Div Ent Processed Pub 44 4-5, 1946
- POISON BAIT - SODIUM FLUOSILICATE & SUGAR**
 Rockwood & Reeher, USDA EPQ E-650 4-5, 1945
- POISON BAIT - SODIUM FLUOSILICATE MIXTURES**
 Buchholz, N Y Dept Agr & Mkts R f 1944 103, 1945, f 1945.126-128, 1947, f 1946/47 128.
- POISON BAIT - TARTAR EMETIC**
 Kyd, Okla Ext. C 454-5, 1947
 Lincoln, Ark. Ext C 362 rev 12, 1945
 Persing, Cal. Citrog 30:94-95, 1945.
 Persing, Cit. Leaves 25(2) 6-7, 13, 1945
- POISON BAIT - TARTAR EMETIC & SYRUP**
 Mote, Oreg C. Inform. 388 1, 1946.
- POISON BAIT - TESTS**
 bi Allen & Pollard, J Ec Ent 40 655-660, 1947
 Brooks & Anderson, J Ec Ent 40 226-228, 1947
 Gaines, J Ec Ent 40 896-899, 1947
 Haviland, J Ec Ent 40 417, 1947
 b Scott & Milam, USDA FPQ E-735 1-11, 1947
 b Walton & Whitehead, J Ec. Ent 38 458-463, 1945
- POISON BAIT - THALLIUM SULFATE**
 Howard, Better Homes & Gard 25(9) 219, 1947
- POISON BAIT - THALLIUM SULFATE JELLY**
 Ahlgren, N J B 724 25, 1946
- POISON BAIT - THALLIUM SULFATE JELLY & PEANUT BUTTER**
 Schmitt, Pests 15(10) 50, 1947
- POISON BAIT vs DDT**
 Handford, Can Ent 79 36-37, 1947
- POISON BAIT ADJUVANTS**
 Trullinger et al, USDA OES R f 1945. 46 116, 1947
- POISON BAIT ADJUVANTS - OILS vs WATER**
 Walton & Whitehead, J Ec Ent 38 456 1945
- POISON BAIT APPARATUS - SPREADERS**
 Annand, USDA EPQ R f 1943 44 43-44, f 1945 46 36
 i Thompson, Oreg C Inform 384 5, 1946
- POISON BAIT RESIDUE - ARSENICAL**
 Scott, J Ec Ent 38 464-466, 1945
- POISONOUS ARTHROPODS**
 bi Dodge, Poisonous Dwellers of the Desert 8-27, 38-44, 1947
 Montgomery, Pest Control & Sanit 2(6) 13-15, 1947
- POISONOUS ARTHROPODS, see also**
 APHIS MFLIFERA - VENOM,
 CATERPILLARS & URTICARIA,
 INSECTS - VENOM, INSECTS &
 DISEASE - DERMATITIS, SCOR-
 PIONS - VENOM, SPIDERS -
 VENOM
- POISONS - ECONOMIC**
 Cox, Cal Dept Agr B 33 315-319, 1945
 Lemmon, Cal Dept Agr B 34 258-268, 1946, 35 273-282, 1947
 Ariz Sp B Econ Poisons R 1, 24 p, 1946
- POISONS - ECONOMIC, see also INSEC-
 TICIDES**
- POISONS - ECONOMIC - ANALYSIS**
 Cox, Cal Dept Agr Sp Pub 213, 101 p, 1945
 Lemmon et al, Cal. Dept Agr Sp Pub 219, 121 p, 1946, 233, 102 p, 1947
- POISONS - ECONOMIC - ANTIDOTES**
 i Brooks & Alyea, Poisons, 209 p, 1946
- POISONS - ECONOMIC - LABELS**
 Lemmon, Agr Chem 2(6) 29, 31, 71, 1947

POISONS - ECONOMICS - LEGISLATION
Hamilton, Soap & Sanit. Chem. 23(11):
114-115, 1947

Oil, Paint & Drug Rptr. 152(15):3,52,
1947

POISONS - ECONOMIC - TOXICITY
Cox, Cal. Dept. Agr. B. 33 318-319,
1945.

POLISTUS LUZONENSIS Roh.

Van Zwaluwenburg, Hawaiian Plant-
ers' Rec 50:16, 1946

Williams, Hawaiian Ent. Soc. P. 12
480, 1946

Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f.
1944/45, 18, 1946

POLIA LILACINA (Harvey)

Arnason et al., Can. Ins. Pest Rev. 24
83, 1946

POLIOMYELITIS, *see under* genera BU-
FOLUCILIA; CALLIPHORA, CU-
LEX; CYNOMYOPSIS, DROSOPH-
ILA, LUCILIA, MUSCA, MUSCI-
NA, OPHYRA; PHAENICIA,
PHORMIA, SARCOPHAGA, STO-
MOMYS, and FLIES & DISEASE -
POLIOMYELITIS, INSECTS &
DISEASE - POLIOMYELITIS; MOS-
QUITOES & DISEASE - POLIO-
MYELITIS

POLISTES - Latr

i Howes, Nat. Hist. 54:85-88, 1945

Rau, J. Compar. Psychol. 38 291-293,
1945

Rau, Ent. Soc. Amer. Ann. 39 23-25,
1946.

POLISTES - DUSTS - DDT

Dove, USDA EPQ E-673:14, 1945

POLISTES - NESTS - ATTRACTION FOR
MOTHS

Rawson, N. Y. Ent. Soc. J. 55 42, 1947.

POLISTES ANAHEIMENSIS Prov.

Bohart, Hilgardia 17:294, 1947

POLISTES FUSCATUS (F.) - INSECTI-
CIDES

Abbott, J. Ec. Ent. 38 619, 1945

POLISTES FUSCATUS AURIFER (Sauss.)

Bohart, Hilgardia 17:294, 1947

Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f.
1944/45-18, 1946.

POLISTES FUSCATUS HUNTERI Beq

Spieth, N. Y. Ent. Soc. J. 55:312,
1947. (Abs.)

POLISTES GALLICUS (L.)

i Riegel, Ent. News 57 33-34, 1946.

POLISTES PALLIPES Lep.

Rau, Ent. Soc. Amer. Ann. 39.11-27,
1946.

POLISTES VARIATUS Cress.

Rau, Ent. Soc. Amer. Ann. 39.11-27,
1946.

POLLEN PLANTS, *see* HONEY PLANTS

POLLINIA RUDIS (F.) (CLUSTER FLY)*

i Curran, Nat. Hist. 55 94, 1946.

Davis, Ind. Acad. Sci. P. 56:153, 1947?

Haseman, Pests 15(7):26, 1947.

Spencer, B. C. Ent. Soc. P. 43:22, 1947.

Stirrett, Can. Ins. Pest Rev. 25:119,
1947.

Thompson, Can. Ins. Pest Rev. 24:44,
1946.

POLLENIA RUDIS - SPRAYS - DDT

Harman, J. Ec. Ent. 39:210, 1946.

USDA EPQ & U. S. Pub. Health Serv.,
DDT for Control of Household Pests
8, 1947

POLLENIA RUDIS & ATMOSPHERIC

PRESSURE

Wellington, Can. J. Res. Sect. D 24.
105-117, 1946

POLLENIA RUDIS & MYIASIS

James, USDA Misc. Pub. 631 77, 1947.

POLLINIA POLLINI (Costa) (OLIVE

POLLINIA SCALE)

Annand, USDA EPQ R. f. 1944/45 30

Armitage et al., Cal. Dept. Agr. B.
34 173, 1946; 35 196, 1947

Keifer, Cal. Dept. Agr. B. 33 252-
253, 1945

Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1) 6.

POLYCAON CONFERTUS Lec

Condit, Cal. Ext. C. 135 34, 1947

Smith, Cal. Ext. C. 98 rev. 49-51,
1946

POLYCESTA sp.

Flock, Ariz. St. Ent. R. f. 1944-21,
1945

POLYCHROSIS VITEANA (Clem.)

(GRAPE BERRY MOTH)*

Chandler, Ill. St. Hort. Soc. Trans.
80 141, 1947.

Figy, Mich. St. Dept. Agr. Bien. R. 11
109-110, 1945, 12:132-133, 1947

Hartzell, & Taschenberg, N. Y. (G.)
R. 63 23, 1945

Houser, Ohio St. Hort. Soc. P. 100 21,
1947

i Mills & Dewey, N. Y. (C.) Ext. B.
306 rev. 51-54, 1946

Ragland & Overcash, Miss. Farm Res.
10(12) 7, 1947

Roberts & Bourne, Mass. Ext. Leaf.
64 rev. 12, 1947

Ross, Can. Ins. Pest Rev. 24 45, 1946.

Smith et al., Kans. Ent. Soc. J. 19 48,
1946

Still, Ohio St. Hort. Soc. P. 100.146-
148, 1947.

Talbert, Gen. Hort. 192-193, 1946

Taschenberg, Cornell Univ. Abs.

Theses f. 1945.154-157, 1946.

POLYCHROSIS VITEANA - OVICIDES

Taschenberg, N. Y. (G.) R. 64:34,
1946

POLYCHROSIS VITEANA - SPRAYS

Annand, USDA EPQ R. f. 1945/46:3;
f. 1946/47:22.

Chandler, Ill. St. Hort. Soc. Trans.
79-289, 1946.

Chandler et al., Amer. Assoc. Ec.
Ent. N. Cent. Sts. Branch P. 2:60-
61, 1947.

Fillinger, Kans. C. 235:37, 1946.

Gardiner, Can. Min. Agr. R. f.

1945/46:71; f. 1946/47.84-85.

Lininger et al., Pa. B. 475:30, 1945;

480:41, 1946; 488:29, 1947.

Rasmussen et al., Mich. Ext. B. 154
rev. 46-47, 1946.

Ross & Armstrong, Can. Dept. Agr.

Sci. Serv. Div. Ent. Processed Pub.
26:6-8, 1945.

POLYCHROSIS VITEANA - SPRAYS -
DDT

- Baker & Porter, USDA EPQ E-637 5,
1945
Fleming, USDA EPQ E-724 4,12, 1947
Fleming & Maines, J Ec Ent 40 845-
850, 1947
Hadley & Fleming, USDA EPQ E-645
3-5,7, 1945
Hutson, Mich St Hort Soc R 75
127, 1946
Still, Ohio St Hort Soc P 79 81-82,
1946
Trullinger et al , USDA OES R f
1945/46 107-108, 1947

POLYCTENIDAE

- b Usinger, in Horvath et al Gen. Cat
Hemiptera Fasc V. 18 p., 1946

POLYDESMA UMBRICOLA Bdlv (MON-
KEY POD CATERPILLAR)

- Fullaway, Hawaiian Ent Soc P 13 6,
1947
Pemberton, Hawaiian Ent Soc P 12
482, 1946
Pemberton, Hawaiian Planters' Rec
50 106, 1946
Van Zwaluwenburg, Hawaiian Ent Soc
P 12 475-476, 1946
1 Van Zwaluwenburg, Hawaiian Plant-
ers' Rec 50 15-16, 1946
Williams, Hawaiian Sugar Planters'
Assoc R 65, Expt Sta R f
1944-45 17-18, 1946
Williams, Hawaiian Ent Soc P 12
479, 1946, 13 14, 1947

POLYDESMA UMBRICOLA - FOOD &
HOST PLANTS

- Rose & Van Zwaluwenburg, Hawaiian
Ent Soc P 12 484, 1946

POLYDESMA UMBRICOLA - INSECTI-
CIDES

- 1 Holdaway & Nishida, Hawaii R f
1944 46 74-76, 1947

POLYDESMA UMBRICOLA - INSECTI-
CIDES - DDT

- 1 Fullaway, Hawaii Bd Comnrs Agr
& For Bien. R f 1944/46 41
Pemberton, Hawaiian Sugar Planters'
Assoc P 66, Expt Sta R f
1945/46 26, 1947

POLYDRUSUS SERICEUS (Schall)

- Frost, Psyche 53 51, 1946

POLYERGUS Latr - UNITED STATES

- nik Smith, Amer. Mid Nat 38 150-
161, 1947

POLYERGUS LUCIDUS Mayr

- Haskins, Can. Nature 8 142, 1946

POLYGONIA COMMA (Harr.)

- 1 Hardy, Victoria Nat. 2:142, 1946

POLYGONIA FAUNUS (Edwards)

- 1 Hardy, Victoria Nat. 2:143, 1946

POLYGONIA INTERROGATIONIS (F)

- 1 Hardy, Victoria Nat. 2:142, 1946

POLYGONIA OREAS SILENUS (Edwards)

- Hardy, Victoria Nat. 2:143, 1946.

POLYGONIA PROGNE (Cram.)

- 1 Hardy, Victoria Nat. 2:143, 1946.

POLYGONIA SATYRUS (Edwards)

- Hardy, Victoria Nat. 2:143, 1946.

POLYGRAPHUS RUFIPENNIS (Kby.)

- 1 Beal & Massey, Duke Univ. School
For. B. 10:73-74, 1945.

POLYMERUS BASALIS (Reut)

- Romney, J Ec Ent 39 671, 1946

*POLYPHEMUS MOTH, see TELEA
POLYPHEMUS (Cram)

POLYPHYLLA ARGUTA Casey

- Fautin, Ecol. Monog 16 264, 1946

POLYPHYLLA PERVERSA Casey, see

- POLYPHYLLA 10- LINEATA (Say)

POLYPHYLLA 10- LINEATA (Say)

- (TEN-LINED JUNE BEETLE)*
Callenbach, Mont Ext Ser A-52,
2 p., 1945

- Downes, Can Ins Pest Rev 24 127,
1946, 25 9, 1947

- Shull & Manis, Ida Ext B 150 8,
1945

POLYPLAX CAMPYLOPTERI

- Zavaleta R

- bni Zavaleta R, Mex Univ Nac Inst

- Biol An 16 431-434, 1945

POLYPLAX SPINULOSA (Burm.)

- (SPINED RAT LOUSE)*
Cole, U S Pub Health Rpts 61 1473,
1478-1480, 1483-1484, 1946

- Randolph & Eads, J Ec Ent 39 539,
1946

- Rumreich, U S Pub Health Rpts 60
890,892,899-900,902, 1945

POLYPLAX SPINULOSA - INSECTI-
CIDES - DDT

- Ludwig & Page, U S Pub Health
Rpts 62 78,83, 1947

- b Morlan, J Ec Ent 40 917-918,
1947

POLYPLAX SPINULOSA - SURVEYS

- Cole & Koepke, U S Pub Health Rpts
Sup 202 28-30,33,35-36,38-39 44-
45,50-51,53-57,63,66-71, 1947

POLYPLAX SPINULOSA & TYPHUS,
MURINE

- Hill & Ingraham, U S Pub Health
Rpts 62 880, 1947

- b Pullen & Stuart, N O Med & Surg
J. 98 150-154, 1945

- b Rumreich & Koepke, U S Pub
Health Rpts 60 1421-1422, 1945

POMPHOPOEA SAYI (Lec) (SAY BLIS-
TER BEETLE)*

- Maltais, Can Ins Pest Rev 25 3,
1947

- Sheppard, Can. Ins Pest Rev. 24 51,
1946

POMPHOPOEA SAYI - SWARMS

- Houghton, Bklyn Ent Soc. B 42 103-
105, 1947

PONTANIA sp

- Peterson, Can. Dept Agr. Div. Ent
For Ins Surv R f 1944 57, 1945,
f 1945 58, 1946

- Peterson, Can Ins Pest Rev. 24 114,
1946.

POPCORN INSECTS - CONTROL

- Smith & Brunson, Ind B 510 14,
1947 (Repr.)

POPILLIA JAPONICA Newm (JAPA-
NESE BEETLE)*

- Adams, Flor Exch 106(25) 14, 1946

- Annand, New Internatl YB 1944 296,
1945

- Annand, USDA EPQ R. f 1943/44:4,
1944/45:35-36; f 1945/46:33-34

POPILLIA JAPONICA--Continued.

- Bailey, Vt Comnr Agr. Bien R 23 79-80, 1947
Conklin, N H. B 367:33, 1946.
Douglass, Mo St Dept Agr. Bien R f 1945/47 39-40
Drake et al , Iowa Dept. Agr YB 47 115, 1947
i Figy, Mich Dept Agr Bien R 11 95-97, 1945, 11 130-131, 1947
French, Gard Gossip 22(10) 12, 1947.
Hadley, USDA EPQ Ins. Pest Surv Sum of Ins Conditions in 1945 5-6, 1946
Hadley & Hawley, USDA EPQ Ins Pest Surv Sum of Ins Conditions in 1944-5, 1945
Henderson, Home Gard So 5.86, 1945
Marcovitch & Stanley, Tenn R 57 78, [1945]
Phillips, Gard Gossip 27(7) 17-18, 1946
Smith et al , Kans Ent. Soc J 19 49, 1946, 20 54,58, 1947
Wallace, Ind YB 28 930-931, 1945?
POPILLIA JAPONICA - AEROSOLS
Annand, USDA EPQ R f 1945/46 19, f 1946/47 21
POPILLIA JAPONICA - AEROSOLS - DDT
Smith et al , J Ec Ent 38 195, 1945
POPILLIA JAPONICA - ATTRACTANTS
Annand, USDA EPQ R f 1943/44 27
Kemp, Md R 59 20, 1946
Langford & Cory, Sci News Let 48 375, 1945
Langford & Cory, J Ec Ent 39 245-247, 1946
POPILLIA JAPONICA - CALIFORNIA
Armitage, Cal Dept Agr B 33 234, 1945.
Ryan, Los Angeles Co Cal Agr Comnr R f 1944/45 3.5, f 1945/46 11, f. 1946/47 9-10.
POPILLIA JAPONICA - CANADA
Baker, Can Dept Agr Plant Protect Div. News Let 2(7) 1-8, 1945
Gardiner, Can Min Agr. R. f. 1944/45-70-71; f. 1945/46 18,86-87, f. 1946/47-103
Harrison, N S Dept Lands & For R f 1944-46, 1945, f. 1945-39, 1946
Kennedy et al., Ont Dept Agr. R. f 1944/45-73,107; f 1945/46-70,121, f. 1946/47-24,93
Neary, N S Dept. Agr. & Mktg. R f 1944/45-105-106, 1946; f 1945/46 94-95, 1947
Reed, Can. Ins. Pest Rev. 25-8-9, 1947.
Sheppard, Can. Ins. Pest Rev 24-51, 1946.
Thompson, Can Ins. Pest Rev. 24.42, 1946
Twinn, Can. Ins. Pest Rev. 23:6, 1945
Twinn, Ent. Soc Ont. R. 75:49, 1945.
Wressell, Can Ins. Pest Rev. 24-56, 1946.
POPILLIA JAPONICA - CONNECTICUT
i Schread, Conn. B. 501:60-64; 512: 46-50, 1946; 505,20 p., 1947.
Slate, Conn. R. f 1944/45:16-18, f. 1945/46:11

POPILLIA JAPONICA - CONTROL

- Bromley, J Ec Ent.40:237,239, 1947
Decker, Golfdom 20(3):22,65, 1946
Hadley, USDA EPQ E-727.7 p, 1947
POPILLIA JAPONICA - CONTROL - MILITARY ZONES
i Easter, J Ec Ent 40 632-634, 1947
i U S War Dept. TM 5-632 (PB-2435) 105-106, 1945
POPILLIA JAPONICA - DELAWARE
Rice et al., Del. B 259:22, 1945
Stearns, Del B 263 26, 1947
Stokes, Del St Bd Agr Quart B 35(3) 42, 1945, 36(3) 42, 1946
POPILLIA JAPONICA - DISEASES - FUNGUS DISEASES
Weiss, N J Dept. Agr R 30 193, 1945, 31 146,151-152, 1946, 32 161-162, 1947
POPILLIA JAPONICA - DISEASES - MILKY DISEASE
b Adams & Wheeler, J Ec Ent 39 248-254, 1946
Annand, USDA EPQ R f 1943/44 4, f 1944/45 24-25, f 1945 46 23-24, f 1946/47 26
bi Beard, Conn B. 491.505-583, 501 66-71, 1946
Brantley, Amer Fruit Grow 65(5) 32, 1945
Brantley, Gard Chron Amer 49 79, 1945
Brantley, Greenkeepers' Rptr 13(2) 19, 1945
Brantley, South Home & Gard 12(12) 17, 1945
Buchholz, N Y Dept Agr & Mkts R f 1944 104-105, 1945, f 1945 128-129, 1947, f 1946/47 133-134
Carruth et al , N. Y. (G.) B 715 12-13, 1946
French, Va Dept Agr B 446 9, 1946
Hadley, USDA EPQ E-727 6-7, 1947
Henderson, Home Gard So 5 86, 1945
Jennings, R I Misc Pub 26 16, 1945
Knutson, R. I Dept. Agr & Conserv R 12 36, 1947
Polivka, Ohio B 665 42, 1946, 673 75-76, 1947
Polivka, Ohio Bimo B Farm. & Home Res. 32.146-148, 1947
Porter, Ent Soc Wash. P 48.108-109, 1946 (Abs.)
Schread, Conn B 488 331-337, 1945, 501:64-65, 1946, 512-49, 1946.
Slate, Conn. B 484-59-60, 1945
Stearns & Rice, Del. B. 259:20, 1945
Van Dine, USDA Agr. Res Adm R. A. S 13(E),2 p., 1945.
i Wheeler & Adams, N. Y. (G) Farm Res. 11(1).14-15, 1945
Wheeler & Adams, N. Y. (G) R. 65 18-19, 1947.
White, USDA EPQ E-703.4 p., 1946.
White & McCabe, USDA EPQ E-704, 6 p., 1946.
POPILLIA JAPONICA - DISEASES - MILKY DISEASE - A & B STRAINS
Beard, Science 103:371-372, 1946.
Beard, Sci. News Let. 49:239, 1946.

- POPILLIA JAPONICA - DISPERSAL BY
AIRCRAFT
Gaddis & Goodhue, J. Ec. Ent. 40:240-
244, 1947
- POPILLIA JAPONICA Newm. - DISTRI-
BUTION
bi Hawley & Dobbins, N. Y. Ent. Soc. J.
53(1):1-20, 1945
- POPILLIA JAPONICA - DUSTS
Pratt et al., N. Y. (C.) Ext. B. 696
rev. 63, 1947
- POPILLIA JAPONICA - DUSTS - DDT
French, Va. Dept. Agr. & Immigr. B.
458:12, 1947
- POPILLIA JAPONICA - DUSTS - DDT &
FERTILIZER
Conklin, N. H. B. 367:45, 1946
- POPILLIA JAPONICA - ERADICATION
Alden, Ga. Dept. Ent. B. 89:9, 1946
90:10, 1947
- Lyle, J. Ec. Ent. 40:3, 1947
- POPILLIA JAPONICA - FLORIDA
Alden, Ga. Dept. Ent. B. 87:7,10, 1945
- POPILLIA JAPONICA - FOOD & HOST
PLANTS
Fleming, USDA EPQ E-724:3-7, 1947
- POPILLIA JAPONICA - FOOD & HOST
PLANTS - CHESTNUTS
Blake & Edgerton, N. J. B. 717:20,
1945
- Reed, North. Nut. Grow. Assoc. R. 37
56-57, 1947
- POPILLIA JAPONICA - FOOD & HOST
PLANTS - CHRYSANTHEMUMS
Hamilton, Natl. Chrysanthemum Soc.
B. 32:8, 1947
- POPILLIA JAPONICA - FOOD & HOST
PLANTS - CORN
i Carruth et al., N. Y. (G.) B. 715,
16 p., 1946
- Coon, Sci. News Let. 49:392, 1946
- POPILLIA JAPONICA - FUMIGANTS
Annand, USDA EPQ R. f. 1945:46-15
Mason & Chisholm, J. Ec. Ent. 38
717-718, 1945
- POPILLIA JAPONICA - FUMIGANTS,
see also POPILLIA JAPONICA -
SOIL TREATMENT - FUMIGANTS
- POPILLIA JAPONICA - HABITS & BE-
HAVIOR
bi Hawley & Dobbins, N. Y. Ent. Soc.
J. 53(1):1-20, 1945
- POPILLIA JAPONICA - ILLINOIS
i Seifert, Ill. Dept. Agr. R. 28:163-
165, 1945; 29:209-212, 1946, 30
230-234, 1947
- POPILLIA JAPONICA - INJURY TO
CORN - DUPLICATING
i Coon, J. Ec. Ent. 38:604-605, 1945
- POPILLIA JAPONICA - INSECTICIDES
Annand, USDA EPQ R. f. 1945:46-11;
f. 1946:47:11-12
- Gaddis & Goodhue, J. Ec. Ent. 40:240-
244, 1947
- POPILLIA JAPONICA - INSECTICIDES -
DDT
Adams, Flor. Exch. 106(8):34, 1946
Adams, Flower Grow. 33:281, 1946
Anderson, USDA R. Sec. f. 1947:138
Annand, USDA EPQ R. f. 1943/44:4-5;
f. 1944/45:36
- POPILLIA JAPONICA - INSECTICIDES -
DDT--Continued
Baker & Porter, USDA EPQ E-637:4,
1945
- Bourne & Whitcomb, Mass. B. 428:34,
1945
- Fleming, USDA EPQ E-724:22 p.,
1947
- Hadley & Fleming, USDA EPQ
E-645:7 p., 1945
- i Johnson & Quackenbush, Flower
Grow. 34:498,515-517, 1947
- Meserve, Natl. Shade Tree Conf. P.
23:157-160, 1947
- Phillips, Gard. Gossip 22(6):14, 1947
- USDA EPQ, DDT for Control Jap.
Beetle, 3 p., 1946
- POPILLIA JAPONICA - INSPECTION
Annand, USDA EPQ R. f. 1944:45:51-
53
- French, Va. Dept. Agr. B. 441:8-9,
1945
- POPILLIA JAPONICA - KENTUCKY
Price & Tilton, Ky. Regulat. B. 44:2-
3, 1945, 50:10-11, 1946, 56:13-14,
1947
- POPILLIA JAPONICA - LAWN
i Ahlgren, N. J. B. 724:23-24, 1946
- POPILLIA JAPONICA - METABOLISM -
EFFECT OF DDT
b Ludwig, Ent. Soc. Amer. Ann. 39
496-509, 1946
- POPILLIA JAPONICA - NEW JERSEY
Beckwith, N. J. Dept. Agr. C. 356:44,
1945
- i Boyd, N. J. Dept. Agr. C. 355:21-
23, 1945
- Martin, N. J. R. 67:52, 1947?
- Weiss, N. J. Dept. Agr. R. 30:193,
195-198, 1945, 31:146,151-152,154,
160-162, 1946, 32:161-162,168-170,
1947
- POPILLIA JAPONICA - NEW YORK
Buchholz, N. Y. Dept. Agr. & Mkts. R.
f. 1944:103-105, 1945, i. 1945:128-
130, 1947, f. 1946:47:132-134
- Carruth et al., N. Y. (G.) B. 715:14-
16, 1946
- Mills & Dewey, N. Y. (C.) Ext. B. 711
46,63,65,70-71,73-74, 1947
- Wheeler, N. Y. St. Hort. Soc. P. 92
163-167, 1947
- POPILLIA JAPONICA - OHIO
Houser, Ohio St. Hort. Soc. P. 100:23-
24, 1947
- Polivka, Ohio B. 659:172-174, 1945,
673:77, 1947
- Rings, Ohio Dept. Agr. Bien. R. i.
1945/46:39-40, 1947
- POPILLIA JAPONICA - OREGON
Davis, Oreg. Dept. Agr. Bien. R. f.
1944/46:40
- Davis, Oreg. St. Hort. Soc. R. 38:28,
1946
- POPILLIA JAPONICA - PARASITES
Adams & Wheeler, N. Y. (G.) R. 63
25, 1945
- Beard, Conn. B. 488:419-420, 1945
- Garman, Conn. B. 488:330, 1945
- Schread, Conn. B. 488:338-339, 1945
- Slate, Conn. B. 484:60, 1945

- POPILLIA JAPONICA - PHOTOGRAPHY**
1 Brownell, Amer. Photog 39(8) 41-42, 1945
- POPILLIA JAPONICA - POPULATIONS**
Polivka, Ohio B 673 76-77, 1947
- POPILLIA JAPONICA - PREDATORS**
Bromley, Bklyn Ent Soc B 40 44-47, 1945
Bromley, Ent. News 57 21, 1946
- POPILLIA JAPONICA - QUARANTINE**
Annand, USDA EPQ SRA 163:21-22, 1945
Annand, USDA EPQ R f 1943/44.30-32, f 1944/45 51, f 1945/46 50-52, f. 1946/47 57-58
Brannon, USDA EPQ SRA 162:2-11, 1945
Hoyt, USDA EPQ SRA 162 11-12, 164 40-41, 1945; 166 11-17, 1947
Cuba Negoc. de Cuar de Plantas C 1, 4 p., 1947.
- POPILLIA JAPONICA - QUARANTINE - MISSOURI**
Denning, Mo St. Dept. Agr B 43(12), 2 p., 1945
- POPILLIA JAPONICA - QUARANTINE - VIRGINIA**
French, Va. Dept Agr B 447.9. 1946, 458:12, 459 10, 460-40, 1947
- POPILLIA JAPONICA - REPELLENTS**
Carruth et al, N Y (G) B 715:11, 1946
Fleming, J Ec Ent 38 308-312, 1945
- POPILLIA JAPONICA - RESISTANT SOYBEANS**
Coom, J Ec Ent. 39.510-513, 1946
Linninger et al., Pa B 475 19, 1945
- POPILLIA JAPONICA - RHODE ISLAND**
Eddy, R. I. Dept Agr & Conserv R 10 45, 1945
1 Knutson, R I Dept Agr & Conserv R 12:35-36, 53, 1947.
Leaver, R. I. Dept. Agr & Conserv R 11:33, 1946.
- POPILLIA JAPONICA - SOIL TREATMENT**
Adams, N. Y (G.) R 64.30-31, 1946
Ahlgren, N. J B 724:23-24, 1946.
Annand, USDA EPQ R f 1943/44.30, f 1944/45.36, f 1945/46.33; f. 1946/47.12, 24-25
1 Cummings, Amer. Nurserym 84(8) 44-45, 1946
Fleming, J. Ec. Ent 40:932-933, 1947
Jennings, R. I. Misc Pub 26:14-16, 1945
Hadley, USDA EPQ E-727:6-7, 1947.
b Polivka, Ohio Bimo. B. Farm & Home Res. 32:107-110; 146-148, 1947.
Trullinger et al., USDA OES R f. 1945/46:112, 1947.
- POPILLIA JAPONICA - SOIL TREATMENT - DDT**
Fleming, USDA EPQ E-724:7-11; E-737, 20 p., 1947.
Fleming & Maines, USDA EPQ E-716, 20 p., 1947.
- POPILLIA JAPONICA - SOIL TREATMENT - EFFECT OF TEMPERATURE**
Johnson, Conn. B. 501:71-74, 1946.
- POPILLIA JAPONICA - SOIL TREATMENT - FUMIGANTS**
Annand, USDA EPQ R f 1944/45 6
Chisholm et al., USDA EPQ E-694, 2 p.; E-696, 3 p., 1946
- POPILLIA JAPONICA - SPRAYS**
Fleming, J Ec Ent 38 308-312, 1945.
Johnson, Conn. B. 488:405-406, 418-419, 1945
Kemp, Md. R. 60.15, 1947
Langford & Squires, J Ec. Ent 40 269-270, 1947
McAlister et al., J Ec Ent 40 908-909, 1947
Pyenson, Home Grow 32 148, 1945
- POPILLIA JAPONICA - SPRAYS - DDT**
Annand, USDA EPQ R f 1944/45 12, f 1945/46 2-3
Fleming & Maines, J Ec Ent 40 845-850, 1947
Langford & Cory, J Ec Ent 38 202-204, 1945
Lawrence, Natl Shade Tree Conf P 23 153-155, 1947
Mast, Agr Leaders' Digest 27(9) 12-13, 1946
Porter, Pa St Hort Assoc P 87 91, 1946
Pyenson, N. Y Bot Gard J 47 121, 1946
Zappe et al., Conn B 501 40, 45-46, 1946
- POPILLIA JAPONICA - SURVEYS**
Annand, Amer Assoc Econ Ent N Cent Sts Branch P 25 36-37, 1946
Armitage et al., Cal Dept. Agr B 34 170-171, 1946, 35 195, 1947
Baker, Can Dept. Agr Plant Protect Div. News Let 2(7) 2-8, 1945
Bentley, Tenn Dept Agr. Bien. R f 1944/46:129-131
Stearns & Rice, Del. B. 259:20, 1945
Yapp, Kans Ent Comn Bien R 20 7, 1946.
- POPILLIA JAPONICA - SURVEYS, TRAPS**
Annand, USDA EPQ R. f 1943/44.20-30, f. 1944/45.35-36; f. 1945/46.33-34, f 1946/47.39-40
Annand, USDA EPQ [Japanese Beetle Trap Finds Outside the Regulated Area 1946], 11 p., 1947
Welling, Utah St. Bd. Agr. Bien. R 13:30, 1947?
USDA EPQ, Amer Nurserym. 83(7):32-33, 1946.
- POPILLIA JAPONICA - TRAPS**
1 Langford et al., J. Ec. Ent. 38:199-201, 1945.
b Muma et al., J. Ec. Ent. 38:658-660, 1945.
- POPILLIA JAPONICA - VIRGINIA**
French, Va. Dept. Agr. & Immigr. R. f. 1944/45:54-57; f. 1945/46:48-49
French, Va. Dept. Agr. B. 446:9; 447:8-9; 449:9, 1946; 459:10, 1947.
Phillips, Gard. Gossip 20(6):13, 1945.
- POPILLIA JAPONICA - WEST VIRGINIA**
Craig, W. Va. Acad. Sci. P. 17:31-34, 1945.

- POPILLIA JAPONICA - WEST VIRGINIA--Continued
McLaughlin, W Va Dept Agr Bien R 17 68-69, 1946
- POPILLIA JAPONICA & CASTOR BEAN PLANTS
b McIndoo, USDA EPQ E-666 5, 1945
- POPILLIA JAPONICA & HUMIDITY - SOIL
1 Polivka, Ohio B 673 75-76, 1947
- POPILLIA JAPONICA & TEMPERATURE
Schread, Conn B 488 337-338, 1945
- POPILIUS DISJUNCTUS (Ill) (HORNED PASSALUS)*
Abbott, J Ec Ent 38 619, 1945
b Gray, Amer Mid Nat 35 728-746, 1946
bi Krause, Ent Soc Amer Ann 39 193-206, 1946, 40 172-202, 1947
- *POPLAR AND WILLOW BORER, see CRYPTORHYNCHUS LAPATHI (L.)
- *POPLAR BORER, see SAPERDA CALCARATA Say
- POPLAR INSECTS
Adrien Robert (Brother), Assoc Can - Franç Avanc Sci Ann 12 86, 1946 (Abs)
Knowlton, Bklyn Ent Soc B 42 71, 1947
- *POPLAR LEAF-FOLDING SAWFLY, see NEMATUS BOZEMANI (Cooley)
- POPLAR LEAF ROLLER, see SCIAPILA DUPLEX (Wlsm)
- *POPLAR TENT MAKER, see ICHTHYURA INCLUSA Hbn
- *POPLAR VAGABOND APHID, see MORDWILKOJA VAGABUNDA (Walsh)
- PORCELLIO LAEVIS Latr (DOORYARD SOWBUG)
1 Bohart, Hilgardia 17 303, 1947
Edminster, Ruffed Grouse 226-227, 1947
- PORIZON Fall.
Annand, USDA EPQ R f 1943/44 24, f 1944/45 23, f 1946/47 25
- PORIZON ARGENTINENSIS Blanch
Annand, USDA EPQ R f 1945/46 22
Compere, J Ec Ent 39 671-672, 1946
- PORIZON PARKERI Blanch
Annand, USDA EPQ R f 1945/46 22
Compere, J Ec Ent 39 671-672, 1946
- POROSAGROTIS ORTHOGONIA (Morr), see AGROTIS ORTHOGONIA Morr
- PORHETRIA DISPAR (L.) (GYPSY MOTH)*
Annand, New Internatl. YB 1944 297, 1945
Bailey, Vt. Comnr Agr Bien R 23 81-82, 1946
Buchholz, N Y Dept. Agr. & Mkts R f. 1944 113, 1945; f. 1945-131-132, 1947; f. 1946/47:147
French, Gard. Gossip 20(7).12.15, 1945.
Hilborn et al., Maine Ext. B. 358:3, 1947
Hood, USDA EPQ Ins Pest Surv. of Ins. Conditions in 1944:16, 1945.
Trafton, Maine Dept. Agr. Bien. R. f. 1944/46:88-89.
- PORHETRIA DISPAR--Continued
Weiss, N J Dept Agr R 30 183-186, 1945, 31 143-146, 1946, 32 147-150, 1947
USDA EPQ Ins Pest Surv Sum of Ins Conditions in 1945 18, 1946
- PORHETRIA DISPAR - AEROSOLS
Latta, J Ec Ent 39 614-619, 1946
- PORHETRIA DISPAR - CONNECTICUT
Cooke, Conn B 512 25-29, 1946
Cooke & Friend, Conn B 501 26-31, 1946
b Friend, Conn Acad Arts & Sci Trans 36 607-629, 1945
LaBelle & Friend, Conn B 488 319-320, 1945
Slate, Conn B 484 65, 1945
Slate, Conn R f 1944/45 24-25, f 1945/46 14
- PORHETRIA DISPAR - CONTROL
Annand, USDA EPQ R f 1946/47 38-39
1 Sheals, Agr Chem 1(5) 22-25, 1946
- PORHETRIA DISPAR - CONTROL, CULTURAL
Littlefield & Spurr, Harvard Univ Harvard For B 22 40-47, 1947
- PORHETRIA DISPAR - DUSTS - DDT
Urann, USDA Farm Credit Adm News f Farm Coop 14(5) 11, 1947
- PORHETRIA DISPAR - ERADICATION
Lyle, J Ec Ent 40 1-2, 4-5, 1947
- PORHETRIA DISPAR - FOOD & HOST PLANTS
Friend, Conn Acad Arts & Sci Trans 36 615-620, 1945
- PORHETRIA DISPAR - FUMIGANTS
Annand, USDA EPQ R f 1945:46 19
- PORHETRIA DISPAR - INSECTICIDES
1 Lathrop et al., Maine Ext B 353 9, 1947
- PORHETRIA DISPAR - INSECTICIDES - DDT
Franklin, Mass B 436 29, 1946
- PORHETRIA DISPAR - INSPECTION
Annand, USDA EPQ R f 1943/44 35-36, f 1944/45 53-55
- PORHETRIA DISPAR - LEGISLATION
Mass Dept Conserv, Sp R Dept Conserv Relat to Refor & Control of Gypsy Moth in Commonwealth, 34 p., 1946
- PORHETRIA DISPAR - ODOROUS SUBSTANCE
Sparhawk, Amer Perfumer & Essential Oil Rev 48(5) 40, 1946
- PORHETRIA DISPAR - PARASITES
Friend, Conn Acad Arts & Sci Trans 36 620-622, 1945
- PORHETRIA DISPAR - PHOTOGRAPHY
Brownell, Amer Photog 39(8) 42, 1945.
- PORHETRIA DISPAR - QUARANTINE
Anderson, USDA EPQ SRA 165 51-58, 1946.
Annand, USDA EPQ R f 1945/46:52-53, f. 1946/47:58-61
Annand, USDA EPQ SRA 166 9-10, 1947.
Brannan, USDA EPQ SRA 163 19-20, 1945.
Judd, Comnr. Agr Bien. R 23:83, 1946.

PORTHETRIA DISPAR - RESISTANT TREES

1 Spurr et al., Harvard Univ. Harvard For B 22 27-39, 1947

PORTHETRIA DISPAR - SPRAYS

Anderson, USDA R Sec f. 1946.143-144

Annand, USDA EPQ R f 1943/44 33-35; f. 1945/46.34, 1947

Foss, N. Y. St Conserv. Dept. R 36: 73-77, 1946.

Gardner, Maine Dept Agr Bien R f. 1944/46.13-14

1 Lathrop, Maine Ext B 274 rev 9-11,18, 1945

PORTHETRIA DISPAR - SPRAYS - DDT

Anderson, USDA R Sec f 1947 141

Annand, USDA R. f 1943/44 7-8, f 1944/45 15, f 1945/46 3-4, 16

Bromley, J Ec Ent 40 238, 1947

Corliss, Trees 8(1) 7,16, 1947.

Craighead & Brown, USDA EPQ E-649 2, 1945, E-684-8, 1946

Dowden, USDA EPQ E-726,13 p., 1947

Dowden et al., USDA EPQ E-663-1-6, 12, 1945

Guyton, For Leaves 37(1) 10-11, 1947.

Horst, Sci News Let 47 388, 1945.

Sheals, J For 45:712-714, 1947

Whitcomb et al., Mass. Fruit Grow Assoc R 52:57, 1946

PORTHETRIA DISPAR - SPRAYS - DDT & OIL

Hotchkiss & Pough, J Wildlife Mangt 10 202-207, 1946

PORTHETRIA DISPAR' - RHODE ISLAND

Eddy, R I Dept. Agr. & Conserv R 10:43-45, 1945.

1 Knutson, R I Dept Agr & Conserv R 12 32-35,38,53, 1947.

Leaver, R I Dept Agr & Conserv R 11 30-32, 1946

PORTHETRIA DISPAR - SEX ATTRACTANT OF FEMALES

Annand, USDA EPQ R f. 1944/45 36, f. 1945/46 34-35, f. 1946/47 38-39.

PORTHETRIA DISPAR - SURVEYS

Annand, USDA EPQ R f 1943/44 34, f 1944/45 36-37

Cooke, Conn. B 512 25-28, 1946

Cooke & Friend, Conn B 501 30-31, 1946

PORTHETRIA DISPAR - SURVEYS, TRAP

Foss, N. Y. St Conserv Dept. R 36 73-77, 1946

PORTHETRIA DISPAR & FOREST SITES

bi Bess et al., Harvard Univ. Harvard For B 22,56 p., 1947.

PORTHETRIA DISPAR & TEMPERATURE

Annand, USDA EPQ R. f 1944/45.36. LaBelle & Friend, Conn B. 488-320, 1945

POST-OAK LOCUST, see DENDROTETRIX QUERCUS Pack.

***POTATO APHID, see MACROSIPHUM SOLANIFOLII (Ashm.)**

***POTATO FLEA BEETLE, see EPITRIX CUCUMERIS (Harr.)**

POTATO INSECTS

Bruner & Valdes Barry, Control de

Plagas 8[1 e 7].54,56-57,59, 1945

Gomex, Fitófilo 4 144, 1945

1 Hill, Neb. R. 58.52-55, 1945.

Hill, Neb St. Bd Agr. R. f. 1945 505-508

Knowlton & Taylor, Utah Ext MS672, 2 p, 1946

Munro et al., N Dak. Bimo B 7(5) 25, 1945

Myers et al., N Y (C.) R. 57 51-52, 1945

1 Parks & King, Ohio Ext B 76 rev 32-34, 1947

Rawlins et al., N. Y (C.) R 57 126-127, 1945, 58 119-121. 1946, 59 120, 1947

Ruffin, Ala Ext Handb Ala Agr ed 4 109-110, 1947

Shull, Ida B 264 34, 1945

1 Shull & Manis, Ida Ext B 150,10 p, 1945

Slate, Conn R. f. 1945/46 7-8

Trullinger et al., USDA OES R f 1945/46 111-112, 1947

Weiss, N J Dept Agr R 30 168-169, 1945

Werner, Neb B 384 73-82, 1947

Wolfenbarger, Fla PB 639 4, 1947

POTATO INSECTS, see also SWEET-POTATO INSECTS

POTATO INSECTS - CANADA

Duncan, Quebec Min Agr. R f

1945/46 28, 1947

Gardiner, Can Min Agr R f

1945/46:64-66, f 1946/47 80-81

Gauthier, Quebec Min Agr R f

1944/45 60

b Gorham, Ent Soc Ont. R 75 16-22, 1945.

Mercier, Quebec Soc. Protect Plants R 30 101-104, 202-203, 1947.

POTATO INSECTS - DUSTS

Brandes & Swisher, N Dak Bimo B

8(3) 33-39, 1946

Buchanan, Wash B 482 63-65, 1946

Munro & Hoyman, N Dak. Bimo. B.

8(3):23-30, 1946

Munro & Redman, N. Dak Bimo. B.

7(4) 11, 1945.

Stitt, Amer. Potato J 24:116-122,

1947

POTATO INSECTS - DUSTS - DDT

Bruce & Tauber, J. Ec Ent. 38 439-440, 1945.

Conklin, N H. B 367.44-45, 1946.

Drake & Tauber, Iowa R. f 1944/45 pt. 1:247-248.

Landis & Getzendaner, USDA EPQ

E-689,2 p., 1946

Manis & Shull, Ida B. 268:40, 1946

POTATO INSECTS - INSECTICIDES

Allen & Chapman, Wis. B. 469:38,

1946.

Baver, N. C. R. 69:73, 1946.

Beverly, Maine Ext. B. 341:29-32, 1946.

b Bronson & Smith, J. Ec. Ent. 39: 189-194, 1946.

Clark & Hoveland, Wis. B. 472:8-10, 1947.

POTATO INSECTS - INSECTICIDES - Continued.

- i Enzie & Eyer, N Mex B. 342 27-31, 1947
Gould, Ind R 58 54-55, 1945
Granovsky, Amer Assoc Ec Ent N Cent Sts Branch P 2 54-55, 1947
Green, Control de Plagas 8 179-180, 1946, 9 115-116, 136, 1947
Henney, Colo R 58 17, 19, 1945
Heuberger & Stearns, Phytopathology 37 9, 1947 (Abs.)
Hill & Sooter, Neb R 60 50-51, 1947
Kelsheimer, Fla R f 1945/46 113
Leiby & Barrus, N Y (C) Ext. B 435 rev, 10 p., 1945
List, Colo Misc Ser Paper 321 3-4, 1946
List, West Colo Hort Soc Trans f 1945 79, 81-82, 1946
List & Edmundson, Amer Potato J 23 347-352, 1946
i Morofsky & Muncie, Mich Ext B 181 rev, 4 p., 1946
Morofsky & Muncie, Amer Potato J 24 162-166, 1947
i Muncie & Dibble, Mich Ext B 181 rev, 4 p., 1945
Muncie & Morofsky, Phytopathology 36 407 1946 (Abs.)
Muncie & Morofsky, Mich TB 204, 23 p., 1947
Pratt et al., N Y (C) Ext B 696 56-57, 1946, rev 57, 1947
Price, Ky Ext C 435 3-4, 1947
Sleesman, Veg Grow Assoc Amer Inc R 39 116-124, 1947
Sleesman & Wilson, Veg Grow Assoc Amer R 37 182-192, 1945
Sleesman & Wilson, Ohio Veg & Potato Grow Assoc P 31 182-192, 1946, 125-132, 1947
Sleesman et al., Ohio Veg. & Potato Grow Assoc 30 140-147, 1945
i Strickland, in Alberta Univ Faculty Agr B 46 56-63, 1946
Tate, Amer Potato J 22 15, 1945
Tussing, Veg Grow Assoc Amer R 37 208-212, 1945
Wilson & Sleesman, Veg Grow Assoc Amer R 37 193-208, 1945
Wilson & Sleesman, Ohio Veg. & Potato Grow Assoc P 31 193-208, 1946
Conn Agr Expt Sta, Conn Veg Grow Assoc P 34 94-96, 1946
- POTATO INSECTS - INSECTICIDES - DDT
Anderson, USDA R Sec f 1947 138
Annand, USDA EPQ R f 1945, 46 4-5, 1947, f 1946/47 6
Benjamin, Agr Chem 1(7).31-32, 1946.
Daggy et al., Minn Ext B 252-12-13, 1946.
Daniels, Amer. Assoc Ec Ent, N Cent. Sts Branch P. 2:53-54, 1947.
Dustan, Can. Dept Agr. Div Ent Processed Pub. 47, 3 p., 1946.
Granovsky, Minn Farm & Home Sci 2(2) 9, 1945.
Green, Control de Plagas 8 152, 1946.

POTATO INSECTS - INSECTICIDES - DDT--Continued

- Gyrisko, et al., J Ec Ent 38 169-173, 1945
Hawkins et al., Maine B 449 294-298, 1947
Hayslip, Fla R f 1944/45 196
Heuberger, House & Gard 89(1) 95, 1946
b Hill, Neb Res B 138, 14 p., 1945
i Hill, Neb Ext C 1540, 3 p., 1946
i Hovey, East States Coop 22(2) 11-13, 1946
Marcovitch & Stanley, Tenn R 59 91, 1947
Martin, N J R 66-37, 1946
i Muncie & Morofsky, Mich Ext Folder 22 rev, 4 p., 1946
Neeley et al., Amer Potato J 23 135-150, 1946
O'Kane et al., N H B 363 41, 1945
i Palm, N Y (G) Farm Res 12(2) 5, 1946
Rawlins, N Y (G) Farm Res 13(1) 1, 1947
Ross, Can Dept Agr Div Ent Processed Pub 37 1, 1946, 64 1, 1947
Simpson et al., Maine Ext C 221, 8 p., 1946
Simpson et al., Maine Ext B 361, 10 p., 1947
i Thompson, Ont Crop Impr Assoc Potato Sect Addresses & P f 1946 67-70
Walberg, Can Hort Grow ed 69 58, 1946
- POTATO INSECTS - INSECTICIDES - DDT - EFFECT ON YIELD
Hawkins et al., Maine B 449 297-298, 1947
Munro et al., N Dak Bimo B 9 109-110, 1947
- POTATO INSECTS - INSECTICIDES - DDT & FUNGICIDES
Bonde & Snyder, Maine B 449 262-276, 343-357, 1947
Niederhauser et al., Phytopathology 37 849, 1947 (Abs.)
- POTATO INSECTS - INSECTICIDES - DDT MIXTURES
Hill, Neb R 59 55-57, 1946
- POTATO INSECTS - RESEARCH, CO-ORDINATED
Post, Amer Assoc Ec Ent N Cent Sts Branch P 2 55-56, 1947
- POTATO INSECTS - RESISTANT PLANTS
Akeley, N. H Hort Soc J 9 80-81, 1946
Hill, Neb R 58 55, 1945
Liminger et al., Pa B 480 23-24, 1946
Livermore et al., N Y (C) R 58 138, 1946
- POTATO INSECTS - SPRAYS
Berkeley et al., Amer Potato J 23 285-290, 1946.
Bourne, Mass B 436 38-39, 1946
Boyd, Hawaii Ext. C 47 rev, 2 p., 1945.
Brandes & Swisher, N Dak Bimo 8(3) 33-39, 1946.

POTATO INSECTS - SPRAYS--Continued.

- Campagna & G n reux, Assoc. Can.-
Fran . Avanc. Sci Ann 12:90-91,
1946 (Abs.)
b Doyle et al., Quebec Soc Protect.
Plants R. 30:155-171, 1947
Howard & Rich, R. I Misc Pub 29:1-
6, 1946
Lininger et al., Pa. B. 480:24, 1946.
Munro & Hoyman, N Dak Bimo B.
8(3):23-30, 1946
Severin, S Dak R. 59:18, 1946
Sleesman & Wilson, Ohio B. 659 115-
116, 1945.
Wolfenbarger, Fla R. f 1945/46 205
Yager, S. Dak. R. 60:12, 1947.
N J Ext. Spray Calendar 28,4 p ,
1947

POTATO INSECTS - SPRAYS - DDT

- Gould, Ind. R 59:20-21, 1946
Kido & Allen, Agr. Chem 2(6) 22,67,
69, 1947.
Richards & Conklin, N H. B 372 42,
1947
Sleesman, Ohio B 665.30-31, 1946
Sleesman & Wilson, Ohio B. 673 69-
70, 1947
Thompson, Ont Dept Agr. R f
1945/46:120
Thurston, Pa B. 475 sup. 1 4, 1946.
Woodruff & Turner, Conn B 512 60-
67, 1946
Zappe et al , Conn B 501 39-40,43-
45, 1946

**POTATO INSECTS - SPRAYS - DDT &
BORDEAUX MIXTURE**

- Udine, Guide Post 24(2/3) 17, 1947.

**POTATO INSECTS - SPRAYS - DDT
MIXTURES**

- Tussing, Ohio Veg & Potato Grow
Assoc P. 21 208-212, 1946

***POTATO LEAFHOPPER, see EMPOAS-
CA FABAE (Harr)**

***POTATO PSYLLID, see PARATRIOZA
COCKERELLI (Sulc)**

***POTATO STALK BORER, see TRICHO-
BARIS TRINOTATA (Say)**

**POTATO STALK BORER (ARIZONA),
see TRICHOBARIS MUCOREA
(Lec)**

***POTATO STEM BORER, see HYDROE-
CIA MICACEA (Esp)**

***POTATO TUBERWORM, see GNORI-
MOSCHEMA OPERCULELLA (Zell.)**

POULTRY - PESTS

- Alp & Pilchard, Ill Ext C 452 rev.
30-31, 1946
Bullock, Pract. Farm f So. ed 2.390-
391, 1946.
Bushnell & Twiehaus, Kans. B. 326:86-
91, 1945
i Byerly, Poult Farm 148-149,252-
254, 1945
i Charles & Stuart, Com. Poult Farm.
ed. 5:485-488, 1946.
i Clandinin, Alberta Ext. B. 45:51-56,
1945
i Conn, Handy Poult. Dis. Man. 79-84,
1947.
i Dickinson & Lewis, Poult. Enter-
prises:227-233,239, 1946.

POULTRY - PESTS--Continued

- b Dikmans, Amer. J. Vet. Res 6:238-
241, 1945
Dykstra, Anim. Sanit. & Dis. Control
rev.:218-219, 1946.
Gannon, Ga. Ext. B. 524:22-26, 1945;
rev.:30-36, 1947
Hammonds & Tabb, Farm. Handb..128-
129, 1947.
i Hixson & Ware, Okla. Ext. C. 417:3-
14, 1945.
i Ingram & Jones, La. Ext C 258
rev ,8 p , 1945.
Ivey, Ala. Ext Handb Ala Agr ed. 4.
200-202, 1947
Kaupp, Poult & Rabbit Month. 13(7):5,
8, 1945
bi Kaupp & Surface, Poult Sanit. &
Dis. Control ed. 3:159-180,199-200,
203-204,213,215,218-220,222-223,
1947
i King, Poult Handb. for South Sts
ed. 2:91-93, 1947
Lee, Profitable Poult Mangt rev.
236-239, 1947
Lippincott & Card, Poult Parasites
rev :330-335, 1946.
Mackenzie, Albers Egg Maker 21(3) 5-
6, 1945
Nisonger, in Davis et al , Livestock
Enterprises rev 428, 1946.
i Seiden, Poult Handb 8-9,25,77-81,
107,143-144,159,236,269-271,281-
282,292,312-313,324,344-345,348-
349,365,404, 1947
Smith et al., Kans Ent. Soc. J 20 54,
1947
Trask, Conn Ext B 378.45-46, 1946
i Winter & Funk, Poultry rev 390-
396, 1946
Ala Ext. C 306 rev. 63-64, 1946.
i Alberta Dept Agr Poult. Branch
Leaf 29 rev ,2 p, 1946
i Poult Council St. Col. Wash., Wash
Ext B. 370 (Poult Pointers 34),
12 p., 1947
POULTRY - PESTS - HAWAII
b Alicata, Pac. Sci. 1 71,79-82, 1947
Bice, Hawaii Ext. B. 45 16, 1947
POULTRY - PESTS - INSECTICIDES
b Alicata et al., Poult Sci. 25 376-
380, 1946.
Lyle, Miss. Farm Res 10(7):1, 1947
**POULTRY - PESTS - INSECTICIDES -
DDT**
Cory, Md Agr Soc. R. 30.175, 1946
Cory, Md Ext. Serv. News 31(8):4,
1946.
Fenton et al., Okla. Mimeo. C. 147:4,
1945.
Hixson & Muma, Neb. Ext. C. 1549,
2 p., 1947.
Horton, Cackle & Crow, 27(3).10,
1945.
Kemp, Md. Md. R. 58:17, 1945, 59 20,
1946.
Kulash & Maxwell, J. Ec Ent. 38:606,
1945.
***POULTRY BUG, see HAEMATOSIPHON
INODORUS (Dug s)**
POWDER-POST BEETLES
Annand, USDA EPQ R. f. 1946/47:16.

POWDER-POST BEETLES--Continued
 Connaughton, USDA FS South For.
 Expt Sta R 26-61, 1946.
 Linsley, Pest Control & Sanit 1(8):28,
 30, 1946
POWDER-POST BEETLES, see also
LYCTUS
POWDERY MILDEW OF SNAP BEANS,
 see under genera **EPILACHNA**,
HELIOTHIS
 ***PRAIRIE GRAIN WIREWORM, see**
CTENICERA AERIPENNIS DE-
STRUCTOR (Brown)
PRAYING MANTIS, see MANTIS RELIGI-
OSA L.
PREDATORS
 Beaulne, Quebec Soc Protect Plants
 R 30 206-209, 1947
 b) Brues, Ins. Dietary 243-289, 1946
 1 Cassell, Nat Mag 38 361-364, 1945.
PREDATORS, see also BIRDS & INSECTS,
FISH - INSECT FOOD, INSECTS AS
FOOD OF CATS, INSECTS AS
FOOD OF FROGS, INSECTS AS
FOOD OF LIZARDS, INSECTS AS
FOOD OF OPOSSUMS, INSECTS
AS FOOD OF POULTRY, INSECTS
AS FOOD OF RACCOONS, IN-
SECTS AS FOOD OF SALAMAN-
DERS, INSECTS AS FOOD OF
TOADS, MOSQUITOES & FISH
PREDATORS - CATALOGS
 Thompson, Imp Inst Ent Parasite
 Serv Cat Parasites & Pred of Ins
 Pests, Sect 1, Pt 6 131-258, 1945,
 Pt 7 259-385, Pt 8 386-523, 1946
 Thompson, Imp Bur Biol Control
 Cat Parasites & Pred of Ins Pests,
 Sect 1, Pt 9 524-627, 1947
PREDATORS - HOSTS
 Thompson, Imp Inst Ent Parasite
 Serv Cat Parasites & Pred of Ins
 Pests, Sect 1, Pt 6 131-258, 1945,
 Pt 7 259-385, Pt 8 386-523, 1946
 Thompson, Imp Bur Biol Control
 Cat Parasites & Pred of Ins Pests,
 Sect 1, Pt. 9 524-627, 1947
PREDATORS - INSECTICIDES - DDT
 Osburn, J Ec Ent. 38 168, 1945
 Smith et al., J. Ec Ent. 38 195-196,
 1945
PREDATORS - LIBERATION
 Can. Dept. Agr. Div. Ent., Can. Ins
 Pest Rev 23 119-139, 1945, 24 134-
 152, 1946, 25 348-371, 1947
PRENES NERO SYLVICOLA (H.-S.), see
PANOQUINA SYLVICOLA (H.-S.)
PRENES NYCTELIUS COSCINIA (H.-S.),
 see **PANOQUINA NYCTELIUS COS-**
CINIA (H.-S.)
PRENOLEPIS IMPARIS (Say)
 Enzmann, N. Y. Ent Soc. J. 55:221-
 222, 1947.
 Haskins, Can Nature 8:142, 1946.
 Jaynes & Marucci, J. Ec. Ent 40:19-
 20,22, 1947.
 Morrison, Cal Dept. Agr. B 35:138,
 1946
PRENOLEPIS IMPARIS - FLIGHT
 Talbot, Amer. Mid. Nat. 34:506-507,
 510, 1945.

PRENOLEPIS IMPARIS TESTACEA
 Emery
 Rau, Ent News 56.119, 1945.
PRENOLEPIS LONGICORNIS (Latr.), see
PARATRECHINA LONGICORNIS
(Latr.)
PRIMARY SCREW-WORM, see CALLI-
TROGA AMERICANA (Cush & Pat.)
PRIONOXYSTUS ROBINIAE (Peck)
(CARPENTERWORM)*
 1 Boyd, N J Dept Agr C 355 138-
 139, 1945.
 Filmer, Home Gard (N Y.) 6(3) 94,
 1945
 Severin, S Dak R 59.15, 1946
PRIONUS sp
 Myers, USDA EPQ Ins Pest Surv
 Sp Sup (1947, No 2) 7
PRIONUS CALIFORMICUS Mots (CALI-
FORNIA PRIONUS)*
 1 Hardy, Victoria Nat 2 89, 1945
 Leech, Can Ent 79 141, 1947
PRIONUS IMBRICORNIS (L.) (TILE-
HORNED PRIONUS)*
 1 Knull, Ohio Biol Surv B 39 146,
 1946
PRIONUS LATICOLLIS (Drury) (BROAD-
NECKED ROOT BORER)*
 Knull, Ohio Biol Surv B. 39 145-146,
 1946
PRIONUS PALPARIS Say
 Fautin, Ecol. Monog 16 274, 1946
PRIONUS POCULARIS Dalm
 Knull, Ohio Biol Surv B 39 146, 1946.
PRISTIPHORA ERICHSONII (Htg.)
(LARCH SAWFLY)* (EUROPEAN
LARCH SAWFLY)
 Atwood, Can Dept Agr Div Ent For
 Ins Surv R f 1944 32, 1945
 Bradley, Can Dept Agr. Div Ent
 For Ins Surv R f 1945 38, 1946
 Bradley, Can Ins Pest Rev 24 62,
 1946
 Bradley & MacDonald, Can Dept Agr
 Div Ent For Ins. Surv R. f 1946
 44, 1947
 Daviault, Can Dept Agr Div Ent
 For Ins Surv R f 1946 23, 1947
 Daviault & Lambert, Can Dept Agr
 Div Ent For Ins Surv. R. f 1945
 22, 1946
 DeGryse, For Ent. in Can. 4, 1947
 Kennedy, Ont Royal Comn For R f
 1947 116-117
 Lambert, Can Dept Agr Div Ent.
 For Ins Surv. R f 1944 18, 1945
 Leech, Can Dept Agr Div Ent For
 Ins. Surv. R f 1944 65-66, 1945,
 f. 1945:63, 1946, f 1946:81, 1947
 Leech et al., Can. Ins Pest Rev 25
 67-68, 1947.
 Lejeune, Can Dept Agr Div. Ent
 For Ins Surv R f 1945 43-44,
 1946.
 Lejeune, Can. Ins Pest Rev 24 75-77,
 1946.
 McGuffin & Barker, Can Dept Agr.
 Div. Ent For Ins. Surv. R f. 1946:
 55, 1947.
 Mathers, Can. Ins. Pest Rev. 24 121,
 1946.

PRISTIPHORA ERICHSONII--Continued.
 Peterson, Can Dept Agr Div. Ent.
 For Ins Surv R f. 1944 55, 1945;
 f. 1945:56, 1946
 Peterson, Can. Ins Pest Rev. 24 113,
 1946
 Peterson & Sandercock, Can Dept
 Agr Div Ent For Ins Surv R f
 1946:71, 1947
 Reeks, Can Ins Pest Rev 24 26,
 1946
 Reeks et al., Can Dept Agr Div. Ent.
 For Ins Surv R f 1944:7, 1945,
 f. 1945 9, 1946, f 1946 9, 1947
 Richmond & McGuffin, Can. Dept Agr
 Div Ent. For. Ins Surv R f 1944
 43-44, 1945
 Watson, Can Ins Pest Rev 24 65,
 1946
 Watson & MacKay, Can Dept Agr
 Div Ent For. Ins Surv. R f 1945
 30, 1946
 Watson & Razienne, Can Dept Agr
 Div Ent For Ins Surv R f 1946
 37, 1947
 PRISTIPHORA ERICHSONII - EFFECT
 OF WATER LEVELS
 Lejeune & Filuk, Can Ent 79 155-
 160, 1947.
 PRISTIPHORA ERICHSONII - PARASITES
 Gardiner, Can. Min Agr R f
 1945/46 74.76, f 1946/47 92-93.
 Graham, in Ont Dept Agr Div Ent
 Parasite Invest. Unit, Control For
 Ins Prov Ont by Introd Ins Para-
 sites 18-22, 1947..
 Lejeune, Can Dept Agr Div Ent
 For Ins Surv R f 1945 49, 1946
 McGuffin & Barker, Can Dept Agr
 Div Ent For Ins Surv R f 1946
 61, 1947.
 PRISTIPHORA ERICHSONII - PRAIRIE
 PROVINCES
 b Lejeune, Can. Ent. 79:130-134, 1947.
 PRISTIPHORA GENICULATA (Htg.)
 (MOUNTAINASH SAWFLY)*
 Cann, Can Ins. Pest Rev 24 13, 1946
 Daviault, Can. Dept. Agr Div Ent.
 For Ins Surv R f 1946 25, 1947.
 Daviault & Lambert, Can Dept. Agr
 Div. Ent For Ins. Surv R f. 1945:
 24, 1946.
 Gauthier, Can Ins Pest Rev 24 32,
 1946.
 Lambert, Can Dept Agr. Div Ent.
 For Ins. Surv. R f. 1944:19, 1945
 Patterson & Neary, Can Ins Pest
 Rev 24:17, 1946
 Reeks et al., Can Dept. Agr Div. Ent.
 For. Ins. Surv R f 1945-14, 1946;
 f 1946:14, 1947
 Sheppard, Can. Ins Pest Rev 24:52,
 1946.
 Sheppard et al., Can Ins Pest Rev.
 25-51-52, 1947.
 Thompson, Can Ins. Pest Rev 24:42,
 1946.
 Watson, Can. Ins Pest Rev. 24:65,
 1946.
 Watson & MacKay, Can Dept Agr.
 Div. Ent For Ins. Surv. R. f. 1945:
 31, 1946.

PRISTIPHORA GENICULATA--Continued
 Watson & Razienne, Can Dept Agr
 Div Ent For Ins. Surv R f 1946
 38, 1947
 PRISTIPHORA GENICULATA - BIOLOGY
 Daviault, Rev Can de Biol 6 366-
 368, 1947
 PRISTIPHORA GENICULATA - DIA-
 PAUSE
 Daviault, Assoc Can - Franç Avanc
 Sci Ann 13 94, 1947 (Abs.)
 PRISTIPHORA GENICULATA - NOVA
 SCOTIA
 Hawboldt, N S Dept Lands & For
 R f 1945/46 39, 1947
 PRISTOCEUTHOPHILUS SARGENTAE
 Gurney
 in Gurney, Wash. Acad Sci J 37
 430-433, 1947
 PRISTOLINI Ross
 nik Ross, Pan-Pac Ent 21 153, 1945
 PRISTOMERUS EURYPYCHIAE Ashm
 Brett, J Agr Res 73 84, 1946
 PRISTOMERUS HAWAHENSIS Perk
 Van Zwaluwenburg, Hawaiian Ent Soc
 P 13 25, 1947
 PRISTOMERUS OCELLATUS Cushman
 Jaynes & Marucci, J Ec Ent 40 11,
 1947
 PRISTOMERUS VULNERATOR (Panz.)
 Boyce, Quebec Soc Protect Plants R
 30-99-100, 1947
 PROCECIDOCHARES sp
 Fullaway, Hawaii Bd Commrs Agr &
 For Bien R f 1944/46 36.
 Fullaway, Hawaiian Ent Soc P 12
 481, 490, 1946
 PROCECIDOCHARES ATRA (Loew)
 Hoffmann, J Ec Ent 38 358, 1945
 PROCECIDOCHARES UTILIS Stone
 ni Stone, Hawaiian Ent Soc P 13 97-
 98, 1947
 PROCIPHILUS sp
 Smith et al., Kans Ent. Soc J 19 44,
 1946
 Wylie, Fla St Hort Soc P 59 89-90,
 1946
 PROCIPHILUS BETAE (Doane), see
 PEMPHIGUS BETAE Doane
 PROCIPHILUS CORRUGATANS (Sirr.),
 P. FRAXINIFOLII (Riley)
 Knowlton, Bklyn Ent Soc B 42 161,
 1947.
 PROCIPHILUS TESSELLATUS (Fitch)
 (WOOLLY ALDER APHID)*
 Caldwell, Ohio J. Sci 46:71-72, 1946.
 Knowlton, Bklyn. Ent Soc B. 42 161,
 1947.
 PROCIPHILUS VENAFUSCUS (Patch)
 Knowlton, Bklyn. Ent Soc. B 42-161,
 1947.
 PROCTACANTHUS MILBERTII Macq.
 Owsley, Ohio St Univ Abs Doctoral
 Diss. 49-99-104, 1946.
 PRODENIA sp.
 Lauderdale, Ariz. St. Ent. R f.
 1945/46 18.
 PRODENIA ERIDANIA (Cram) (SOUTH-
 ERN ARMYWORM)*
 Hayslip & Forsee, Fla St. Hort Soc
 P. 80:154, 1947.

- PRODENIA ERIDANIA--Continued
 b1 McIndoo, J Compar Neurol 83
 149,151, 1945
 Wylie, Fla St Hort Soc P 59 90-91,
 1946
- PRODENIA ERIDANIA - BLOOD CELLS
 b1 Yeager, J Agr Res 71:1-40, 1945
- PRODENIA ERIDANIA - INSECTICIDES
 Annand, USDA EPQ R f 1945/46 12
 Bottger & Levin, USDA EPQ E-729,
 23 p., E-738 1,3,6-14, 1947
 Gertler, USDA EPQ E-705 11-12,
 1946, E-732 8-9, 1947
 Kelsheimer, Fla R f 1945, 46 112,
 f 1946/47 118,126
 McGovran et al., USDA EPQ E-736 3-
 5, 1947
 Mayer & Gahan, USDA EPQ E-646 4-
 14, 1945
 b Mayer et al., USDA EPQ E-709 2-
 16, 1946, E-720 2-11, E-725 3-10,
 1947
 Swingle et al., USDA EPQ E-634, 23 p.,
 1945
 Edwards Chem Corp., H-4 Emulsion
 Concentrate 4, 1947
- PRODENIA ERIDANIA - LARVAE - EF-
 FECT OF ANTISERA
 b Yeager & Heishman, Ent Soc Amer
 Ann 38 45-52, 1945
- PRODENIA LATIFASCIA Wikr
 Bruner & Valdes Barry, Control de
 Plagas 8[1 e 7] 54,57, 1945
 Tissot, Fla Jt 57 64, 1946?
- PRODENIA ORNITHOGALLI Guen (YEL-
 LOW-STRIPED ARMYWORM)*
 (COTTON CUTWORM)
 Bruner & Valdes Barry, Control de
 Plagas 8[1 e 7] 54,57, 1945
 Hoffmann, J Ec Ent 38 357, 1945
 Knowlton, Sugar Beet 7(2) 12-14,
 1947
 Knowlton, Utah Acad Sci Arts & Let
 P 24 143-144, 1947 (Abs.)
 McDaniel, Flor Rev 98(2534) 34, 1946
 Parker, Ariz St Ent R f 1946/47 26
 Peay, Utah Farm & Home Sci, 7(2) 4,
 Mkt Grow J 75(8) 34,41, 1946
- PRODENIA ORNITHOGALLI - GLADIO-
 LUS
 Granovsky, Minn Hort. 75 36, 1947
 McDaniel, Gladiolus 22.45, 1947
- PRODENIA ORNITHOGALLI - INSECTI-
 CIDES
 Bottger & Levin, USDA EPQ E-738 2,
 4,6,10-11, 1947
 Kulash, J. Ec Ent. 40 927-928, 1947
 Michelbacher et al., Agr. Chem 2(3)
 21-23,52-54,68, 1947
- PRODENIA PRAEFICA Grote (WESTERN
 YELLOW-STRIPED ARMYWORM)*
 Harned, USDA EPQ Ins Pest Surv.
 Sum. of Ins. Conditions in 1945 16,
 1946
 Lange, Spreckels Sugar Beet Bul 11,
 6, 1947
 Smith, in Cal. Agr. Expt. Sta., Invest.
 with DDT in Cal. 1944:8, 1945.
- PROFENUSA CANADENSIS (Marl.)
 Annand, USDA EPQ R. f. 1946/47:11-
 12.
- PROFENUSA CANADENSIS--Continued
 Dewey, USDA EPQ Ins Pest Surv
 Sum of Ins Conditions in 1944 8,
 1945
- PROHIPPELATES PALLIDA (Loew), see
 CADREMA PALLIDA (Loew)
- PROISOTOMA MINUTA (Tullb.)
 Wressell, Can Ins Pest Rev 24 57,
 1946
- PROKELISIA CROCEA (Van D.)
 Beamer, Kans Ent Soc J 19 83-84,
 1946
- PROLABIA UNIDENTATA (Beauv.)
 Martorell, P R Univ J Agr 29 356,
 1945
 Scaramuzza, in Cuba Min Agr Estac.
 Expt Caña de Azúcar (Havana),
 Caña de Azúcar in Cuba 546, 1946
- PROMACHUS BASTARDII Macq
 Owsley, Ohio St Univ Abs Doctoral
 Diss 49 99-104, 1946
- PROMECOTARSUS DENSUS Casey
 Fautin, Ecol Monog 16 274, 1946
- *PROMETHEA MOTH, see CALLOSAM-
 IA PROMETHEA (Drury)
- PRONEMATUS BRACHYTARSUS, P
 VANDYKEI
 ni Baker, Mex Esc Nac Cien Biol
 An 4 255-257, 1946
- PRONOTACANTHA ANNULATA (Uhl.)
 Lauderdale, Ariz St Ent R f
 1945 46 20
- PROPHANURUS ALECTO (Cwfd.)
 Annand, USDA EPQ R f 1944, 45 23
 Plank & Bartlett, P R (Mayaguez)
 R f 1945 39, 1946
- PROSCUS WALSHIAE AUSTRALIS
 Cushman, see PHAEOGENES
 WALSHIA AUSTRALIS (Cushman)
- PROSIMULIUM HIRTIPES (Fries)
 U S Army Med Dept Bul 7 992,
 1947
- PROSPALTELLA AURANTII (How.)
 Griffiths & Stearns, Fla Ent 30 4-7,
 1947
 Griffiths & Thompson, J Ec Ent 40
 386-388, 1947
 Thompson, Fla R f 1946, 47 160
 Thompson & Griffiths, Fla St Hort
 Soc P 60 88, 1947.
- PROSPALTELLA TRANSVENA Timb
 Fullaway, Hawaii Bd Commrs Agr. &
 For. Bien R f 1943/44 54, 1945.
- PROTALEBRA CORDIAE Osh
 Martorell, P R Univ J. Agr 29 372,
 1945
- PROTALEBRA TABEBUIAE Doz
 Martorell, P R Univ J Agr 29 372,
 1945.
- PROTEOTERAS WILLINGANA (Kearf.)
 (BOXELDER TWIG BORER)*
 (MANITOBA MAPLE TWIG
 BORER)
 Peterson, Can. Dept. Agr. Div Ent
 For Ins. Surv. R f. 1944 55, 1945,
 f 1945 56, 1946
 Peterson, Can. Ins Pest Rev 24 113,
 1946, 25 69, 1947.
 Peterson & Sandercock, Can. Dept
 Agr. Div. Ent For. Ins Surv R f
 1946-73, 1947.

- PROTEOTERAS WILLINGANA**--Continued
 Richmond & McGuffin, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 48, 1945.
- PROTHECHUS** Rond.
 Hardy, Kans. Ent. Soc. J. 19 135-137, 1946.
- PROTOBOARMIA PORCELARIA** (Guen.) (DOTTED-LINE LOOPER)
 Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 46, 1947.
- PROTOCALLIPHORA** Hough - HOSTS
 1 Hill & Work, Condor 49:74-75, 1947
- PROTOLEUCANIA ALBILINEA** (Hbn.) (WHEAT HEAD ARMYWORM)*
 Arnason, Can. Ins. Pest Rev. 25:5, 1947.
 Arnason et al., Can. Ins. Pest Rev. 24 82-83, 1946.
 Manson, Can. Ins. Pest Rev. 25:23, 1947.
 Manson et al., Can. Ins. Pest Rev. 24 93, 104, 1946.
- PROTOPARCE** Burm
 Burgess, Ariz. R. 56 47, 1946
 1 Champie, Nat. Hist. 56:466, 1947
 Knowlton & Peay, Utah Mimeo. Ser. 325:1, 1946
- PROTOPARCE** sp
 Gauthier, Can. Ins. Pest Rev. 24 32, 1946
 Hayslip & Forsee, Fla. St. Hort. Soc. P. 60 154, 1947
 Kelsheimer, Fla. R. f. 1946/47 126
- PROTOPARCE QUINQUEMACULATA** (Haw.) (TOMATO HORNWORM)*
 Blasberg, Vt. Ext. C. 109 rev. 35, 1946.
 1 Chase, Nature Mag. 40.366-367, 1947.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 62, 1947
 Dean et al., Kans. Ent. Soc. J. 18:94, 1945.
 Garner, Prod. of Tob. 281-284, 1946.
 Gould, Ind. R. 58 54, 1945.
 Gould, Ind. Acad. Sci. P. 56:157-162, 1947?
 Hoerner, West. Colo. Hort. Soc. Trans. f. 1944.59, 1945.
 1 Lincoln, Ark. Ext. C. 438:9, 1945.
 1 Pepper, N. J. Ten-Ton Tomato Club R. f. 1945.21-23.
 1 Shull & Manis, Ida. Ext. B. 150.9, 1945.
 Smith et al., Kans. Ent. Soc. J. 20:56-58, 1947.
 1 Vorhies & Wehrle, Ariz. B. 203:47, 1946.
- PROTOPARCE QUINQUEMACULATA** - CANADA
 Goble & Gauthier, Can. Ins. Pest Rev. 25:40, 1947
 Maltais, Can. Ins. Pest Rev. 24:35, 1946.
 Stirrett, Can. Expt. Farms Serv., Tob. Div., Lighter 16(2):10-11, 1946.
 Stirrett, Can. Ins. Pest Rev. 25:43, 1947.
 Wressell, Can. Ins. Pest Rev. 24:54, 1946.
- PROTOPARCE QUINQUEMACULATA** - DUSTS
 Ford et al., Ind. R. 58:7, 1945
 Gould, Ind. R. 60:70, 1947.
 Smith et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:91, 1945.
 Wilcox & Howland, USDA EPQ E-699-1,4,6-8, 1946
- PROTOPARCE QUINQUEMACULATA** - DUSTS - DDT
 White, USDA EPQ E-692.10, 1946
- PROTOPARCE QUINQUEMACULATA** - EFFECT OF FUNGICIDES
 Schroeder & Hervey, USDA PISAE Plant Dis. Rptr. 31:192-194, 1947
- PROTOPARCE QUINQUEMACULATA** - INSECTICIDES
 Gould, Ind. R. 59 17-18, 1946.
 Michelbacher et al., Agr. Chem. 2(3) 21-23,52-54,68, 1947.
 Pepper, Pa. Veg. Grow. News 15(1) 59, 1945
 Stahl, J. Ec. Ent. 39:610-612, 1946
 Stahl et al., USDA EPQ E-639,17 p., 1945
- PROTOPARCE QUINQUEMACULATA** - INSECTICIDES - DDT
 Annand, USDA EPQ R. f. 1946/47 7
 White, USDA EPQ E-642 7, 1945
- PROTOPARCE QUINQUEMACULATA** - PHOTOGRAPHY
 1 Brownell, Amer. Photog. 39(8) 43, 1945
- PROTOPARCE QUINQUEMACULATA** - POISON BAIT
 b Scott & Milam, USDA EPQ E-735 1-11, 1947
- PROTOPARCE QUINQUEMACULATA** - TRAPS - BAIT
 b Scott & Milam, USDA EPQ E-735. 12-16, 1947.
- PROTOPARCE QUINQUEMACULATA** BLACKBURNI (Butl.)
 Williams, Hawaiian Ent. Soc. P. 13:10, 1947
- PROTOPARCE RUSTICA** (F.)
 b Comstock, South. Cal. Acad. Sci. B. 45 145-147, 1947.
 Martorell, P. R. Univ. J. Agr. 29:496-498, 1945.
- PROTOPARCE SEXTA** (Johan.) (TOBACCO HORNWORM)*
 1 Bissell & Dupree, Ga. B. 254:16-17, 1947.
 1 Conner & Kulash, N. C. Ext. C. 299: 6,8-11, 1947.
 Dean et al., Kans. Ent. Soc. J. 18:94, 1945.
 Dominick, Va. R. f. 1945/46:36.
 Gardiner, Can. Min. Agr. R. f. 1946/47:79.
 1 Garner, Prod. of Tob.:281-284, 1946.
 Gould, Ind. R. 58:54, 1945.
 Gould, Ind. Acad. Sci. P. 56:157-162, 1947?
 1 Nettles et al., S. C. Ext. B. 109:34-36, 1947.
 Price, Ky. Ext. C. 437:5-6, 1947.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46:19.
 1 Stirrett, Can. Dept. Agr. Div. Ent. Processed Pub. 56,4 p., 1946.

PROTOPARCE SEXTA--Continued.

- Stirrett, Can. Ins. Pest Rev. 25 43, 1947.
- 1 Vorhies & Wehrle, Ariz. B. 203:47-48, 1946.
- Wressell, Can. Ins. Pest Rev. 24 54, 1946.
- Caribbean Res. Council, Com. Agr., Nutr., Fisheries & For. Crop Inq. Ser. 5 68, 1947.
- Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob. 3-4, Cigar Tob. 4-5, Burley & Dark Fire-Cured Tob. 3-4, 1947.
- PROTOPARCE SEXTA - BIOLOGY
- b1 Madden & Chamberlin, USDA TB 896,51 p., 1945.
- PROTOPARCE SEXTA - DUSTS
- Annand, USDA EPQ R. f. 1944/45 5.
- Gould, Ind. R. 60 70, 1947.
- King, Ga. Coastal Plain B. 44 43-44, 1947.
- Wilcox & Howland, USDA EPQ E-699 1,4,6-8, 1946.
- PROTOPARCE SEXTA - DUSTS - DDT
- Gardiner, Can. Min. Agr. R. f. 1945/46 66.
- PROTOPARCE SEXTA - INSECTICIDES
- Allen, S. C. R. 57 114-117, 1945, 58 109-111, 113, 1946.
- Annand, USDA EPQ R. f. 1946 47 7.
- Gould, Ind. R. 59 17-18, 1946.
- Krone et al., Mich. Ext. B. 4 rev. 90, 1945.
- Stahl, J. Ec. Ent. 39 610-612, 1946.
- Stahl et al., USDA EPQ E-639, 17 p., 1945.
- Va. Ext. B. 97 rev. 43, 1947.
- PROTOPARCE SEXTA - INSECTICIDES - DDT
- White, USDA EPQ E-642.7, 1945, E-692 10, 1946.
- PROTOPARCE SEXTA - LOSSES CAUSED BY
- Madden & Chamberlin, USDA TB 896 4-5, 1945.
- PROTOPARCE SEXTA - POISON BAIT
- Annand, USDA EPQ R. f. 1943/44 14.
- b Scott & Milam, USDA EPQ E-735.1-11, 1947.
- PROTOPARCE SEXTA - SPRAYS - DDT
- Allen & Early, S. C. R. 59 121, 1947.
- Ross, Can. Dept. Agr. Div. Ent. Proc. essed Pub. 64.2, 1947.
- Ross, Can. Grow. 70(4):18, 1947.
- PROTOPARCE SEXTA - TRAPS
- Gardiner, Can. Min. Agr. R. f. 1944/45.56
- PROTOPARCE SEXTA - TRAPS - BAIT
- b Scott & Milam, USDA EPQ E-735 12-16, 1947.
- PROTOPARCE SEXTA JAMAICENSIS (Butl.)
- Brunner & Valdes Barry, Control de Plagas 8 [i.e. 7]:54,57, 1945.
- PROTOPHORMIA TERRAE-NOVAE (Rob.-Desv.) & MYIASIS
- James, Misc. Pub. 631.76, 1947.
- PROTOPULVINARIA PYRIFORMIS (Ckll.) (PYRIFORM SCALE)*
- Armitage et al., Cal. Dept. Agr. B. 35: 198, 1947.

PROTOPULVINARIA PYRIFORMIS--Continued.

- Wolfe et al., Fla. Ext. B. 129 86, 1946.
- PROTOSCHELOBATES SEGHEITTI
- Runkel & Kates AS HOST OF SHEEP TAPEWORM
- bmi Runkel & Kates, Helminth. Soc. Wash. P. 14 64-67, 1947.
- PROTOSTIGMUS Turn.
- Pate, Bklyn. Ent. Soc. B. 40 37, 1945.
- PRUNE INSECTS
- Borden & Madsen, Sunsweet Std. 31 (7) 8-9, 1947.
- Dewey, N. Y. St. Hort. Soc. P. 90 44, 1945, 91.88, 1946, 92 61-62, 1947.
- Jones, Oreg. St. Hort. Soc. R. 38 9-11, 1946.
- Jones et al., Oreg. C. Inform. 405 1-2, 4, 1947.
- Mills & Dewey, N. Y. (C.) Ext. B. 711 71-75, 1947.
- PRUNE THRIPS, see TAENIOTHRIPS
- INCONSEQUENS (Uzel)
- PSALIDOPTERYX PSILOCORSIPHAGA Brooks
- Smith, Acadian Nat. 2.120, 1946.
- PSALIS AMERICANA GAGATHINA (Burm.)
- Martorell, P. R. Univ. J. Agr. 29 356, 1945.
- PSALLUS Fieb.
- Fautin, Ecol. Monog. 16 264,266, 1946.
- PSALLUS ANCORIFER (Fieb.) (ONION LYGUS BUG)
- Besse, Oreg. C. Inform. 353 6, 1945.
- Thompson, J. Ec. Ent. 38 277, 1945.
- PSALLUS SERIATUS (Reut.) (COTTON FLEAHOPPER)*
- 1 Brett, Okla. B. 303,11 p., 1946.
- b1 Brett et al., Okla. TB-24,31 p., 1946.
- Harned, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945 16, 1946.
- 1 King, Tex. Ext. B. 154 5,13-14, 1947.
- Loftin, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944 13, 1945.
- Starnes, Agr. Flying. Ground School Curriculum Offered in Conjunction with Crop Dusting Training 6-7, 1947.
- 1 USDA EPQ Picture Sheet 18,2 p., 1946.
- PSALLUS SERIATUS - DUSTS
- Annand, USDA EPQ R. f. 1946/47.13-14.
- Fife et al., J. Ec. Ent. 38:598-599, 1945.
- Ivy & Ewing, J. Ec. Ent. 39:40, 1946, 40:568-569, 1947.
- Ivy et al., J. Ec. Ent. 40.514-515,517, 1947.
- Lyle, Miss. Farm Res. 8(5):7-8, 1945.
- Trullinger et al., USDA OES R. f. 1945/46.111, 1947.
- Westbrook, Ga. Ext. B. 523 42-43, 1945.
- PSALLUS SERIATUS - DUSTS - DDT
- Annand, USDA EPQ R. f. 1944/45.17; f. 1945/46 6.
- Ewing & Parencia, J. Ec. Ent. 38 495-496, 1945.
- Loftin, USDA EPQ E-657:1,4-5, 1945.

- PSALLUS SERIATUS - DUSTS - DDT--
Continued.
Smith, in Cal. Agr. Expt. Sta., Invest.
with DDT in Cal. 1944:7, 1945.
- PSALLUS SERIATUS - DUSTS - DDT &
SULFUR
Gaines, Cotton & Cotton Seed Press
47(10):6-7, 1946.
- PSALLUS SERIATUS - FOOD & HOST
PLANTS
Brett et al., Okla. TB-24.10-11,29,
1946.
- PSALLUS SERIATUS - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:10.
USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R. 12, 1947.
- PSALLUS SERIATUS - INSECTICIDES -
DDT
Anderson, USDA R. Sec. f. 1947.138.
b Parencia et al., J. Ec. Ent. 39:329-
335, 1946.
- PSALLUS SERIATUS - REMOVAL OF
COTTON SQUARES
Brett et al., Okla. TB-24.17-18, 1946.
- PSALMOPHEUS PULCHER Petrunk.
Baerg, Conn. Acad. Arts & Sci. Trans.
36.111, 1945.
- PSAMMOCHARIDAE - GENERA
Pate, Amer. Ent. Soc. Trans. 72:65-
130, 1946.
- PSAMMOTETTIX STRIATUS (L.) & MO-
SAIC OF WHEAT
Johnson, Ohio J. Sci. 45 89,95, 1945.
- PSAPHAROCHRUS QUADRIGIBBUS (Say)
1 Knull, Ohio Biol. Surv. B. 39 243,
1946.
- PESELAPHIDAE
1 Park, Sci. Month. 65:27-42, 1947.
- PESELAPHIDAE - MEXICO
bnik Park, Chicago Acad. Sci. B. 7 331-
443, 1945.
- PESEOCERUS SUPERNOTATUS (Say)
1 Knull, Ohio Biol. Surv. B. 39:262,
1946.
- PESEOCYSTA PERSEAE (Heid.)
Tinoco Corona, Fitófilo 4:360-362,
1945.
Wolfe et al., Fla. Ext. B. 129:88, 1946.
Wolfenbarger, Fla. R. f. 1946/47:248.
Wolfenbarger, Fla. Ent. 29:37-38,42,
44, 1947.
- PESEONOPHTHALMUS Jeannel - SPE-
CIATION
bm Valentine, Conn. Acad. Arts & Sci.
Trans. 36.633-671, 1945.
- PESEONIDIA DUPLEX (Ckll.) (CAM-
PHOR SCALE)*
Condit, Fig:182, 1947.
1 English, Amer. Camellia YB 1:34,
1946.
Morrison, Cal. Dept. Agr. B. 35:134,
1946.
- PESEONIDIA PAEONIAE (Ckll.)
(PEONY SCALE)
Davis, Azaleas & Camellias for the
Gard.:53-55, 1947.
English, Ala. R. 54/55:27, 1946.
1 English, Amer. Camellia YB 1:34,
1946.
Morrison, Cal. Dept. Agr. B. 35:134,
1946.
- PESEONIDIA TESSERATA (Charmoy)
Martorell, P. R. Univ. J. Agr. 29:409,
1945.
- PESEODAPHYCUS Clausen
nk Gahan, USNM P. 96:311-327, 1946.
- PESEODAPHYCUS sp.
Annand, USDA EPQ R. f. 1944/45.24,
f. 1945/46.23.
Brigham, Conn. Pom. Soc. P. 55 95,
1946; 56.94, 1947.
Clancy, USDA EPQ Ins. Pest Surv.
Sum. of Ins. Conditions in 1944 8,
1945.
Cutright, Ohio B. 659.107, 1945.
Hough et al., J. Ec. Ent. 38:423-425,
1945.
Rice et al., Del. B. 259 23, 1945.
Sakimura, Hawaiian Ent. Soc. P. 13
26, 1947.
Slate, Conn. R. f. 1944/45 20, f.
1945/46 12.
- PESEODAPHYCUS sp. near ORIENTALIS
Ferriere
Sakimura, Hawaiian Ent. Soc. P. 13 9,
1947.
- PESEODAPHYCUS ANGELICUS (How.)
Burnett, Quebec Soc. Protect. Plants
R. 29 86, 1945.
- PESEODAPHYCUS MALINUS Gahan
Annand, USDA EPQ R. f. 1946/47 25.
- PESEODAPHYCUS MUNDUS Gahan
Clancy & Pollard, J. Ec. Ent. 40 579,
1947.
- PESEODALACASPIS PENTAGONA
(Targ.) (WHITE PEACH SCALE)*
Acuña & de Zayas, Cuba (Santiago de
las Vegas) C. 85 12, 1946.
Martorell, P. R. Univ. J. Agr. 29 404
405, 1945.
Osorio, B. Inform. Agr. Gobierno
Prov. Las Villas 17(130) 9, 1945.
- PESEDEXENTERA IMPROBANA ORE-
GONANA (Wism.)
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944 56, 1945.
- PESEDEXENTERA MALI (Freeman)
Ross, Can. Ins. Pest Rev. 25 89, 1947.
- PESEDHOMALPODA PRIMA Gr.
Griffiths & Stearns, Fla. Ent. 30 4-7,
1947.
1 Griffiths & Thompson, J. Ec. Ent.
40.386-388, 1947.
Mathis, Fla. Ent. 29.33, 1947.
Thompson, Fla. R. f. 1946/47:160.
Thompson & Griffiths, Fla. St. Hort.
Soc. P. 60:88, 1947.
- PESEDISCHNASPIS ALIENUS (Newst.)
Swezey, Hawaiian Ent. Soc. P. 12:379,
1945.
- PESEDISCHNASPIS BOWREYI (Ckll.)
Martorell, P. R. Univ. J. Agr. 29 412,
1945.
- PESELEPTOMASTIX SQUAMMULATA
Gr. - EGGS & LARVAE
1 Maple, Cal. Univ. Pub. Ent. 8.112-
113, 1947.
- PESEDOARCHYTAS INCERTA (Macq.),
see ARCHYTAS INCERTA (Macq.)
- PESEDOARCHYTOPSIS sp.
Annand, USDA EPQ R. f. 1943/44:24.

- PSEUDOCACILIUS PRETIOSUS (Banks)
Martorell, P. R. Univ. J. Agr. 29:367,
1945.
- PSEUDOCACIETA Coq. - NORTH AMERI-
CA
nk Reinhard, Can. Ent. 78 111-121,
1946.
- PSEUDOCACIETA CANADENSIS Brooks
n Brooks, Can. Ent. 77:93-94, 1945.
- PSEUDOCACIUS Lacord.
i Burum, Hawaii Farm & Home 8(11)
10-11, 1945.
- PSEUDOCACISTA GLOBOSA (Townsend), see
MYIOPHASIA GLOBOSA (Townsend.)
- PSEUDOCACIUS BIFASCIATUS
Roel. - AMERICA
Buchanan, Bklyn. Ent. Soc. B. 41 143,
1946.
Soraci, N. Y. Ent. Soc. J. 55 274, 1947.
- PSEUDOCACIUS SETOSUS (of
Amer. auth., not Roel.), see
PSEUDOCACIUS BIFASCIATUS
Roel.
- PSEUDOCACIUS CLAUSENI Timb.,
see MELANAPHYCUS CLAUSENI
(Timb.)
- PSEUDOCACIUS FUMIPENNIS Timb.,
see MELANAPHYCUS FUMIPEN-
NIS (Timb.)
- PSEUDOCACIUS TERRYI (Fullaway)
Clancy & Pollard, J. Ec. Ent. 40 579,
1947.
- PSEUDOCACIUS Westw.
Morrill & Otnes, J. Ec. Ent. 40 599,
1947.
- PSEUDOCACIUS sp.
Wolfe et al., Fla. Ext. B. 129-91, 1946.
- PSEUDOCACIUS ADONIDUM (L.)
(LONG-TAILED MEALYBUG)*
Condit, Fig. 182, 1947.
Ebeling, Cal. Ext. C. 43 rev. 52, 1947
Hamilton, Natl. Chrysanthemum Soc.
B. 3(2):6-7, 1947.
Heming, in Cal. Fuchsia Soc., A to Z
on Fuchsias:14-15, 1946.
i Martorell, P. R. Univ. J. Agr. 29
389-390, 1945.
Morrison, Cal. Dept. Agr. B. 35 135,
1946.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 2) 5.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45.11, f. 1945/46:
20, f. 1946/47.11.
- PSEUDOCACIUS ADONIDUM - INSECTI-
CIDES
DeBach, J. Ec. Ent. 39:695-697, 1946.
Hensill, Agr. Chem. 2(11):23, 1947.
- PSEUDOCACIUS ADONIDUM - PARA-
SITES & PREDATORS
Clancy & Pollard, J. Ec. Ent. 40:578-
579, 1947.
DeBach, J. Ec. Ent. 39:695-697, 1946.
i DeBach & Fleschner, Cal. Citrog.
33:22-24, 1947.
DeBach & Fleschner, Cit. Leaves 27
(11):9,27, 1947.
- PSEUDOCACIUS BAKERI Essig, see
PSEUDOCACIUS MARITIMUS
(Ehrh.)
- PSEUDOCACIUS BONINSIS (Kuw.)
(SUGARCANE MEALY BUG)
Barreto, Inst. Cubano de Suelos y
Abonos Inform. Téc. 5 831-833,
1946.
Ingram et al., Sugar J. 9(11) 12-13,
1947.
Lyle, J. Ec. Ent. 40 3, 1947.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba 532,546, 1946.
- PSEUDOCACIUS BONINSIS - PARA-
SITES
Clancy & Pollard, J. Ec. Ent. 40 579,
1947.
- PSEUDOCACIUS BREVIPIES (Ckll.)
(PINEAPPLE MEALYBUG)*
Martorell, P. R. Univ. J. Agr. 29 389,
1945.
Osburn, J. Ec. Ent. 38 610, 1945.
Wolfenbarger, Fla. R. f. 1946/47 250.
b Wolfenbarger & Westgate, Fla. St.
Hort. Soc. P. 59 122-125, 1946.
- PSEUDOCACIUS BREVIPIES - ORAL
SECRETIONS
Carter, Hawaiian Acad. Sci. P. 17/18
22, 1945. (Abs.)
b Carter, J. Ec. Ent. 38 335-338,
1945.
- PSEUDOCACIUS BREVIPIES - PARA-
SITES
Bartlett, P. R. (Mayaguez) R. f. 1944
27, 1945.
Carter, Hawaiian Ent. Soc. P. 12 489,
1946.
Clancy & Pollard, J. Ec. Ent. 40 579,
1947.
Fullaway, Hawaii Bd. Comm. Agr. &
For. Bien. R. f. 1944/46 37-38.
Sakimura, Hawaiian Ent. Soc. P. 13:
17,22-23,26, 1947.
- PSEUDOCACIUS BREVIPIES & WILT OF
PINEAPPLE
b Carter & Collins, Phytopathology
37 332-348, 1947.
i Ruehle & Westgate, Fla. R. f.
1944/45:140-142.
b Westgate, Fla. St. Hort. Soc. P. 58
194-196, 1945.
b Wolfenbarger & Westgate, Fla. St.
Hort. Soc. P. 59 122-125, 1946.
- PSEUDOCACIUS CITRI (Risso) (CITRUS
MEALYBUG)*
Hamilton, Natl. Chrysanthemum Soc.
B. 3(2):6-7, 1947.
Heming, in Cal. Fuchsia Soc., A to Z
on Fuchsias:14-15, 1946.
Martorell, P. R. Univ. J. Agr. 29 390-
391, 1945.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45.11, f. 1945/46:
20, f. 1946/47 11.
b Smith & Goodhue, J. Ec. Ent. 38.
177-188, 1945.
Steinweden, Orchid Digest 9:267,
1945.
- PSEUDOCACIUS CITRI - INSECTICIDES
Smith et al., Chrysanthemum Soc.
Amer. B. 15(2):5-6,9-11, 1947.

PSEUDOCOCCUS CITRI - INSECTICIDES
 --Continued.
 Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:87-88, 1947.
 Zimmerman & Hartzell, Boyce Thompson Inst. Contrib. 15:17-19, 1947.

PSEUDOCOCCUS CITRI - INSECTICIDES - DDT & OIL
 Griffiths & Thompson, J. Ec. Ent. 40: 388, 1947.

PSEUDOCOCCUS CITRI - PARASITES
 Bartlett, P. R. (Mayaguez) R. f. 1944. 27, 1945.
 Burnett, Quebec Soc. Protect. Plants R. 29:86, 1945.
 Clancy & Pollard, J. Ec. Ent. 40:578-579, 1947.
 Fullaway, Hawaiian Ent. Soc. P. 13:11, 1947.
 Smith, Cal. Citrog. 31:452, 1946.

PSEUDOCOCCUS CITRI & MOSAIC OF TOBACCO
 Jensen, Hawaiian Ent. Soc. P. 12:552, 557, 1946.

PSEUDOCOCCUS CITROPHILUS Clausen
 see PSEUDOCOCCUS GAHANI Green

PSEUDOCOCCUS COMSTOCKI (Kuw.) (COMSTOCK MEALYBUG)*
 Clancy, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944.8, 1945; in 1945:7, 1946.
 Cutright, Ohio B. 659:106-108, 1945.
 Gardiner, Can. Min. Agr. R. f. 1945/46:18.
 Marcovitch & Stanley, Tenn. R. 57:78, 1945?
 Martin, N. J. R. 67:48, 1947?
 Sheppard, Can. Ins. Pest Rev. 24:51, 1946; 25:44, 1947.
 Slate, Conn. R. f. 1944/45:20,22.
 Stearns, Del. B. 263:28, 1947.

PSEUDOCOCCUS COMSTOCKI - ON-TARIO (NIAGARA FALLS)
 Sheppard, Can. Ent. 77:217, 1945.

PSEUDOCOCCUS COMSTOCKI - PARASITES
 Annand, USDA EPQ R. f. 1944/45:24, f. 1945/46:23; f. 1946/47:25.
 Brigham, Conn. Pom. Soc. P. 55:95, 1946; 56:93-94, 1947.
 Clancy & Pollard, J. Ec. Ent. 40:578-579, 1947.
 MacCreary, Del. B. 263:27, 1947.
 Martin, N. J. R. 66:50, 1946.
 Rice et al., Del. B. 259:23, 1945.
 Sakimura, Hawaiian Ent. Soc. P. 13:9, 1947.
 Slate, Conn. R. f. 1945/46:12.

PSEUDOCOCCUS COMSTOCKI - PARASITES - EFFECT OF DDT
 Hough et al., J. Ec. Ent. 38:423-425, 1945.

PSEUDOCOCCUS COMSTOCKI - SPRAYS
 Hough, Va. Fruit 33(1):186-187, 190, 1945.
 Wallace, Conn. B. 501:90-92, 1946.

PSEUDOCOCCUS COMSTOCKI - SPRAYS - DDT
 Fleming, USDA EPQ E-724:13, 1947.

PSEUDOCOCCUS COMSTOCKI - SPRAYS - DDT --Continued.
 Hough, Amer. Pom. Soc. P. 60:182-184, 1945?
 Hough et al., J. Ec. Ent. 38:422-425, 1945.
 Schoene, Cumberland-Shenandoah Fruit Growers' Conf. P. 22: [27], 1945.

PSEUDOCOCCUS COMSTOCKI - SURVEYS
 Annand, USDA EPQ R. f. 1946/47:33.
 Armitage et al., Cal. Dept. Agr. B. 35:197, 1947.

PSEUDOCOCCUS DENTATUS (Lobd.) - PARASITES
 Clancy & Pollard, J. Ec. Ent. 40:579, 1947.

PSEUDOCOCCUS GAHANI Green (CITROPHILUS MEALYBUG)*
 Condit, Fig:182, 1947.
 Ebeling, Cal. Ext. C. 43 rev.:52, 1947.
 Essig, Pest Control & Sanit. 1(4) 22, 1946.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:11, f. 1945/46:20.

PSEUDOCOCCUS GAHANI - DISEASES, FUNGUS
 b Boyce & Fawcett, J. Ec. Ent. 40: 702-705, 1947.

PSEUDOCOCCUS GAHANI - PARASITES
 Ebeling, Cit. Leaves 25(8):9, 1945.
 Smith, Cal. Citrog. 31:414, 1946.
 Steinweden, Cal. Dept. Agr. B. 34:181, 1946.

PSEUDOCOCCUS JUNIPERI Ehrh. (JUNIPER MEALY BUG)
 Calkins, Kans. Ent. Soc. J. 19:66-69, 1946.
 Smith et al., Kans. Ent. Soc. J. 19:49, 1946; 20:54,58, 1947.

PSEUDOCOCCUS LONGISPINUS (Targ.), see PSEUDOCOCCUS ADONIDUM (L.)

PSEUDOCOCCUS MARITIMUS (Ehrh.) (GRAPE MEALYBUG)* (BAKER'S MEALYBUG) (TAXUS MEALYBUG)
 Ebeling, Cal. Ext. C. 43 rev.:52, 1947.
 Granovsky, Minn. Hort. 75:59-60, 118-119, 1947.
 McDaniel, Flor. Rev. 98(2534):33, 1946.
 McDaniel, Gladiolus 22:41,43-44, 1947.
 Martorell, P. R. Univ. J. Agr. 29:391, 1945.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:11; f. 1945/46:20; f. 1946/47:11.
 Steinweden, Orchid Digest 9:267, 1945.

PSEUDOCOCCUS MARITIMUS - PARASITES
 Burnett, Quebec Soc. Protect. Plants R. 29:86, 1945.
 Clancy & Pollard, J. Ec. Ent. 40:578-579, 1947.
 Fullaway, Hawaiian Ent. Soc. P. 13: 11, 1947.

PSEUDOCOCCUS MARITIMUS - SPRAYS
 Borden, Cal. C. 365:73,76, 1946.

- PSEUDOCOCCUS MARITIMUS - SPRAYS**
 --Continued.
 Hensill, Agr. Chem. 2(11) 23, 1947.
 Rayner, Pear Grow. League Ann. Mar. 1946.28.
- PSEUDOCOCCUS MARITIMUS -**
- SPRAYS - DDT
 Fleming, USDA EPQ E-724 13, 1947.
 Fleming & Maines, J. Ec. Ent. 40 849-850, 1947.
- PSEUDOCOCCUS MARITIMUS - TAXUS**
 Neiswander, Ohio B. 673 86, 1947.
- PSEUDOCOCCUS MARITIMUS & MOSAIC OF BEANS**
 Jensen, Hawaiian Ent. Soc. P. 12 552, 557,582, 1946.
- PSEUDOCOCCUS NIPAE (Mask.) (COCO-NUT MEALYBUG)***
 Condit, Fig 182, 1947.
 1 Martorell, P. R. Univ. J. Agr. 29 392-394, 1945.
- PSEUDOCOCCUS SACCHARI (Ckll.), see TRIONYMUS SACCHARI (Ckll.)**
- PSEUDOCOCCUS SORGHIELLUS (Forbes)**
 Clancy & Pollard, J. Ec. Ent. 40 579, 1947.
- PSEUDOCOCCUS VIRGATUS (Ckll.)**
 Clancy & Pollard, J. Ec. Ent. 40 578-579, 1947.
 Martorell, P. R. Univ. J. Agr. 29 394, 1945.
- PSEUDOCRYPTOTHRIPS REMOTUS**
 Bianchi
 in Bianchi, Hawaiian Ent. Soc. P. 13 40-41, 1947.
- PSEUDOEPAMEIBAPHIS Gill. & Palmer - DISTRIBUTION**
 Knowlton, Bklyn. Ent. Soc. B 41.5, 1946.
- PSEUDOGAURAX SIGNATUS Loew**
 Baerg, Conn. Acad. Arts & Sci. Trans. 36 103, 1945.
- PSEUDOGONATOPUS HOSPES Perk.**
 Swzey, Hawaiian Ent. Soc. P. 13 18, 1947.
- PSEUDOHemicERAS KRUGII (Moschl.)**
 Martorell, P. R. Univ. J. Agr. 29 507, 1945.
- PSEUDOLACASPIS PENTAGONA (Targ.)**
 Osorio, Control de Plagas 8 [i.e. 7] 75, 1945.
- PSEUDOLYNCHIA CANARIENSIS (Macq.) (PIGEON FL.Y)***
 1 Levi, Making Pigeons Pay.224-225, 1946.
 Seiden, Poult. Handb.281-282, 1947.
 Yager & Gleiser, Amer. Vet. Med. Assoc. J. 109:206-207, 1946.
 U. S. War Dept. TM 11-410:75-77, 1945.
- PSEUDOLYNCHIA CANARIENSIS & MALARIA, AVIAN**
 Herman, Cal. Fish & Game 31(1):22, 1945.
 Rivero, Medicina Rev. Mex. 27:197, 199, 1947.
- PSEUDOLYNCHIA MAURA (Bigot), see PSEUDOLYNCHIA CANARIENSIS (Macq.)**
- PSEUDOPARLATORIA OSTRETA Ckll.**
 Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:12, 1946.

- PSEUDOPARLATORIA OSTRETA--Continued.**
 Martorell, P. R. Univ. J. Agr. 29 412, 1945.
 Osorio, B Inform. Agr. Gobierno Prov. Las Villas 17(130):9, 1945.
 Osorio, Control de Plagas 8 [i.e. 7]. 75, 1945.
- PSEUDOPARLATORIA PARLATORIOIDES (Comst.)**
 Cory, J. Ec. Ent. 38:395, 1945.
 Cory, Amer. Orchid Soc. B. 13 376, 1945, 16.146-147, 1947.
 Martorell, P. R. Univ. J. Agr. 29 412, 1945.
 Steinweden, Orchid Digest 9 265-266, 1945.
 Swzey, Hawaiian Ent. Soc. P. 12 389, 1945.
- PSEUDOPERICHAETA ROSEANAE**
 Brauer & Bergstm.
 Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6) 4.
 Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1946, No. 3) 4.
- PSEUDOPHYCUS sp.**
 MacCreary, Del. B. 263:27, 1947.
- PSEUDOPITYOPHTHORUS ASPERULUS (Lec.) 124, P. MINUTISSIMUS (Zimm), 123, P. PRUNOSUS (Eichh) 121, P. PUBESCENS Blackm. 123**
 Beal & Massey, Duke Univ. School For. B. 10 1945.
- PSEUDOPUSIA ROGATIONIS (Guen.)**
 Bottger & Levin, USDA EPQ E-729, 23 p., 1947.
 Gertler, USDA EPQ E-705:8, 1946, E-732:6, 1947.
- PSEUDOPSECTRA COCKEORUM Zimm**
 in Zimmerman, Hawaiian Ent. Soc. P. 12.659-660, 1946.
- PSEUDOSARCOPHAGA sp.**
 Daviault, Quebec Min. Lands & For. R. f. 1945/46:114, 1947.
- PSEUDOSARCOPHAGA sp. near AFFINIS (Fall.)**
 Wilkes, Quebec Soc. Protect. Plants R. 30:111, 1947.
- PSEUDOSARCOPHAGA AFFINIS (Fall.)**
 Coppel, Ent. Soc. Ont. R. 77 39, 1947.
 Wilkes, Can. Ent. 78 84-86, 1946.
 Wilkes, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:14-17, 1947.
- PSEUDOSCORPIONIDA see CHELO-NETHIDA**
- PSEUDOSERYMLE STRAMINEA (Scudd.)**
 Fautin, Ecol. Monog. 16 267,269, 1946.
- PSEUDOSPINX TETRIO (L.)**
 Martorell, P. R. Univ. J. Agr. 29: 498, 1945.
- PSEUDOSTRANGALIA CRUENTATA (Hald.)**
 1 Knull, Ohio Biol. Surv. B. 39.157, 1946.
- PSEUDOTACHINOMYLA LONGIFORCEPS Brooks**
 n Brooks, Can. Ent. 77:89, 1945.

PSEUDOTHYSANOE LECONTEI
Blackm.

Beal & Massey, Duke Univ. School
For. B. 10:101, 1945.

PSILA ROSAE (F.) (CARROT RUST FLY)*

i Besse, Oreg. C. Inform. 353:5, 1945.
Buchanan, Wash. B. 482:71, 1946.

Chupp & Ieiby, N. Y. (C.) Ext. R. 206
rev. 66-67, 71, 1947.

Morrison et al., J. Ec. Ent. 38 283,
1945.

Newton & Boshier, Common-Tater 1
(4):3, 1945.

Pratt et al., N. Y. (C.) Ext. B. 696
rev. 47, 1947.

PSILA ROSAE - CANADA

Cannon, Can. Ins. Pest Rev. 24:10,
1946.

Downes et al., Can. Ins. Pest Rev. 25
28-29, 1947.

Gardiner, Can. Min. Agr. R. f.
1945, 46 17, 67, f. 1946/47 81-82.

Gauthier, Can. Ins. Pest Rev. 24:32,
1946.

Glendenning, Can. Dept. Agr. Div.
Ent. Processed Pub. 52, 5 p., 1946.

Glendenning, Can. Ins. Pest Rev. 24
117, 1946.

Patterson & Neary, Can. Ins. Pest
Rev. 24:17, 1946.

Thompson, Can. Ins. Pest Rev. 24:39,
1946.

PSILIDAE - INSECTICIDES

b Roark, USDA EPQ E-652 70-72,
1946.

PSILOCORIS FLETCHERELLA Gibs.

Atwood, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944 34, 1945.

PSITHYRUS INSULARIS (Smith)

Leech, Can. Ent. 79 134, 1947.

PSOCIDAE

Bissell & DuPree, J. Ec. Ent. 39:550-
552, 1946.

Gray & Smallman, Can. Dept. Agr.
Div. Ent. Processed Pub. 20 5, 1945.

i Malis, Handb. of Pest Control. 188-
191, 1945.

**PSOROPHORA Rob.-Desv. - INSECTI-
CIDES**

Madden et al., Mosq. News 6:10, 1946.

Madden et al., J. Ec. Ent. 40:121-123,
1947.

PSOROPHORA - INSECTICIDES - DDT

Stage, Cal. Mosq. Control Assoc. P.
14:10, 1946.

Wisecup & Deonier, J. Ec. Ent. 38
250-252, 1945.

Wisecup & Shillinger, Fla. Ent. 28:27-
29, 1945.

Wisecup et al., Mosq. News 6:20-24,
1946.

Yuill et al., Cal. Mosq. Control Assoc.
P. 14:45, 1946.

**PSOROPHORA - INSECTICIDES - DDT &
OIL**

Barber, Mosq. News 5:54, 1945.

Oppermann, Franklin Inst. J. 240:252-
253, 1945.

Wisecup et al., J. Ec. Ent. 39:52-55,
1946.

**PSOROPHORA - INSECTICIDES - DDT &
XYLENE & TRITON X-100**

Wisecup et al., J. Ec. Ent. 38:686-688,
1945.

PSOROPHORA - LARVAE

k Pratt, Ent. Soc. Wash. P. 48:213-
214, 1946.

**PSOROPHORA CILIATA (F.) (SHAGGY-
LEGGED GALLINIPPER)**

Breland, Mosq. News 7:77, 1947.

Michener, Amer. Mid. Nat. 37 359,
1947.

Peterson & Smith, J. Ec. Ent. 38:381,
1945.

Pritchard et al., Fla. Ent. 30 14, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24 8,
18, 24, 83, 85, 87-88, 1947.

Shlaifer & Harding, Tenn. Acad. Sci.
J. 21 254, 1946.

Wilson et al., Mosq. News 6:84, 1946.

Wisecup & Deonier, J. Ec. Ent. 38
250, 1945.

PSOROPHORA CILIATA - CORPORA

ALIATA

i Bodenstern, Conn. B. 488 400-401,
1945.

PSOROPHORA CILIATA - REARING -

BLOODLESS

Adams, Turtox News 24 174, 1946.

PSOROPHORA CILIATA - SOUTH CARO-

LINA

b Weathersbee & Arnold, Tenn. Acad.
Sci. J. 22:225-226, 1947.

PSOROPHORA CILIATA & FILARIASIS

Hunter & Harkema, Helminth. Soc.
Wash. P. 13 48, 1946.

Newton & Pratt, Amer. J. Trop. Med.
26:700-701, 703, 705-706, 1946.

Newton et al., Amer. J. Trop. Med.
25:256, 258-261, 1945.

PSOROPHORA COFFINI (Dyar & Knab) -

LARVAE

bi Pratt, Ent. Soc. Wash. P. 48:209-
213, 1946.

**PSOROPHORA COLUMBIAE (Dyar &
Knab), see PSOROPHORA CON-**

FINNIS (Arrblz.)

PSOROPHORA CONFINNIS (Arrblz.)

(DARK RICE-FIELD MOSQUITO)

(FLORIDA GLADES MOSQUITO)

Knowles & Fisk, U. S. Pub. Health
Rpts. 60 1005, 1945.

Pritchard et al., Fla. Ent. 30:13, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24:20-
21, 83, 86, 91-92, 1947.

Shlaifer & Harding, Tenn. Acad. Sci.
J. 21:254, 1946.

Wilson et al., Mosq. News 6:84, 1946.

Wisecup & Deonier, J. Ec. Ent. 38
250, 1945.

Wylie, Fla. R. f. 1946/47:203.

Wylie & Wilson, Fla. R. f. 1945/46.
189.

PSOROPHORA CONFINNIS - BREEDING

PLACES

Pratt, U. S. Pub. Health Rpts. Sup.
200:9, 1947.

PSOROPHORA CONFINNIS - CALIFOR-

NIA

Seaman, Mosq. News 5:93, 1945.

PSOROPHORA CONFINNIS - INSECTICIDES - DDT

Eide et al., J. Ec. Ent. 38:540-541, 1945.

Wilson, Fla. R. f. 1946/47 204.

PSOROPHORA CONFINNIS - INSECTICIDES - DDT & FERTILIZER

b Horsfall, J. Ec. Ent. 39 723-725, 1946.

PSOROPHORA CONFINNIS - MISSISSIPPI

Michener, Amer. Mid. Nat. 37 352 353, 1947.

Peterson & Smith, J. Ec. Ent. 38 382, 1945.

PSOROPHORA CONFINNIS - POPULATIONS

Horsfall, Ent. News 57 243-244, 1946.

PSOROPHORA CONFINNIS - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22 226, 1947

PSOROPHORA CONFINNIS & FILARIASIS

Hunter & Harkema, Helminth. Soc. Wash. P. 13 47, 1946.

Newton et al., Amer. J. Trop. Med. 25 255,257-261, 1945.

Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944 '45 56.

PSOROPHORA CYANESCENS (Coq.)

Michener, Amer. Mid. Nat. 37 359, 1947.

Peterson & Smith, J. Ec. Ent. 38 382, 1945.

i Ross, Ill. Nat. Hist. Surv. B. 24 5,9, 86,88-89, 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21 254, 1946.

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22 226, 1947.

PSOROPHORA CYANESCENS & FILARIASIS

Newton & Pratt, Amer. J. Trop. Med. 26:700,703-706, 1946.

PSOROPHORA CYANESCENS & FILARIASIS OF DOGS

i Bacigalupo, P. R. J. Pub. Health & Trop. Med. 21(1):15-16, 1945.

PSOROPHORA DISCOLOR (Coq.)

Knowles & Fisk, U. S. Pub. Health Rpts. 60:1009, 1945.

Michener, Amer. Mid. Nat. 37 353-354, 1947.

Peterson & Smith, J. Ec. Ent. 38 382, 1945.

i Ross, Ill. Nat. Hist. Surv. B. 24 9, 83,86,92, 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21:254-255, 1946.

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:226, 1947.

PSOROPHORA DISCOLOR & FILARIASIS

Hunter & Harkema, Helminth. Soc. Wash. P. 13:47, 1946.

Newton & Pratt, Amer. J. Trop. Med. 26:700-706, 1946.

Newton et al., Amer. J. Trop. Med. 25. 256,258-261, 1945.

PSOROPHORA DISCRUCIANS (Wlkr.)

Davis, Ecol. Monog. 15:267,271,290, 294, 1945.

PSOROPHORA FEROX (Humb.)

Breland, Mosq. News 7:77, 1947.

PSOROPHORA FEROX --Continued.

Davis, Ecol. Monog. 15 267,271,290, 294, 1945.

Michener, Amer. Mid. Nat. 37 353, 355,357, 1947.

Peterson & Smith, J. Ec. Ent. 38 382, 1945.

i Ross, Ill. Nat. Hist. Surv. B. 24-8,9Q 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21 255, 1946.

Wilson et al., Mosq. News 6 84, 1946.

PSOROPHORA FEROX - REPELLENTS

Pigoan et al., U. S. Nav. Med. Bul. 46 1519, 1946.

PSOROPHORA FEROX - SOUTH CAROLINA

b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22 226-227, 1947.

PSOROPHORA FEROX & FILARIASIS

Eyles & Most, Amer. J. Trop. Med. 27:214-216,219, 1947.

Newton & Pratt, Amer. J. Trop. Med. 26 700-701,704-706, 1946.

PSOROPHORA HORRIDA (Dyar & Knab)

Michener, Amer. Mid. Nat. 37:357, 1947.

Peterson & Smith, J. Ec. Ent. 38:382, 1945.

i Ross, Ill. Nat. Hist. Surv. B. 24 84, 87,90-91, 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21:255, 1946.

Wilson et al., Mosq. News 6 84, 1946.

Wirth, J. Ec. Ent. 40 743, 1946.

PSOROPHORA HORRIDA - MALE & LARVAE

bi Roth, Ent. Soc. Wash. P. 47(1) 1-13,18-23, 1945.

PSOROPHORA HOWARDII Coq.

Michener, Amer. Mid. Nat. 37 359, 1947.

Peterson & Smith, J. Ec. Ent. 38 382, 1945.

Pritchard et al., Fla. Ent. 30 14, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24 9, 85,88-89, 1947.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21 255, 1946.

PSOROPHORA HOWARDII & FILARIASIS

Newton & Pratt, Amer. J. Trop. Med. 26-700-701,704-706, 1946.

PSOROPHORA JOHNSTONII (Grabh.)

Pritchard et al., Fla. Ent. 30:14, 1947.

PSOROPHORA LONGIPALPIS Roth

bni Roth, Ent. Soc. Wash. P. 47(1) 13-23, 1945.

Wirth, J. Ec. Ent. 40:744, 1947.

PSOROPHORA MEXICANA (Bellardi) - UNITED STATES

Joyce, Mosq. News 5:86, 1945.

PSOROPHORA PYGMAEA (Theob.)

Buren, Mosq. News 6:185, 1946.

Pratt, U. S. Pub. Health Rpts. Sup. 200:9, 1947.

Pritchard et al., Fla. Ent. 30:14, 1947.

PSOROPHORA SIGNIPENNIS (Coq.)

Lasky, Ent. News 57:228, 1946.

Shlaifer & Harding, Tenn. Acad. Sci. J. 21:255, 1946.

- PSOROPHORA VARIPES (Coq.)
Michener, Amer. Mid. Nat. 37:356-357, 1947.
Peterson & Smith, J. Ec. Ent. 38:382, 1945.
i Ross, Ill. Nat. Hist. Surv. B. 24:9, 20, 86, 91, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:255, 1946.
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:227, 1947.
- PSOROPHORA VARIPES - BREEDING PLACES
Buren, Mosq. News 6:120-121, 1946.
PSOROPTES COMMUNIS Fuerst., see PSOROPTES EQUI Gerv.
- PSOROPTES CUNICULI (Delaf.), see PSOROPTES EQUI CUNICULI (Delaf.)
- PSOROPTES EQUI Gerv. (SCAB MITE)*
Pemberton, Hawaiian Ent. Soc. P. 12:463, 1946.
- PSOROPTES EQUI BOVIS (Gerl.)
i Baker, N. Y. St. Vet. Col. Vet. Expt. Sta. Parasit. Lab., Barn Itch. 16-17, 1946.
Carr, Cal. Dept. Agr. B. 34:275, 1946, 35:287, 1947.
Rubio Lozano, Mex. Dir. Gen. Ganad. B. Mens. 17(4):1-20, 1946.
Simms, USDA BAI R. f. 1945/46:45.
- PSOROPTES EQUI CAPRAE & OTITIS, PARASITIC
Streeter, Vet. Med. 40:412-413, 1945.
- PSOROPTES EQUI CUNICULI (Delaf.)
Knipling, Iowa St. Col. J. Sci. 22:47-49, 1947.
Krebs, Science 103:459-460, 1946.
i Meek, Rabbit Raising for Profit: 216-217, 1947.
Osborne, Can. J. Compar. Med. 11:145, 1947.
- PSOROPTES EQUI CUNICULI & OTITIS, PARASITIC
Streeter, Vet. Med. 40:412-413, 1945.
- PSOROPTES EQUI OVIS (Hering) (SHEEP SCAB MITE)*
Baker, Mangt. & Feeding of Sheep. 223-226, 1947.
i Coffin, Man. Vet. Clin. Path. rev.: 59, 1945.
Conn, Sheep Health ed. 2:104-106, 1945.
i Hall et al., USDA FB 1330 rev.: 6-9, 1946.
Hyde, Ohio Dept. Agr. Bien. R. f. 1945/46:7-8, 1947.
Kammlade, Sheep Sci.: 468-470, 1947.
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.: 331, 1945.
Simms, USDA BAI R. f. 1945/46:52.
- PSOROSINA HAMMONDI (Riley) (APPLE LEAF SKELETONIZER)*
Davis, Oreg. St. Hort. Soc. R. 39:49, 1947.
- PSYCHODA Latr.
Boyd, Prev. Med. ed. 7:178, 1945.
Hansens, Sewage Works J. 19:515, 1947.
Kozma, Sewage Works Engin. 16:438, 1945.
- PSYCHODA --Continued.
Stirrett, Can. Ins. Pest Rev. 25:121, 1947.
- PSYCHODA - IDENTIFICATION
bi Rapp, N. Y. Ent. Soc. J. 55:169-171, 1947.
- PSYCHODA ALBIPENNIS Zett. & MYIASIS
i James, USDA Misc. Pub. 631:143, 1947.
- PSYCHODA ALBIPUNCTATUS Will., see TELMATOSCOPIUS ALBIPUNCTATUS (Will.)
- PSYCHODA ALTERNATA Say (FILTER FLY)
Billings, Sewage Works J. 19:1077-1079, 1947. (Abs.)
b Hirsch, Water & Sewage Works 93:249, 1946.
Lloyd, Sewage Works J. 17:1056-1059, 1945.
i Rhame, Sewage Works Engin. 17:639-641, 1946.
Simpson, Sewage Works Engin. 18:169, 1947.
West, Sewage Works J. 19:78-81, 1947.
- PSYCHODA ALTERNATA - INSECTICIDES - DDT
Bernauer, Water & Sewage Works 93:331-332, 1946.
i Brothers, Sewage Works J. 18:181-207, 1946.
Carollo, Sewage Works J. 18:208-211, 1946.
- PSYCHODA ALTERNATA & MYIASIS
i James, USDA Misc. Pub. 631:143-144, 1947.
- PSYCHODA CINEREA Banks
Lloyd, Sewage Works J. 17:1056-1057, 1945.
- PSYCHODA PHALAENOIDES (L.)
Wirth, Hawaiian Ent. Soc. P. 13:7, 1947.
- PSYCHODA PSEUDALTERNATA
Williams
n Williams, Hawaiian Ent. Soc. P. 12:637, 1946.
- PSYCHODA SEVERINI Tonn.
b Hirsch, Water & Sewage Works 93:249, 1946.
Lloyd, Sewage Works J. 17:1056-1059, 1945.
- PSYCHODIDAE
Manson-Bahr, Manson's Trop. Dis. ed. 12:951-952, 1945.
- PSYCHODIDAE - BARRO COLORADO ISLAND
ni Rapp, N. Y. Ent. Soc. J. 53:309-312, 1945.
- PSYCHODIDAE - REARING
Carollo, Sewage Works J. 18:208-211, 1946.
- PSYCHODIDAE - SOUTH & CENTRAL AMERICA
Rapp, N. Y. Ent. Soc. J. 53:21-30, 1945.
- PSYCHODIDAE - SPRAYS - DDT
Bishopp, Amer. J. Pub. Health 36:603, 1946.
Dove, USDA EPQ E-673:5, 1945.

- PSYCHODIDAE - TYPES, GENERIC
Rapp, Bklyn. Ent. Soc. B. 40:172-177, 1946.
- PSYCHODIDAE & MYIASIS
James, USDA Misc. Pub. 631 142-144, 1947.
- PSYCHONOTUA PERSONALIS Grote
Martorell, P. R. Univ. J. Agr. 29:539-540, 1945.
- PSYLLA BUXI (L.) (BOXWOOD PSYLLID)*
1 Boyd, N. J. Dept. Agr. C. 355 90, 1945.
Pyenson, J. Ec. Ent. 39 264, 1946.
Weiss & St. George, USDA FB 1855 rev. 16-17, 1947.
- PSYLLA MALI (Schmdd.) (APPLE SUCKER)*
Neary, N. S. Fruit Grow. Assoc. R. 82 37, 1945, 83 24, 1946, 84 116, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946, 25 87, 1947.
- PSYLLA MINUTICOLA Cwfd.
Martorell, P. R. Univ. J. Agr. 29 377, 1945.
- PSYLLA NEGUNDINIS (Mally) (MAPLE PSYLLID)
Bird & Mitchener, Can. Ins. Pest Rev. 24 71, 1946.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 53, 1945, f. 1945 56, 1946.
Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 69, 1947.
Peterson et al., Can. Ins. Pest Rev. 25:70, 1947.
1 Pletsch, Mont. B. 446 29-30, 1947.
- PSYLLA PYRICOLA Foerst. (PEAR PSYLLA)*
Davis, Oreg. Dept. Agr. Bien. R. f. 1944/46:43.
Flock, Ariz. St. Ent. R. f. 1944 18, 1945.
Hamilton, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945.7, 1946.
Hilborn et al., Maine Ext. B. 358 4, 1947.
Howland, Better Homes & Gard. 25(6). 24, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711 46-50, 1947.
Perham et al., Wash. St. Hort. Assoc. P. 42:290-291, 293-298, 1946, 43:264-265, 267, 1947.
- PSYLLA PYRICOLA - CANADA
Gardiner, Can. Min. Agr. R. f. 1944/45:71; f. 1945/46:16, 18, 87; f. 1946/47:86, 104.
Marshall & Olds, B. C. Ent. Soc. P. 43:1-3, 1947.
Marshall et al., Can. Ins. Pest Rev. 25:96-97, 1947.
Munro & Robertson, B. C. Dept. Agr. R. 41.W25.W76, 1947.
Munro et al., B. C. Dept. Agr. R. 40:V18,V45,V80-V81,V156, 1946.
Neary, N. S. Fruit Grow. Assoc. R. 83:25, 1946; 84:116, 1947.
- PSYLLA PYRICOLA - CANADA--Continued.
Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946.
Ross, Can. Ins. Pest Rev. 24:46, 1946.
- PSYLLA PYRICOLA - DISTRIBUTION
Davis, Ent. Soc. Wash. P. 49.143, 1947. (Abs.)
- PSYLLA PYRICOLA - INSECTICIDES
Annand, USDA EPQ R. f. 1944/45:42; f. 1945/46 11,13,17; f. 1946/47 12, 22.
Garman, Conn. B. 501.81-82, 1946.
- PSYLLA PYRICOLA - PACIFIC NORTH-WEST
Annand, USDA EPQ R. f. 1943/44:5, 1945, f. 1944/45 42, f. 1945/46 39-40, f. 1946/47.44.
Davis, Wash. St. Hort. Assoc. Proc. 41 143-145, 147-149, 1945.
Davis et al., Cal. Dept. Agr. Sp. Pub. 209 44-48, 1945.
- PSYLLA PYRICOLA - SPRAYS
Bourne & Whitcomb, Mass. B. 441 33, 1947.
Dustan et al., Can. Ent. 79 45,49, 1947.
Hamilton, J. Ec. Ent. 40 234-236, 1947.
Hamilton, N. Y. St. Hort. Soc. P. 92 157-161, 1947.
Hockey et al., N. S. Fruit Grow. Assoc. R. 84.159, 1947.
Hutson, Mich. St. Hort. Soc. R. 75 124, 1946.
Morgan, Can. Ent. 79 109, 1947.
Newcomer, Wash. St. Hort. Assoc. P. 43:45-46, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev. 48, 1946.
Roark, USDA EPQ E-721:8-9, 1947.
Ross & Armstrong, Can. Dept. Agr. Div. Ent. Processed Pub. 40,2 p., 1946.
Slate, Conn. R. f. 1944/45.20-21.
- PSYLLA PYRICOLA - SPRAYS - DDT
Marshall, Wash. St. Hort. Assoc. P. 42 69-70, 1946.
- PSYLLA PYRICOLA - SPRAYS - DDT vs BENZENE HEXACHLORIDE
Dustan et al., Sci. Agr. 26 113-116, 1946.
- PSYLLA PYRICOLA - SURVEYS
Armitage et al., Cal. Dept. Agr. B. 34:172-173, 1946.
Davis, Wash. St. Hort. Assoc. Proc. 41:143-145, 147, 1945.
Davis, Oreg. St. Hort. Soc. R. 39.47, 1947.
Davis, Wash. St. Hort. Assoc. P. 43 39-43, 1947.
Davis et al., Cal. Dept. Agr. Sp. Pub. 209:44-48, 1945.
Olds, Cal. Dept. Agr. Sp. Pub. 209.19-20, 1945.
Webster et al., Wash. B. 470:40, 1945.
Welling, Utah St. Bd. Agr. Bien. R. 13 30, 1947?
- PSYLLA PYRICOLA - TRAPS
Armitage, Cal. Dept. Agr. B. 33.234-235, 1945; 35:195, 1947.

- PSYLLA RIBESIAE (Cwfd.)
 1 Pletsch, Mont. B. 446:29-30, 1947.
- PSYLLID YELLOWS, see PARATRIOZA
- COCKERELLI & PSYLLID YELLOWS
- PSYLLIDAE
 Jensen, Ent. Soc. Amer. Ann. 39 242-245, 1946
 Knowlton, Bklyn. Ent. Soc. B. 46:61, 1946.
- PSYLLIDAE - CUBA
 n Tuthill, Ent. News 56:235-238, 1945.
- PSYLLIDAE - MEXICO
 nik Tuthill, Kans. Ent. Soc. J. 18:1-29, 1945.
- PSYLLIODES AFFINIS (Payk.) & LEAF ROLL OF POTATO
 Jensen, Hawaiian Ent. Soc. P. 12 599, 1946.
- PSYLLIODES PUNCTULATA Melsh. (HOP FLEA BEETLE)*
 Arnason et al., Can. Ins. Pest Rev. 24 87, 1946.
- PSYLLIOBORA NANA Muls.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:551, 1946.
- PSYLLIOBORA TAEDATA Lec.
 Pletsch, Mont. B. 446:79, 1947.
- PSYRASSA PERTENUE (Casey), P. UNICOLOR (Rand.)
 Knull, Ohio Biol. Surv. B. 39:199, 1946
- PTENIDIUM Er. - HORSE BLANKET
 Kingscote & Hill, Can. J. Compar. Med. 10:168, 1946.
- PTEROCHLORUS SALICINA (Gmel.)
 Swezey, Hawaiian Ent. Soc. P. 13:20, 1947.
- PTEROCOLUS OVATUS (F.) - GENITALIA - MALE
 1 Bruhn, Great Basin Nat. 8:11, 1947.
- PTEROCOMMA SMITHIAE Monell, see CLAVIGERUS SMITHIAE (Monell)
- PTEROCORMUS RUFIVENTRIS (Brullé)
 Swezey, Hawaiian Ent. Soc. P. 13 5, 1947.
- PTEROCYCLON FASCIATUM (Say), see MONARTHURUS FASCIATUM (Say)
- PTEROCYCLON MALI (Fitch), see MONARTHURUS MALI (Fitch)
- PTEROLICHUS ORTUSUS Robin
 Alicata et al., Poult. Sci. 25 376-380, 1946.
 Alicata et al., Hawaii R. f. 1944/46:98, 1947.
- PTEROMALUS PUPARUM (L.)
 Look, Hawaiian Ent. Soc. P. 13:28, 1947.
- PTERONARCYS sp.
 1 Walton, Pa. Angler 9 [i.e. 14](3):9, 1945.
- PTERONIDEA RIBESII (Scop.), see NEMATUS RIBESII (Scop.)
- PTERONIDEA VENTRALIS (Say), see NEMATUS VENTRALIS Say
- PTEROPHORUS PERISCCELIDACTYLUS (Fitch) (GRAPE PLUME MOTH)*
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:54, 1946.
 Roberts & Bourne, Mass. Ext. Leaf. 64 rev.:12-13, 1947.
- PTEROSTICHUS CALIFORNICUS (Dej.)
 Fautin, Ecol. Monog. 16:274, 1946.
- PTINIDAE
 Gardiner, Can. Min. Agr. R. f. 1945/46:77; f. 1946/47:95-96.
 Gray, Can. Ins. Pest Rev. 24:132, 1946.
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20 5, 1945.
 1 Linsley & Michelbacher, Pest Control & Sanit. 1(10):10-11, 1946.
 1 Mallis, Handb. of Pest Control 368-373, 1945.
- PTINIDAE - STORED GRAIN
 Cotton, Pest Control & Sanit. 2(12) 13, 1947.
- PTINUS FUR L. (WHITE-MARKED SPIDER BEETLE)*
 Gray, Can. Food Packer 17(11) 29, 1946.
- PTINUS OCELLUS Brown
 Downes et al., Can. Ins. Pest Rev. 25 124, 1947.
 Gray, Can. Food Packer 17(11) 29, 1946.
- PTINUS RAPTOR Sturm
 Gray, Can. Food Packer 17(11) 29, 1946.
- PTINUS VILLIGER (Reutt.) (HAIRY SPIDER BEETLE)*
 Anderson, Can. Dept. Trade & Com. Grain Res. Lab. R. 19 34, 1946.
 Arnason et al., Can. Ins. Pest Rev. 24 90, 1946, 25:124, 1947.
 1 Gray, Can. Food Packer 17(11) 27, 29, 1946.
- PTIOLINA Zett. - NEARCTIC
 nik Hardy & McGuire, Kans. Ent. Soc. J. 20 1-15, 1947.
- PTYCHODES TRILINEATUS (L.), see NEOPTYCHODES TRILINEATUS (L.)
- PTYCHOPODA MONATA Ramos
 n Ramos, P. R. Univ. J. Agr. 30 47-48, 1946.
- PTYCHOPTERIDAE
 n Alexander, Bklyn. Ent. Soc. B. 42 19-24, 1947.
- PUERTO RICAN MOLE CRICKET, see SCAPTERISCUS VICINUS Scudd.
- *PUGET SOUND WIREWORM, see CTENICERA AERIPENNIS AERIPENNIS (Khy.)
- PULEX IRRITANS L. (HUMAN FLEA)*
 1 Bishopp, USDA Leaf. 152 rev.:4 p., 1946.
 Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:3,44,46,64, 1947.
 1 Corrington, Nature Mag. 39:222, 1946.
 Davis, Ind. Acad. Sci. P. 56:153, 1947?
 Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:7-9, 1947.
 Pemberton, Hawaiian Acad. Sci. P. 16:14, 1945. (Abs.)
 U. S. War Dept. TB MED 184:5, 1945.
- PULEX IRRITANS - DEER
 Cowan, Can. J. Res. Sect. D 24:78, 1946.
- PULEX IRRITANS - INSECTICIDES - DDT
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:11-12, 1947.

- PULEX IRRITANS - MOUTH PARTS**
 1 Dampf, Soc. Mex. Hist. Nat. Rev 6 49-53, 58, 1945.
- PULEX IRRITANS & PLAGUE**
 Macchiavello, Amer. J. Pub. Health 36 844, 851-853, 1946.
- PULEX IRRITANS & SALMONELLOSIS**
 Varela & Olarte, Science 104 104-105, 1946.
- PULICIDAE**
 Murrill, Guide to Fla. Anim. 88, 1945
 b Roark, USDA EPQ E-654 3-7, 1945.
- PULVINARIA Targ.**
 nik Steinweden, Microentomology 11 1-28, 1946.
- PULVINARIA sp.**
 Eddy, R. I. Dept. Agr. & Conserv R 10 54, 1945.
- PULVINARIA ACERICOLA (Walsh & Riley) (MAPLE LEAF SCALE)**
 bi Baerg, Ark. B 470, 14 p, 1947.
- PULVINARIA FLOCCIFERA (Westw.)**
 Morrison, Cal. Dept. Agr. B 35 135, 1946.
- PULVINARIA ICERYI (Guér.)**
 1 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba. 553, 557, 1946.
- PULVINARIA PHAIAE Lull**
 Steinweden, Orchid Digest 9 265-266, 1945
- PULVINARIA POLYGONATA Ckll**
 Merrill & Otnes, J. Ec. Ent. 40 599, 1947.
- PULVINARIA PSIDII Mask. (GREEN SHIELD SCALE)***
 Fullaway, Hawaiian Ent. Soc. P. 13 8, 1947.
 Martorell, P. R. Univ. J. Agr. 29 394-395, 1945.
 Wolfe et al., Fla. Ext. B. 129 91, 1946.
- PULVINARIA URBICOLA Ckll.**
 Martorell, P. R. Univ. J. Agr. 29 395, 1945.
- PULVINARIA VITIS (L.) (COTTONY MAPLE SCALE)***
 1 Boyd, N. J. Dept. Agr. C. 355 106-107, 1945.
 Davis, Ind. Acad. Sci. P 56 151, 1947?
 Manson et al., Can. Ins. Pest Rev. 24 99-100, 1946.
 1 Morrow, Green Thumb 3(6) 18-19, 1946.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945.56, 1946.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946-72, 1947.
 Severin, S. Dak. R. 60:17, 1947.
- PUMPKIN BUG, see NEZARA VIRIDULA (L.)**
- PUMPKIN INSECTS**
 Parks & King, Ohio Ext. B. 76 rev..37, 1947.
- PUNKIES, see CULICOIDES**
- PURPLE-BACKED CABBAGEWORM, see EVERGESTIS STRAMINALIS (Hbn.)**
- PURPLE MITE, FLORIDA, see PARATETRANYCHUS CITRI (McG.)**
- *PURPLE SCALE, see LEPIDOSAPHES BECKII (Newm.)**
- PURPLE-TOP WILT OF POTATOES, see under genera EMPOASCA, GRAMINELLA, MACROSTELLES**
- PURPURICENUS AXILLARIS Hald., P. HUMERALIS (F.)**
 1 Knoll, Ohio Biol. Surv. B. 39.230, 1946.
- *PUTNAM SCALE, see ASPIDIOTUS ANCYLUS (Putn.)**
- PYCNODERES QUADRIMACULATUS Guér. (BEAN CAPSID) (SQUASH CAPSID)**
 Burgess, Ariz. R. 55.51, 1945.
 Flock, Ariz. St. Ent. R. f. 1944 16, 1945, f. 1945/46.16.
 Holdaway et al., Hawaii R. f. 1942/44 64, 1945.
 Osorio, Control de Plagas 8 107, 1946.
 Vorhies & Wehrle, Ariz. B. 203 45-46, 1946.
- PYCNODERES QUADRIMACULATUS - PARASITES**
 Fullaway, Hawaii Bd. Conins. Agr. & For. Bien. R. f. 1943 44 54, 1945.
 Fullaway, Hawaiian Ent. Soc. P. 13-7, 1947.
- PYCNOSCELUS SURINAMENSIS (L.) (SURINAM ROACH)* (BI-COLORED COCKROACH)**
 Blauvelt & Hoffman, N. Y. St. Flower Grow. B 29 4, 1947.
 1 Rehn, Sci. Month. 61 271-272, 1945.
- PYCNOSCELUS SURINAMENSIS - SEROLOGICAL REI ATIONSHIPS**
 Leone, Ent. Soc. Amer. Ann 40.424-428, 1947.
- PYEMOTES VENTRICOSUS (Newp.) (STRAW ITCH MITE)***
 Bare et al., USDA EPQ ET-247 4, 1947
 Berry, J. Ec. Ent. 40 804, 1947.
 Schweisheimer, Mill. & Feed 27(2) 11, 31, 1947
 Stearns, Del. B. 263 28, 1947.
 Underhill, Gard. Gossip 20(6) 14, 1945.
- PYRACANTHUS LACE BUG, see CORYTHUCA CYDONIAE Fitch**
- PYRALIS FARNALIS (L.) (MEAL MOTH)***
 Arnason et al., Can. Ins. Pest Rev. 24 90, 1946.
- *PYRAMID ANT, see DORYMYRMEX PYRAMICUS (Roger)**
- PYRAUSTA CERATA (F.)**
 Martorell, P. R. Univ. J. Agr. 29 530-531, 1945.
- PYRAUSTA NUHILALIS (Hbn.) (EUROPEAN CORN BORER)***
 Andrews, Del. St. Bd. Agr. Quart. B. 36(3):41, 1946.
 Annand, New Internatl. YB 1944.295, 1945.
 Blasberg, Vt. Ext. C. 109 rev. 35, 1946.
 Douglass, Mo. St. Dept. Agr. Bien. R. f. 1945/47-41.
 1 Gunderson & Elder, Hoard's Dairym 92:745, 1947.
 Jardine et al., USDA OES R. f. 1943/44.49, 1945.

- PYRAUSTA NUBILALIS**--Continued.
Larrimer, USDA FB 1714 rev.:25, 1946.
Lincoln & Miner, Ark. Ext. C. 437:11-12, 1945.
Marcovitch & Stanley, Tenn. R. 57:78, 1945.
Munro & Post, N. Dak. Bimo. B. 8(6): 29, 1946.
i USDA EPQ Picture Sheet 14,2 p., 1945.
- PYRAUSTA NUBILALIS - AEROSOLS - DDT**
i Dittman, J. Ec. Ent. 39:668, 1946.
- PYRAUSTA NUBILALIS - BROODS, MULTIPLE**
Bradley, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:25-27, 1947.
Deay, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:78-80, 1946.
Houser, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:81, 1946.
Vance, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:27-28, 1947.
b Wishart, Can. Ent. 79:81-83, 1947.
- PYRAUSTA NUBILALIS - CANADA**
Duncan, Quebec Min. Agr. R. f. 1945/46:27-28, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:17,65, f. 1946/47:79.
Gauthier, Quebec Min. Agr. R. f. 1944/45:60.
Gauthier, Can. Ins. Pest Rev. 24:31, 1946.
Gorham, Can. Ins. Pest Rev. 24:20, 1946.
Kennedy et al., Ont. Dept. Agr. R. f. 1944/45:108; f. 1945/46:122, f. 1946/47:24,158.
Maltais, Can. Ins. Pest Rev. 24:34, 1946.
Stirrett et al., Can. Ins. Pest Rev. 25:20, 1947.
Thompson, Ent. Soc. Ont. R. 75:6-8, 1945.
Thompson, Can. Ins. Pest Rev. 24:36-37, 1946.
Thompson & Goble, Ent. Soc. Ont. R. 76:14-15, 1946.
Twinn, Can. Ins. Pest Rev. 23:4, 1945.
Wressell, Can. Ins. Pest Rev. 24:54, 1946.
- PYRAUSTA NUBILALIS - CHRYSANTHEMUMS**
i Scott & Scott, Chrysanthemums for Pleasure:13-15, 1947.
- PYRAUSTA NUBILALIS - CONNECTICUT**
Slate, Conn. R. f. 1944/45:14-15.
Slate, Conn. B. 484:62, 1945.
Turner, Conn. B. 488:350-356; 495:27-33, 1945.
i Turner, Conn. C. 164,8 p., 1947.
Turner, Conn. Veg. Grow. Assoc. P. 35:58, 1947.
Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 32:21, 1945; 33:83, 1946; 34:96, 1946.
- PYRAUSTA NUBILALIS - CONTROL - BASIC FACTORS**
bi Turner, Conn. B. 495,43 p., 1945.
- PYRAUSTA NUBILALIS - CONTROL, CULTURAL**
Deay, Ind. R. 58:50, 1945.
Duncan, Assoc. Can. Franc. Avanc. Sci. Ann. 13:110-111, 1947. (Abs.)
Duncan, Quebec Soc. Protect. Plants R. 30:82-89, 1947.
i Gorham, Can. Dept. Agr. Div. Ent. Processed Pub. 45:4,6, 1946.
i Hickey, Maine Ext. C. 239,6 p., 1947.
i Lilly et al., Wis. Ext. C. 358:2-11, 1945.
Pepper, Pa. Veg. Grow. News 15(3): 42, 1945.
i Allis-Chalmers Mfg. Co., Milwaukee. Battle Borer with Proper Tillage:1-9, 1945?
Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:11-13, 1947.
- PYRAUSTA NUBILALIS - CONTROL, MECHANICAL**
Jardine et al., USDA OES R. f. 1943/44:49, 1945.
McCall, Pa. Veg. Grow. News 15(3): 44, 1945.
Wileman & Deay, Ind. R. 58:16, 1945.
- PYRAUSTA NUBILALIS - DISEASES - EFFECT OF DDT**
Questel, J. Ec. Ent. 39:535, 1946.
- PYRAUSTA NUBILALIS - DISTRIBUTION**
Annand, USDA EPQ R. f. 1944/45:31, f. 1946/47:32.
Tate & Bare, Neb. R. 59:60, 1946.
- PYRAUSTA NUBILALIS - DUSTS**
Haring, J. Ec. Ent. 39:79, 1946.
Jardine et al., USDA OES R. f. 1944/45:53, 1946.
Pyenson, N. Y. Bot. Gard. J. 47:121, 1946.
i Quackenbush, Conn. Circle 8(6):66-67, 1945.
Questel, J. Ec. Ent. 38:52-56, 1945.
Wis. Agr. Expt. Sta., Some Insectic. in Wis. in 1947:4-5, 1947. (Sp. C.)
- PYRAUSTA NUBILALIS - DUSTS - DDT**
Bigger, Rocky Mountain Conf. Ent. R. 18:9, 1947.
i Lowe, Seed World 58(7):42, 1945.
- PYRAUSTA NUBILALIS - DUSTS - DDT & NICOTINE BENTONITE**
bi Turner & Saunders, J. Ec. Ent. 40:553-556, 1947.
- PYRAUSTA NUBILALIS - FUMIGANTS**
b Monro, Can. Ent. 77:193-196, 1945.
- PYRAUSTA NUBILALIS - ILLINOIS**
Apple, Ill. Veg. Grow. B. 5(1):7-10, 1945.
Petty, Ill. Veg. Grow. B. 6(1):5-8, 1946.
Selfert, Ill. Dept. Agr. R. 30:229-230, 1947.
- PYRAUSTA NUBILALIS - INDIANA**
Deay, Ind. R. 59:10, 1946.
Gould, Ind. R. 58:51-52, 1945; 59:11-12, 1946; 60:69, 1947.
- PYRAUSTA NUBILALIS - INFESTATION, MANUAL**
b Patch, J. Ec. Ent. 40:667-671, 1947.
- PYRAUSTA NUBILALIS - INSECTICIDES**
Anderson, USDA R. Sec. f. 1947:138-139

PYRAUSTA NUBILALIS - INSECTICIDES--Continued.

- Annard, USDA EPQ R. f. 1944/45 5, f. 1946/47.8-9,23.
 Baker, USDA YB f. 1943/47:651-654.
 Baker & Bradley, USDA EPQ E-718 rev., 4 p., 1947.
 Bayer, N. C. R. 68 59, 1945.
 1 Bigger et al., J. Ec. Ent. 40 401-407, 1947.
 1 Decker, Agr. Chem. 2(7) 20-24, '71, 1947.
 Decker et al., J. Ec. Ent. 40 395-400, 1947.
 Dicke, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:16, 1947.
 Haller, Agr. Chem. 2(9) 28,75, 1947.
 Krone et al., Mich. Ext. B. 4 rev. '66, 1945.
 Netswander, Veg. Grow. Assoc. Amer. R. 37.117-122, 1945.
 b Pepper & Carruth, J. Ec. Ent. 38 59-66, 1945.
 Questel, USDA EPQ E-671,7 p., 1945.
 Questel & Connin, J. Ec. Ent. 40 914-915, 1947.
 Questel & Gertler, USDA EPQ E-707, 25 p., 1946.
 Salter, USDA PISAE R. f. 1944/45 15-16
PYRAUSTA NUBILALIS - INSECTICIDES - DDT
 Annand, USDA EPQ R. f. 1944/45:12, f. 1945/46:5.
 Batchelder, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 22-25, 1947.
 Batchelder & Questel, USDA EPQ E-659,11 p., 1945.
 Bigger, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 21-22, 1947.
 George & Mitchell, J. Ec. Ent. 40.784, 1947.
 Packard, USDA EPQ E-640:4-5, 1945.
 Questel, J. Ec. Ent. 39 535, 1946.
 Salter, USDA PISAE R. f. 1946/47:69-70.
 1 Wright, Down to Earth 3(1) 2-4, 1947.
PYRAUSTA NUBILALIS - INSECTICIDES - DDT - RELATED COMPOUNDS
 Haller, Indus. & Engin. Chem. Indus. Ed. 39.468-469, 1947.
PYRAUSTA NUBILALIS - IOWA
 Buchanan et al., Iowa R. f. 1946/47 pt. 2 328.
 Drake, Iowa Dept. Agr. YB 45:84, 1945
 Drake, in Iowa St. Col. & Iowa Agr. Expt. Sta., Cent. of Farm. in Iowa 1846-1946:88, 1946.
 1 Drake et al., Farm Sci. Rptr. 6(1):11-13, 1945.
 1 Drake et al., Iowa Dept. Agr. YB 45:91-107, 1945, 47:116-129, 1947.
 1 Drake et al., Iowa R. f. 1944/45 pt. 2.64-66; f. 1945/46 pt. 2:54-55, f. 1946/47 pt. 2:352-353.
 Grove, Iowa B. P-85:824-825, 1947.
 Richardson, Iowa R. f. 1944/45 pt. 2: 69, f. 1945/46 pt. 1:235.
PYRAUSTA NUBILALIS - KANSAS
 Dean et al., Kans. Ent. Soc. J. 18:96-97, 1945.

PYRAUSTA NUBILALIS - KANSAS--Continued.

- Smith et al., Kans. Ent. Soc. J. 19.47, 1946, 20:51,58, 1947.
 1 Wilbur, Kans. St. Bd. Agr. R. 64 (266).107-110, 1945.
PYRAUSTA NUBILALIS - KENTUCKY
 Cooper, Ky. R. 57.17-19, 1945. 58. 29-30, 1946, 59.29, 1947.
 Jardine et al., USDA OES R. f. 1944/45 51, 1946.
 Josephson, South. Corn Impr. Conf. 4 10, 1945.
 Price, Ky. Ext. C. 435.6, 1947.
 b Ritcher, Ky. B. 502,23 p., 1947.
PYRAUSTA NUBILALIS - LARVAE - DISTRIBUTION IN PLANT
 Drake & Harris, Iowa R. f. 1945/46 pt. 2 55-56.
 Turner, Conn. B. 495 8-21, 1945.
PYRAUSTA NUBILALIS - LARVAE - STARVATION
 Tauber & Bruce, Iowa St. Col. J. Sci. 20 53-55, 1945.
PYRAUSTA NUBILALIS - LARVAE & SOIL FERTILITY
 Patch, J. Ec. Ent. 40:669-671, 1947.
PYRAUSTA NUBILALIS - LOSSES CAUSED BY
 Annand, USDA EPQ R. f. 1943/44.12, f. 1944/45 31, f. 1946/47 32.
 Beck, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 5),3 p.
 Drake et al., Iowa Dept. Agr. YB 47 119, 1947.
 Ritcher, Ky. B. 502 6-8,21, 1947.
 Vance, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 2),2 p., (1946, No. 4),2 p.
PYRAUSTA NUBILALIS - MAINE
 Hawkins, Maine B. 438 662-664, 1945. 442 228-229, 1946. 449:384-385, 398, 1947.
 Newdick, Maine Dept. Agr. Bien. R. f. 1944/46:59-61.
 Trafton, Maine Dept. Agr. Bien. R. f. 1944/46 66-67.
PYRAUSTA NUBILALIS - MARYLAND
 Cory, Md. Agr. Soc. R. 30.146-148, 1946.
PYRAUSTA NUBILALIS - MASSACHUSETTS
 Bourne, Mass. B. 428:36, 1945. 436 38, 1946, 441:35, 1947.
PYRAUSTA NUBILALIS - MINNESOTA
 1 Aamodt, Grain & Feed J Consol. 94: 217, 1945.
 1 Aamodt, Minn. Farm & Home Sci. 2(2).1,14-15, 1945.
PYRAUSTA NUBILALIS - NEBRASKA
 1 Muma, Neb. Ext. C. 1537 19-20, 1946.
 Muma & Sooter, Neb. R. 60:54, 1947.
 Tate, Neb. St. Bd. Agr. R. f. 1945:195.
 1 Tate & Bare, Neb. Ext. C. 1531,3 p., 1945.
PYRAUSTA NUBILALIS - NEW HAMPSHIRE
 Conklin, N. H. B. 367:33, 1946.
 Richards & Conklin, N. H. B. 372:42, 1947.

- PYRAUSTA NUBILALIS - NEW JERSEY**
 Martin, N. J. R. 66:34, 1946.
 Pepper, N. J. St. Hort. Soc. Hort. News, 27:1843, 1946.
 Weiss, N. J. Dept. Agr. R. 30:178-179, 1945; 32:150-151, 1947.
- PYRAUSTA NUBILALIS - NEW YORK**
 Buchholz, N. Y. Dept. Agr. & Mkts. R. f. 1944:115, 1945; f. 1945:130-131, 1947, f. 1946/47:147.
 Carruth, N. Y. (G.) Farm Res. 11(1): 20, 1945.
 Carruth & McKelvey, N. Y. (G.) R. 64 36, 1946, 65:20-21, 1947.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:75-78, 1947.
 Pratt et al., N. Y. (C.) Ext. B. 696 rev.:62, 1947.
 Rockwell, Home Gard. (N. Y.) 7(5) 71, 1946.
- PYRAUSTA NUBILALIS - OHIO**
 Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30:35-45, 1945, 31:117-122, 1946.
 Neiswander, Ohio B. 659:66-67, 1945, 673:45-47, 1947.
- PYRAUSTA NUBILALIS - OUTLOOK**
 Gunderson, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:35-36, 1947.
- PYRAUSTA NUBILALIS - PARASITES**
 Annand, USDA EPQ R. f. 1943/44:10, 12, f. 1944/45:24-25; f. 1945/46:23, f. 1946/47 25.
 Carruth, N. Y. (G.) Farm Res. 11(4). 5-6, 1945.
 Clark & Hoveland, Wis. B. 472:38, 1947.
 Clark & Jones, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 4), 2 p., (1946, No. 2), 10 p.
 Cooper, Ky. R. 57:19, 1945, 58:30, 1946; 59:28, 1947.
 Deay, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:80, 1946.
 Deay, Ind. R. 59:11, 1946; 60:68, 1947.
 Deay & Vance, Ind. R. 58:50, 1945.
 Drake, Iowa Dept. Agr. YB 46:168-176, 1946.
 Drake et al., Iowa Dept. Agr. YB 45: 99-107, 1945; 47:120-129, 1947.
 Drake et al., Iowa R. f. 1944/45 pt. 2: 68.
 Gardiner, Can. Min. Agr. R. f. 1944/45:66, f. 1945/46:80; f. 1946/47:97.
 Jardine et al., USDA OES R. f. 1944/45:55, 1946.
 MacCreary, Del. B. 263:26, 1947.
 Rice & Wolfenbarger, Del. B. 259:21, 1945.
 Ritcher, Ky. B. 502:19, 20, 22, 1947.
 Simmonds, Can. Ent. 79:227-232, 1947.
 Weiss, N. J. Dept. Agr. R. 30:193-196, 1945, 31:152-153, 1946; 32:161, 1947.
 Wishart, Can. Ent. 77:157-167, 1945.
- PYRAUSTA NUBILALIS - PARASITES - LIBERATION**
 Arbuthnot et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 6), 4 p.
 Clark & Jones, USDA EPQ Ins. Pest. Surv. Sp. Sup. (1946, No. 3), 4 p., 1946.
- PYRAUSTA NUBILALIS - PARASITES - STATUS**
 Arbuthnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:30-33, 1947.
 Clark, USDA EPQ Ins. Pest Surv. Sp. Sup. (1945, No. 1), 5 p., (1945, No. 3), 4 p.
 Jones et al., USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 3), 6 p.
- PYRAUSTA NUBILALIS - PHOTOGRAPHY**
 Brownell, Amer. Photog. 39(8):43, 1945.
- PYRAUSTA NUBILALIS - PLANTING DATE**
 Apple, Ill. Veg. Grow. B. 5(1):8-10, 1945.
 Cooper, Ky. R. 57 18, 1945, 59:28-29, 1947.
 Deay, Ind. Acad. Sci. P. 56:146, 1947? (Abs.)
 Deay & Miles, Ind. R. 58:50-51, 1945, 60:68, 1947.
 Drake et al., Iowa Dept. Agr. YB 45 98-99, 1945.
 Drake et al., Iowa R. f. 1944 45 pt 2 65-66.
 Maltais, Quebec Soc. Protect. Plants R. 30:66-67, 1947.
 Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30:37-42, 1945.
 Neiswander, Ohio B. 665 18-20, 1946
 Ritcher, Ky. B. 502:13-14, 1947.
- PYRAUSTA NUBILALIS - POPULATIONS**
 Deay, Ind. R. 58:51, 1945, 60:68, 1947.
 Drake, Iowa R. f. 1944/45 pt. 2 68-69.
 Vance, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 33-35, 1947.
- PYRAUSTA NUBILALIS - QUARANTINE**
 Gates, Neb. Dept. Agr. & Insp. Bien. R. 1940/44:78-79, 1945.
 Hoyt, USDA EPQ SRA 165 77-78, 1946.
 Messenger, Cal. Dept. Agr. B. 34:204, 1946.
 Schweis, Cal. Dept. Agr. Sp. Pub. 209, 9, 1945.
- PYRAUSTA NUBILALIS - REARING**
 Vance & Painter, USDA EPQ ET-227:3 p., 1946.
- PYRAUSTA NUBILALIS - REMOVAL FROM SHELL CORN**
 Kemp, Md. R. 59:20, 1946.
- PYRAUSTA NUBILALIS - RESISTANT CORN**
 Anderson, USDA R. Sec. f. 1946:145.
 Annand, USDA EPQ R. f. 1943/44:9-10; f. 1944/45:26, 1946; f. 1945/46 25; f. 1946/47:27.
 Clark & Hoveland, Wis. B. 472:38-40, 1947.
 Cooper, Ky. R. 57:18, 1945, 58:29-30, 1946.
 Deay, Ind. R. 58:50, 1945.
 Lilly et al., Wis. Ext. C. 358:12, 1945.
 Packard et al., USDA YB f. 1943/47: 649.
 Painter et al., Kans. Bien. R. 13:67, 1946.
 Richey et al., South. Corn Impr. Conf. 4:36, 1945.
 Rothger, Md. Agr. Soc. R. 30:148-151, 1946.

- PYRAUSTA NUBILALIS - RESISTANT CORN**--Continued.
 Sprague et al., Iowa R. f. 1944/45 pt. 2 48-49.
 Widadkas, N. Dak. Bimo. B. 7(4).29-31, 1945.
 Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 33.84, 1946?
- PYRAUSTA NUBILALIS - RESISTANT CORN - DENT**
 Everly, Ind. Acad. Sci. P. 56 145, 1947? (Abs.)
 Houser, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 82-83, 1946.
 b Patch, J. Ec. Ent. 40 667-671, 1947.
 Patch & Everly, USDA TB 893 10 p., 1945
- PYRAUSTA NUBILALIS - RHODE ISLAND**
 Eddy, R. I. Dept. Agr. & Conserv. R. 10 42, 1945.
 Leaver, R. I. Dept. Agr. & Conserv. R. 11 34, 1946.
- PYRAUSTA NUBILALIS - SEASONAL HISTORY**
 McKelvey, Cornell Univ. Abs. Theses f. 1945 139-141, 1946.
 b Neiswander, J. Ec. Ent. 40 407-412, 1947.
- PYRAUSTA NUBILALIS - SPRAYS**
 Gertler, USDA EPQ E-705 5-6, E-732 1-3, 1947.
 i Gould, Food Packer 27(6) 68-70, 1946.
 Questel, J. Ec. Ent. 38 52-56, 1945.
- PYRAUSTA NUBILALIS - SURVEYS**
 Bailey, Vt. Commr. Agr. Rien. R. 23 77-79, 1946.
 i Beck, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947), No. 4), 13 p.
 Cooper, Ky. R. 57 19, 1945, 59.28, 1947.
 Drake et al., Iowa Dept. Agr. YB 47 116-119, 1947.
 French, Va. Dept. Agr. & Immigr. B. 463:9, 1947.
 i Vance, USDA EPQ Ins. Pest Surv. Sp. Sup., Jan. 20, 1945, 14 p., (1946, No. 1), 15 p.
 Wallace, Ind. YB 28:931-933, 1945?
 Yapp, Kans. Ent. Comm. Bien. R. 20 6, 1946.
- PYRAUSTA NUBILALIS - SWEET CORN**
 Apple, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.28-29, 1947.
 i Sweet, Ohio Veg. & Potato Grow. Assoc. P. 32:90-92, 1947.
- PYRAUSTA NUBILALIS - TRAPS**
 Salter, USDA PISAE R. f. 1946/47:76.
- PYRAUSTA NUBILALIS - VIRGINIA**
 French, Va. Dept. Agr. B. 443:11, 1945.
 French, Va. Dept. Agr. & Immigr. R. f. 1944/45:57-58; f. 1945/46:48, 54.
 Phillips, Gard. Gossip 20(6):13, 1945.
- PYRAUSTA NUBILALIS - WISCONSIN**
 Chambers, Wis. Dept. Agr. B. 274:81-83, 1946.
 Clark & Hoveland, Wis. B. 466:49-50, 1945; 472:36-38, 1947.
 i Lilly et al., Wis. Ext. C. 358, 16 p., 1945.
- PYRAUSTA NUBILALIS & EAR SMUT OF SWEET CORN**
 Martin, N. J. R. 67 39-40, 1947?
- PYRAUSTA NUBILALIS & GROWTH OF CORN**
 i Batchelder, USDA EPQ ET-232, 5 p., 1946.
 McKelvey, Cornell Univ. Abs. Theses f. 1945 139-141, 1946.
 Turner, Conn. B. 495:33-41, 1946.
- PYRAUSTA NUBILALIS & WEATHER**
 Deay, Ind. R. 59 10, 1946.
 Duncan, Assoc. Can. Franç. Avanc. Sci. Ann. 13 110, 1947. (Abs.)
 Duncan, Quebec Soc. Protect. Plants R. 30:90, 1947.
 Lapointe, Assoc. Can.-Franç. Avanc. Sci. Ann. 13 95-96, 1947? (Abs.)
 Vance, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 34, 1947.
- PYRAUSTA PENITALIS (Grote) (LOTUS BORER)**
 Wilson, Mosq. News 5 50, 1945.
- PYRAUSTOMYIA PENITALIS (Coq.)**
 Arbutnot, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 30-31, 1947.
 Deay, Ind. R. 60:68, 1947.
 Drake, Iowa Dept. Agr. YB 46 176, 1946.
 Drake et al., Iowa Dept. Agr. YB 47 127, 129, 1947.
- *PYRIFORM SCALE, see PROTOPULVINARIA PYRIFORMIS (Ckll.)**
- PYRODERCES RILEYI (Wlsm.) (PINK CORNWORM)**
 Boyce & Ortega, Cal. Citrog. 32 318-319, 1947.
 Boyce & Ortega, Cit. Leaves 27(4) 6-7, 1947.
 Dunavan, S. C. R. 58 58, 1946.
 McClanahan, Fla. St. Plant Bd. Bien. R. 16 29, 1946.
 Stuckey, Ga. R. 58:82, 1946.
 Swezey, Hawaiian Ent. Soc. P. 13:11, 1947.
- PYRODERCES STIGMATOPHORA (Wlsm.)**
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1).4.
- PYROPHORUS Ill.**
 Plank, Asoc. Tec. Azuc. Cuba. B. Ofic. 4:355, 1945.
- PYROPHORUS HAVANENSIS (Cast.)**
 i Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 532, 534-535, 1946.
- PYROPHORUS LUMINOSUS (Ill.)**
 i Martorell, P. R. Univ. J. Agr. 29. 433-435, 442-443, 1945.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 532, 534, 1946.
- PYROPHORUS NOCTILUCUS (L.)**
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:546, 1946.
- PYRRHIA UMBRA (Hbn.)**
 Arnason, Can. Ins. Pest Rev. 25.107, 1947.

- PYRRHIA UMBRA**--Continued.
 Arnason et al., Can. Ins. Pest Rev. 24:89, 1946.
- PYRRHOPYGINAE**
 Bell, N. Y. Ent. Soc. J. 54:199-201, 1946.
- Q FEVER**, *see under* genera **BOOPHILUS**; **DERMACENTOR**; **HAE-MAPHYSALIS**; **IXODES**; **LIPONISSUS**; *and* **INSECTS & DISEASE - Q FEVER**
- QUADRASPIDIOTUS** Bouché, *see* **ASPIDIOTUS** MacG.
- QUAILS - INSECT FOOD**, *see* **BIRDS & INSECTS - GROUSE & QUAILS**
- QUARANTINE**
 Annand, New Internatl. YB f. 1944: 294, 1945.
 Annand, USDA EPQ R. f. 1943/44:30-33,47-50; f. 1944/45:51-58; f. 1945/46:80-62; f. 1946/47:57-65.
 Essig, J. Ec. Ent. 38:7, 1945.
 Meehan, Amer. Nurserym. 82(2):20, 22, 1945.
 Young, Sum. of Actual & Potential Damage Caused by White-Fringed Beetles..., 5 p., 1946.
 USDA EPQ SRA 161:75-116; 162:1-18; 163:19-38; 164:39-50, 1945; 165:51-90, 1946; 166:1-118, 167:1-19, 1947.
- QUARANTINE - AIRCRAFT**
 Cooley, J. Ec. Ent. 40:131-132, 1947.
 Herms, Cal. Mosq. Control Assoc. P. 14:99-103; Pests 14(9):24,26, 1946.
- QUARANTINE - AIRCRAFT, MILITARY**
 USDA EPQ SRA 166:46-48, 1947.
- QUARANTINE - ARIZONA**
 Lauderdale, Cal. Dept. Agr. Sp. Pub. 209:17-19,72-80, 1945.
 Lauderdale, Ariz. St. Ent. R. f. 1944: 11-13, 1945; f. 1945/46:9-11.
 Parker, Ariz. St. Ent. R. f. 1946/47: 31.
- QUARANTINE - BRITISH COLUMBIA**
 Olds, Cal. Dept. Agr. Sp. Pub. 209:19-20,80-81, 1945.
- QUARANTINE - CALIFORNIA**
 Howard & Brooks, Cal. Ext. C. 117 rev.:26-27, 1947.
 Hunt, Cal. Dept. Agr. B. 33:264-275, 1945.
 Hunt, Cal. Dept. Agr. Sp. Pub. 209:20-22,81-83, 1945.
 Kinsley, Pest Control & Sanit. 1(12): 15, 1946.
 Messenger, Cal. Dept. Agr. B. 34:202-206, 1946; 35:217-222, 1947.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:3-4; f. 1945/46:2,8-9; f. 1946/47:2-3.
 USDA EPQ SRA 166:99-103, 1947.
- QUARANTINE - CANADA**
 Pomerleau, Quebec Min. Terres & For. R. Gén. Trav. Effectués sur la Mal. Hollandaise de l'Orme dans Prov. Quebec 1945:16-17.
- QUARANTINE - COLORADO**
 Gates, Cal. Dept. Agr. Sp. Pub. 209: 22,83-85, 1945.
- QUARANTINE - COLORADO**--Continued.
 Gates, West. Colo. Hort. Soc. Trans. f. 1945:53-55, 1946.
- QUARANTINE - CONNECTICUT**
 Zappe & DeVaux, Conn. B. 488:311-313, 1945; 501:20-22; 512:20-22, 1946.
- QUARANTINE - COOPERATION, STATE & INTERNATIONAL**
 Drake, Amer. Nurserym. 83(9):13-14, 45-46, 1946.
- QUARANTINE - CURRENT LIST**
 USDA EPQ SRA 165:81-88, 1946; 166: 103-110, 1947.
- QUARANTINE - EXPORT**
 Hill, USDA EPQ SRA 163:27-29, 1945.
- QUARANTINE - FLORIDA**
 Brown, Fla. St. Plant Bd. Bien. R. 16: 14-21, 1946.
 Guernsey et al., Fla. St. Plant Bd. Bien. R. 16,40 p., 1946.
- QUARANTINE - FOREIGN**
 Annand, USDA EPQ R. f. 1944/45:58-63; f. 1945/46:57-62, f. 1946/47: 66-71.
 Annand, J. Ec. Ent. 40:462-463, 1947.
 Creighton, Natl. Shade Tree Conf. P. 21:114-122, 1945.
 Meehan, Amer. Nurserym. 82(2):22, 1945.
 Sasser, Ent. Soc. Wash. P. 49:255-256, 1947. (Abs.)
 Wyckoff et al., USDA FS Reappraisal R. 5:8-9, 1947.
- QUARANTINE - GEORGIA**
 Alden, Ga. Dept. Ext. B. 87:12-13, 1945; 89:14, 1946; 88:13-20, 1946, 90:13, 1947.
- QUARANTINE - GRAPHOGNATHUS**
 Hoyt, USDA EPQ SRA 165:66-75, 1946.
- QUARANTINE - HAWAII**
 Fullaway, Cal. Dept. Agr. Sp. Pub. 209:23, 1945.
 Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1943/44:51-53, 1945; f. 1944/46:34-36,43.
 Pemberton, Hawaiian Planters' Rec. 50:105-109, 1946.
 Pemberton, Hawaiian Sugar Planter's Assoc. P. 66, Expt. Sta. R. f. 1945/46:24-25, 1947.
- QUARANTINE - HAWAII - FEDERAL REGULATIONS**
 Faxon, Hawaiian Ent. Soc. P. 12:291-300, 1945.
- QUARANTINE - IDAHO**
 Andrasen, Cal. Dept. Agr. Sp. Pub. 209:23-24,85-86, 1945.
 Kellogg, Ida. Dept. Agr. Bien. R. 14: 16-17, 1947?
- QUARANTINE - ILLINOIS**
 Ill. Dept. Agr., The Ins. Pest & Plant Dis. Act, 11 p., 1946.
- QUARANTINE - IMPORTS - ANTIQUA**
 Annand, USDA EPQ SRA 162:14-15, 1945.
- QUARANTINE - IMPORTS - AUSTRALIA**
 Hoyt, USDA EPQ SRA 164:41-42, 1945.

- QUARANTINE - IMPORTS - BOLIVIA
Hoyt, USDA EPQ SRA 166:50-54, 1947.
- QUARANTINE - IMPORTS - BRAZIL
Annand, USDA EPQ SRA 163:30, 1945.
Hoyt, USDA EPQ SRA 165:77-78, 1946.
- QUARANTINE - IMPORTS - BRITISH HONDURAS
Hoyt, USDA EPQ SRA 166:49-50, 1947.
- QUARANTINE - IMPORTS - COTTON
Wickard, USDA EPQ SRA 162:12-13, 1945.
- QUARANTINE - IMPORTS - CUBA
Hoyt, USDA EPQ SRA 166:54-55, 1947.
- QUARANTINE - IMPORTS - DOMINICAN REPUBLIC
Annand, USDA EPQ SRA 164:42, 1945, 165:78-81, 1946.
Hoyt, USDA EPQ SRA 166:70, 1947.
- QUARANTINE - IMPORTS - EGYPT
Annand, USDA EPQ SRA 166:58-65, 1947.
- QUARANTINE - IMPORTS - GREAT BRITAIN
Hoyt, USDA EPQ SRA 166:70-71, 1947.
- QUARANTINE - IMPORTS - IRELAND
Annand, USDA EPQ SRA 167:15-18, 1947.
- QUARANTINE - IMPORTS - JAMAICA
Annand, USDA EPQ SRA 166:55-57, 1947.
- QUARANTINE - IMPORTS - KENYA
Annand, USDA EPQ SRA 163:31, 1945.
- QUARANTINE - IMPORTS - MEXICO
Annand, USDA EPQ SRA 166:70, 1947.
- QUARANTINE - IMPORTS - MOROCCO (FRENCH ZONE)
Hoyt, USDA EPQ SRA 166:90-98, 1947.
- QUARANTINE - IMPORTS - MOZAMBIQUE
Annand, USDA EPQ SRA 166:65-69, 1947.
- QUARANTINE - IMPORTS - NEW-FOUNDLAND
Hoyt, USDA EPQ SRA 166:71, 1947.
- QUARANTINE - IMPORTS - NORTHERN IRELAND
Annand, USDA EPQ SRA 164:43, 1945.
- QUARANTINE - IMPORTS - NYASALAND PROTECTORATE
Hoyt, USDA EPQ SRA 166:80-83, 1947.
- QUARANTINE - IMPORTS - PARAGUAY
Annand, USDA EPQ SRA 163:32, 1945.
- QUARANTINE - IMPORTS - PERU
Annand, USDA EPQ SRA 161:103, 1945.
Hoyt, USDA EPQ SRA 166:83-88, 1947.
- QUARANTINE - IMPORTS - SOUTH AFRICA
Annand, USDA EPQ SRA 165:76-77, 1946.
Hoyt, USDA EPQ SRA 166:71, 1947.
- QUARANTINE - IMPORTS - SOUTHERN RHODESIA
Annand, USDA EPQ SRA 161:101-102, 1945.
- QUARANTINE - IMPORTS - U. S. S. R.
Hoyt, USDA EPQ SRA 166:72-80, 1947.
- QUARANTINE - IMPORTS - URUGUAY
Hoyt, USDA EPQ SRA 166:89-90, 1947.
- QUARANTINE - IMPORTS - VENEZUELA
Hoyt, USDA EPQ SRA 166:88-89, 1947.
- QUARANTINE - INTERCEPTIONS
Annand, USDA EPQ R. f. 1943/44:54-55; f. 1944/45:62-63; f. 1945/46:60, 62, f. 1946/47:70-71.
Brown, South. Flor. 59(39) 33-34, 1946.
Mendenhall, Ariz. St. Ent. R. f. 1946/47:10-11.
Messenger, Cal. Dept. Agr. B. 35: 226-227, 1947.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46:9, f. 1946/47: 2-3.
Swezey, Hawaiian Ent. Soc. P. 12.343, 355-359, 1945.
USDA EPQ SRA List of Intercepted Plant Pests f. 1943/44, 37 p., 1945; f. 1944/45, 47 p., 1946.
- QUARANTINE - INTERCEPTIONS - MEXICAN BORDER
Osborn & Phillips, J. Ec. Ent. 39:756, 1946.
- QUARANTINE - INTERNATIONAL
b Cooley, J. Ec. Ent. 40 131-132, 1947.
Magath & Knies, Mil. Surg. 96 209-222, 1945.
- QUARANTINE - INTERSTATE REGULATIONS
Div. Dom. Plant Quar., USDA EPQ T-70 rev., 174 p., 1947.
- QUARANTINE - IOWA
Drake, Iowa Dept. Agr. YB 45:82, 1945.
- QUARANTINE - LEGISLATION
Brown, Fla. St. Hort. Soc. P. 59.42-45, 1946.
U. S. Cong. (80th Sess. 1) House Com. Agr. Amend Plant Quar. Act, Hearings on S. 338, H. R. 2773 & 2950, June 5 & 6, 103 p., 1947.
- QUARANTINE - LIVESTOCK
Simms, USDA BAI R. f. 1945/46 56-57.
- QUARANTINE - MEXICAN BORDER
Annand, Cal. Dept. Agr. Sp. Pub. 209. 34, 1945.
- QUARANTINE - MEXICAN FRUIT
Annand, USDA EPQ SRA 164:39-40, 1945.
Griffith, USDA EPQ SRA 165:58, 1946.
- QUARANTINE - MILITARY ZONES
Marshall et al., USDA EPQ SRA 161: 103-115, 1945.
- QUARANTINE - MISSOURI
Denning, Mo. St. Dept. Agr. B. 43(12) 2 p., 1945.
- QUARANTINE - MONTANA
Knight, Cal. Dept. Agr. Sp. Pub. 209: 87, 1945.
- QUARANTINE - NEBRASKA
Gates, Neb. Dept. Agr. & Insp. Bien. R. 1940-1944:80-82, 1945.
- QUARANTINE - NEVADA
Schwels, Cal. Dept. Agr. Sp. Pub. 209: 24, 87, 1945.
Schwels, Nev. St. Dept. Agr. Bien. R. f. 1944/46:17-18.
- QUARANTINE - NURSERY STOCK
Annand, USDA EPQ R. f. 1945/46:51.
Darrow et al., USDA FB 1398 rev.: 35-36, 1946.

- QUARANTINE - NURSERY STOCK--Continued.
Meehan, Amer. Nurserym. 84(3):18, 48, 1946.
Meehan et al., Amer. Assoc. Nurserym. P. 71:83-87, 1946.
Steinmetz, Cal. Dept. Agr. Sp. Pub. 209:35-36, 1945.
Zappe, Conn. C. 163:41 p., 1946.
- QUARANTINE - NURSERY STOCK - NORTH AMERICA
Freight Tariff no. 362-B:149-285, 1945.
- QUARANTINE - OKRA SEED
Anderson, USDA EPQ SRA 165:65-66, 1946.
- QUARANTINE - OREGON
Davis, Oreg. Dept. Agr. Bien. R. f. 1944/46:42.
McKennon, Cal. Dept. Agr. Sp. Pub. 209:24-25, 87-88, 1945.
USDA EPQ SRA 163:32-35, 1945.
- QUARANTINE - OUTLOOK
Griggs et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:10-11, 1945.
- QUARANTINE - POTATOES
Annand, USDA EPQ R. f. 1945/46:38-39.
- QUARANTINE - PROBLEMS
McKennon, Amer. Nurserym. 84(12):32-33, 1946.
- QUARANTINE - PROCEDURES
McIntire, U. S. Navy NavMed 117 rev.:405-414, 1945.
- QUARANTINE - PUERTO RICO
Lawler, USDA EPQ SRA 166:21-22, 1947.
- QUARANTINE - RHODE ISLAND
Knutson, R. I. Dept. Agr. & Conserv. R. 12:52-53, 1947.
- QUARANTINE - U. S.
Annand, Cal. Dept. Agr. Sp. Pub. 209:32-34, 1945.
Brown, Cit. Indus. 27(7):3, 7, 11, 1946.
Thompson, USDA Misc. Pub. 80 rev., 116 p., 1946.
- QUARANTINE - UTAH
Hutchings, Cal. Dept. Agr. Sp. Pub. 209:25-26, 88-90, 1945.
- QUARANTINE - VERMONT
Judd, Vt. Comnr. Agr. Bien. R. 23:83, 1946.
- QUARANTINE - VIOLATIONS
USDA EPQ SRA 161:116; 162:17; 163:35-37; 164:48-49, 1945; 165:88-89, 1946; 166:110-117; 167:18-19, 1947.
- QUARANTINE - VIRGINIA
French, Va. Dept. Agr. B. 447:9, 1946.
- QUARANTINE - WASHINGTON
DeSelle, Cal. Dept. Agr. Sp. Pub. 209:26, 90-91, 1945.
Perham et al., St. Hort. Assoc. P. 42:295-296, 1946.
USDA EPQ SRA 162:16-17, 1945.
- QUARANTINE - WEST VIRGINIA
McLaughlin, W. Va. Dept. Agr. B. n. s. 48, 19 p., 1945.
- QUARANTINE - WESTERN STATES
Armitage et al., Cal. Dept. Agr. Sp. Pub. 209, 126 p., 1945.
- QUARANTINE - WISCONSIN
Chambers, Wis. Dept. Agr. B. 274:77-78, 1946.
- QUARANTINE - WYOMING
Harston, Cal. Dept. Agr. Sp. Pub. 209:91-92, 1945.
- QUARANTINE & WAR
Annand, USDA EPQ R. f. 1943/44 51-55.
- QUAYLEA WHITTIERI (Gr.) - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8 113-114, 1947.
- QUICHUANA Knab
nik Hull, Amer. Mus. Nov. 1317, 17 p., 1946.
- QUICK DECLINE OF ORANGE, see INSECTS & PLANT DISEASE - QUICK DECLINE OF ORANGE
- *QUINCE CURCULIO, see CONOTRACHELUS CRATAEGI Walsh
- QUINCE INSECTS
Dewey, N. Y. St. Hort. Soc. P. 90 44-45, 1945, 91:89, 1946, 92:62, 1947.
Garman, Conn. Pom. Soc. P. 55:22, 24, 1946.
Mills & Dewey, N. Y. (C.) Ext. B. 711 75-78, 1947.
b Wheeler, J. Ec. Ent. 38 281-282, 1945.
- QUINCE INSECTS - SPRAYS - DDT
Hutson, Mich. St. Hort. Soc. R. 75. 127-128, 1946.
- *QUINCE TREEHOPPER, see GLOSSONOTUS CRATAEGI (Fitch)
- *RABBIT LOUSE, see HAEMODIPSUS VENTRICOSUS (Denny)
- *RABBIT TICK, see HAEMAPHYSALIS LEPORIS-PALUSTRIS Pack
- RABBITBRUSH INSECTS
Knowlton, Bklyn. Ent. Soc. B. 40:43, 1945.
n Knowlton, Ent. News 58:47-48, 1947.
- RABBITS - PESTS
i Meek, Rabbit Raising for Profit:216-217, 225-227, 1947.
Moore & Moore, J. Mammal. 28:283, 1947.
Norris, Internat. Com. Rabbit J. 3 (20):43-44, 1945, Small Stock Mag. 29(8):7, 1945.
Zimmern, Internat. Com. Rabbit J. 3(26):27-30, 1945.
- RACCOONS - INSECT FOOD, see INSECTS AS FOOD OF RACCOONS
- RADIOACTIVE TAGGING
Tomes & Brian, Sci. News Let. 50:344, 1946.
- RADIOACTIVE TAGGING - PHOSPHORUS
Carter, Hawaiian Acad. Sci. P. 17/18:22, 1945. (Abs.)
- RADIOACTIVE TAGGING - RADIO-IODINE
i Wheeler, Natl. Acad. Sci. P. 33:298-302, 1947.
- RADISH INSECTS
Gardner, Mich. R. 59 in Mich. St. Bd. Agr. R. 85:267-268, 1947.

- RADISH INSECTS --Continued.
 1 Parks & King, Ohio Ext. B. 76 rev. 37, 1947.
- *RAGWEED BORER, *see* EPIBLEMA STRENUANA (Wlkr.)
- *RAGWEED PLANT BUG, *see* CHLAMYDATUS ASSOCIATUS (Uhl.)
- RAILROAD WORMS, *see* RHAGOLETIS POMONELLA (Walsh), PHENOGODES Ill.; PHRIXOTHRIX Oliv.
- RAINFALL & INSECTICIDES, *see* WEATHER & INSECTICIDES - RAINFALL
- RAINFALL & INSECTS
 Annand, USDA EPQ R. f. 1943/44 17.
 b Brody & Rogers, J. Ec. Ent. 38 88, 1945.
 Daggy, Ent. Soc. Amer. Ann. 38:2-3, 1945.
 Downs & Pittendrigh, Amer. J. Trop. Med. 26:56-57, 1946.
 1 Fife et al., J. Ec. Ent. 40 541-542, 1947.
 Geijskes, Mosq. News 6:116-118, 1946.
 Gilbertson, Amer. J. Pub. Health 35 269-270, 1945.
 Hockett, N. Y. (G.) B. 713 6, 1945.
 Johnson, U. S. Pub. Health Rpts. 62-1087, 1090, 1947.
 b Lathrop & Dirks, J. Ec. Ent. 38 332 334, 1945.
 Mulhern, N. J. Mosq. Exterm. Assoc. P. 32 143-144, 1945.
 Questel, J. Ec. Ent. 38 54, 1945.
 Reeher, USDA C. 732 6-7, 1945.
 Rice, Amer. Midl. Nat. 35:157-167, 1946.
 Weathersbee, Natl. Malar. Soc. J. 5 264, 272-274, 1946.
- RAISIN BEETLE, *see* CRYPTOPHAGUS INSCITUS Casey
- *RAISIN MOTH, *see* EPHESTIA FIGULIELLA Greg.
- RAMIE LEAF ROLLER (FLORIDA), *see* PILOCROCIS RAMENTALIS (Lcd.)
- RAMOSIA BIRIONIPPENNIS (Bdvl.) (STRAWBERRY CROWN MOTH)*
 Armitage et al., Cal. Dept. Agr. B. 35, 204, 1947.
 Butterfield, Cal. Ext. C. 80 rev. 47, 1947.
 Downes et al., Can. Ins. Pest Rev. 25, 100, 1947.
 Keifer, Cal. Dept. Agr. B. 35:209, 1947.
 Webster, Wash. Ext. B. 246 rev.:21-22, 1946.
- RAMOSIA RHODODENDRI (Beut.) (RHODODENDRON BORER)*
 i Boyd, N. J. Dept. Agr. C. 355:135-136, 1945.
- RAMOSIA TIPULIFORMIS (Clerck) (CURRANT BORER)*
 Bird & Mitchener, Can. Ins. Pest Rev. 24:71, 1946.
 Butterfield, Cal. Ext. C. 80 rev.:44, 1947.
 Cannon, Can. Ins. Pest Rev. 25:93, 1947.
 Quaintance & Porter, USDA FB 1398 rev.:16, 1946.
- RAMPHOCORIXA ACUMINATA (Uhl.)
 bi Griffith, Kans. Univ. Sci. B. 30 pt. 2:241-366, 1945.
- RANATRA FUSCA Beauv. - PREY - PRECIPITIN TEST
 Brooke & Proske, Natl. Malar. Soc. J. 5:49-55, 1946.
- RANATRA QUADRIDENTATA Stal - UTAH
 Tanner, Great Basin Nat. 7:29, 1946.
- RAPHIDOPALPA CHINENSIS Weise - DUSTS
 Cheng, J. Ec. Ent. 38 491-492, 1945.
- *RAPID PLANT BUG, *see* ADELPHOCORIS RAPIDUS (Say)
- *RASPBERRY CANE BORER, *see* OBEREA BIMACULATA (Oliv.)
- *RASPBERRY CANE MAGGOT, *see* PEGOMYA RUBIVORA (Coq.)
- RASPBERRY CROWN BORER, *see* BEMBECEIA MARGINATA (Harr.)
- RASPBERRY FRUITWORMS, *see* BYTURUS sp., B. BAKERI Barber, B. RUBI Barber. B. UNICOLOR Say
- RASPBERRY HORNTAIL, *see* HARTIGIA CRESSONI (Kby.)
- RASPBERRY INSECTS
 Breakey, J. Ec. Ent. 38:121-122, 1945.
 1 Cummings, Amer. Nurserym. 83(8) 9-10, 1946.
 Dewey, N. Y. St. Hort. Soc. P. 90 45, 1945, 91:89, 1946, 92:62, 1947.
 1 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:10-19, 1946.
 b Miner, Kans. Ent. Soc. J. 20 86-87, 1947.
 Neiswander, Ohio St. Hort. Soc. P. 78:157-158, 1945.
 Shaw, J. Ec. Ent. 39 425, 1946.
 1 Slate et al., N. Y. (G.) C. 153 rev. 49-61, 1945.
 1 Slate et al., N. Y. (C.) Ext. B. 719 51-64, 1947.
 1 Thompson, Ont. Dept. Agr. B. 355 rev.:28-33, 1947.
- *RASPBERRY ROOT BORER, *see* BEMBECEIA MARGINATA (Harr.)
- *RASPBERRY SAWFLY, *see* MONOPHADNOIDES GENICULATUS (Hartig)
- RASPBERRY ROOT GALL, *see* DIAS-TROPHUS RADICUM Bass.
- *RASPBERRY SAWFLY, *see* MONOPHADNOIDES GENICULATUS (Htg.)
- RATS - PESTS, *see* ECTOPARASITES - RODENTS
- RAYON INSECTS
 i Scheinert, Nature Mag. 39:149, 1946
- RECURVARIA sp.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:82, 1947.
 Leech, Can. Ins. Pest Rev. 25:74, 1947.
- RECURVARIA - PARASITES
 Daviault, Quebec Min. Lands & For. R. f. 1944/45:116-117, 1946.

RECURVARIA MILLERI Busck (LODGE-
POLE NEEDLE MINER)*

- Gardiner, Can. Min. Agr. R. f.
1946/47:94.
Hopping, B. C. Ent. Soc. P. 42:1-2,
1945.
Hopping, Can. Dept. Agr. Div. Ent.
Processed Pub. 59, 3 p., 1946.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:63, 1945; f.
1945:62, 1946; f. 1946:80, 1947.
Leech, Can. Ins. Pest Rev. 25:73,
1947.
Mathers, Can. Ins. Pest Rev. 24:120,
1946.

RECURVARIA NANELLA (Hbn.) (LESS-
ER BUD MOTH)*

- Ross, Can. Ins. Pest Rev. 24:48, 1946.
*RED-ADMIRAL, see VANESSA ATA-
LANTA (L.)

*RED-BACKED CUTWORM, see EUXOA
OCHROGASTER (Guen.)

*RED-BANDED LEAF ROLLER, see
ARGYROTAENIA VELUTINANA
(Wlkr.)

RED-BANDED LEAFHOPPER, see DI-
KRELLA COCKERELLI (Gill.)

*RED-BANDED THRIPS, see SELENO-
THRIPS RUBROCINCTUS (Giard)

*RED DATE SCALE, see PHOENICO-
COCCUS MARLATTI Ksil.

*RED ELM BARK WEEVIL, see MAG-
DALIS ARMICOLLIS (Say)

*RED FLOUR BEETLE, see TRIBOLI-
UM CASTANEUM (Hbst.)

*RED-HEADED ASH BORER, see NEO-
CLYTUS ACUMINATUS (F.)

RED-HEADED JACK-PINE SAWFLY,
see NEODIPRION VIRGINIANA Roh.

*RED-HEADED PINE SAWFLY, see
NEODIPRION LECONTEI (Fitch)

*RED-HUMPED CATERPILLAR, see
SCHIZURA CONCIENNA (Abbott &
Smith)

RED-HUMPED OAK CATERPILLAR, see
SYMMERISTA ALBIFRONS
(Abbott & Smith)

*RED-LEGGED GRASSHOPPER, see
MELANOPLUS FEMUR-RUBRUM
(Deg.)

*RED-LEGGED HAM BEETLE, see NE-
CROBIA RUPIES (Deg.)

RED LOUSE OF CATTLE, see BOVIC-
OLA BOVIS (L.)

RED LOUSE OF GOATS, see BOVICOLA
CAPRAE (Gurlt)

*RED MILKWEED BEETLE, see TETRA-
OPES TETROPHTHALMUS (Forst.)

RED MITE OF POULTRY, see DER-
MANYSSUS GALLINAE (Deg.)

*RED-NECKED CANE BORER, see
AGRILUS RUFICOLLIS (F.)

RED-PINE SAWFLY (CANADA), see
NEODIPRION NANULUS Schedl

RED-RUST GRAIN BEETLE, see LAE-
MOPHLOEUS FERRUGINEUS
(Steph.)

RED-SHOULDERED PLANT BUG, see
THYANTA CUSTATOR (F.)

RED-SHOULDERED SHOT-HOLE BOR-
ER, see XYLOBIOPS BASILARIS
(Say)

RED SPIDERS

Cummings, Amer. Nurserym. 84(6):
16; (8):45, 1946.

Davis, Amer. Nurserym. 84(9):10,
1946.

Davis, Azaleas & Camellias for the
Gard.:53-55, 1947.

Farrar, Arbor. News 11:43, 1946.

i Filingier, Kans. C. 239:19-20, 1947.

Haseman, Mo. B. 391 ed. 2:15-16,
1946.

Howard & Brooks, Cal. Ext. C. 117
rev.:71-72, 79, 1947.

i Lecker, Ind. Ext. B. 239 rev.:15-16,
1947.

Lyle, Miss. Inform. Sheet 344:1, 1945.

i Morrow, Green Thumb 3(6):19-20,
1946.

Scott & Scott, Chrysanthemums for
Pleasure:16-17, 1947.

Seifert, Ill. Dept. Agr. R. 30:220,
1947.

Smith, Cal. Citrog. 33:41, 1947.

Whitcomb et al., Mass. B. 441:37,
1947.

**RED SPIDERS, see also PARATETRANY-
CHUS**

RED SPIDERS - AEROSOLS

i Blauvelt & Hoffman, N. Y. St. Flower
Grow. B. 29:3, 5, 1947.

RED SPIDERS - DUSTS

Burr, Neb. R. 59:64, 1946.

Cox & Wilson, La. Ext. C. 268:13,
1947.

King, Ga. Coastal Plain B. 44:42,
1947.

Starnes, Agr. Flying; Ground School
Curriculum Offered in Conjunction
with Crop Dusting Training:7, 1947.

USDA EPQ et al., Cotton Ins. Control
Conf. (Stoneville, Miss. Nov. 17-19)
R.:13, 1947.

RED SPIDERS - FUMIGANTS

Blauvelt, N. Y. St. Flower Grow. B.
2:6-8; 4:8, 1945.

Blauvelt et al., N. Y. (C.) R. 59:121-
122, 1947.

Compton, Can. Flor. 41:339, 1946.

i English, Can. Flor. 42(7):7, 34, 1947.

Farrar, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25:54-55, 1946.

Lininger et al., Pa. B. 488:18, 1947.

Whitcomb & Garland, Mass. B. 441:
38-39, 1947.

RED SPIDERS - INSECTICIDES

Anderson, USDA R. Sec. f. 1947:142.
English, South. Flor. 59(46):11, 52-56,
1947.

Granovsky, Minn. Hort. 75:60, 1947.

Martin, N. J. R. 67:55, 1947?

Newcomb, Cal. Citrog. 32:210-212,
1947.

Spurlock, Almond Facts 10(3):4, 1946.
White, Mass. B. 436:45, 1946.

Wildon, Mich. Sp. B. 222 rev.:20, 1946.

RED SPIDERS - INSECTICIDES - DDT

Neiswander, Ohio Veg. & Potato Grow.
Assoc. P. 31:279-280, 1946.

RED SPIDERS - SPRAYS

Brown, Amer. Dahlia Soc. B. 20(2):6-
7, 1947.

RED SPIDERS - SPRAYS--Continued.

- i Brown, Flower Grow. 34:565,584-586, 1947.
- Chapman, Pa. St. Hort. Assoc. P. 88. 73-82, 1947.
- Filinger, Kans. C. 235:17, 1946.
- Jenkins, Iowa St. Hort. Soc. Trans. 80:137, 1945.
- Stanley, Tenn. St. Hort. Soc. P. 41:78, 1947.
- Whitcomb & Garland, Mass. B. 436. 38-40, 1946.
- Williams, Conn. Ext. B. 377:10, 1946.
- Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540:15, 1947.
- Va. Ext. B. 131 rev.:13-14, 1947.
- RED SPIDERS - SPRAYS - DDT
- Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:78, 1946.
- RED SPIDERS & PLANT NUTRITION - SOIL MINERALS
- Anderson, USDA R. Sec. f. 1947:142.
- RED-STRIPED FIREWORM, *see* AROGATRIALBAMACULELLA (Chamb.)
- RED-TAILED BOT, *see* GASTEROPHILUS HAEMORRHOIDALIS (L.)
- RED-TAILED FLESH FLY, *see* SARCOPHAGA HAEMORRHOIDALIS (Fall.)
- *RED TURNIP BEETLE, *see* ENTOMOSCELIS AMERICANA Brown
- *RED TURPENTINE BEETLE, *see* DENDROCTONUS VALENS Lec.
- *REDBERRY MITE, *see* ACERIA ESSIGI (Hassan)
- REDBUD LEAFROLLER, *see* FASCISTA CERCEISELLA (Chamb.)
- REDDISH-YELLOW SPRUCE BUDWORM, *see* ZEIRAPHERA RATZBURGIANA (Ratz.)
- REDUVIIDAE
- i Mallis, Handb. of Pest Control. 205-206, 1945.
- REDWOOD INSECTS
- Tilden, Pan-Pac. Ent. 21(1):30-31, 1945.
- *REGAL MOTH, *see* CITHERONIA REGALIS (F.)
- REICHENBACHIA Leach - REVISION
- bnk Park, Chicago Acad. Sci. B. 7: 499-511, 1946.
- RELAPSING FEVER, *see under* genus ORNITHODOROS; and LICE & DISEASE - RELAPSING FEVER
- *RELAPSING-FEVER TICK, *see* ORNITHODOROS TURICATA (Dugès)
- RENOCIS MEXICANUS Blackm.
- Williams, Hawaiian Ent. Soc. P. 13:5, 1947.
- REPELLENTS FOR INSECTS
- Annam, USDA EPQ R. f. 1944/45:18-19,22; f. 1945/46:14; f. 1946/47:16.
- Baxter, Sci. Against Time:364-368, 372-373, 1946.
- Bennett, Chem. Formulary, v. 7:8,98, 1945.
- Bishopp & Stage, N. J. Mosq. Exterm. Assoc. P. 33:147, 1946; 34:30-31, 1947.
- Boyd, N. J. Dept. Agr. C. 355:8-10, 1945.

REPELLENTS FOR INSECTS--Continued

- Cameron, Parasites of Man ed. 2:138, 140,171-172, 1946.
- Carruth et al., N. Y. (G.) B. 715:11, 1946.
- b Christophers, Medicina Rev. Mex. 21:318-324, 1946.
- Curtis et al., U. S. Dept. Com. Off. Pub. Bd. R. 237:58-62, 1945.
- Davis, Pest Control & Sanit. 1(12):13, 1946.
- Davis, Pests 14(6):14, 1946.
- Davis, Pest Control & Sanit. 2(12):15, 1947.
- bi Dethier, Chem. Ins. Attractants & Repellents:201-232, 1947.
- Dove, Soap & Sanit. Chem. 21(1):121, 121B, 1945.
- Dykstra, Anim. Sanit. & Dis. Control rev.:224-226, 1946.
- Gardiner, Can. Min. Agr. R. f. 1944/45:67.
- Gershenfeld, Bact. & All. Subjects: 412-413, 1945.
- Hale, Ind. St. Bd. Health Mo. B. 48. 131, 1945.
- b Haller, Indus. & Engin. Chem. Indus. Ed. 39:472-473, 1947.
- Headlee, Mosq. of N. J. & Their Control:301-303, 1945.
- Hoskins, Pest Control & Sanit. 2(1): 14-15, 1947.
- Howland, Better Homes & Gard. 24(11): 8, 1946; 25(10):27, 1947.
- Knipling, Natl. Malar. Soc. J. 5:119-120, 1946.
- Knipling, USDA YB f. 1943/47:640-641.
- Longworth, Camping Mag. 19(4):19, 1947.
- Luttringhaus, Can. Textile J. 64(26): 46, 1947.
- McClintock & Fisher, Spray Chem. & Appl. Equip.:159-161, 1945.
- MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:257, 1945.
- Meredith, Amer. Drug. 113(5):182, 1946.
- Michener & Michener, Sci. News Let. 51:338, 1947.
- Pletsch, Mont. B. 446:71-73,85, 1947.
- b Pijao, Soap & Sanit. Chem. 23(3): 124-127,173,175, 1947.
- Rohwer, Pest Control & Sanit. 2(8): 26-27, 1947.
- Rohwer, Soap & Sanit. Chem. 23(6): 191, 1947.
- Scott, Pest Control & Sanit. 1(11):18-19, 1946.
- b Scott, Tex. Rpts. Biol. & Med. 4:3-6, 1946.
- i Setterstrom, Chem. Indus. 59:474-475, 1946.
- Setterstrom, Mosq. News 6:186-188, 1946.
- Simmons, Natl. Malar. Soc. J. 5:161, 1946.
- bi Simmons, Adv. Int. Med. 2:233-238, 252, 1947.
- Slate, Conn. R. f. 1945/46:12.

REPELLENTS FOR INSECTS--Continued.

- Smillie, Pub. Health Adm. in U. S. ed. 3:178,255, 1947.
 i Sparhawk, Pests 14(5):34, 1946.
 Stage & Knippling, Reunion Interamer. del Tifo Pub. Ofic. 1:282, 1947.
 Tate, Neb. St. Bd. Agr. R. f. 1945: 434-435.
 Tate, Amer. Assoc. Cereal Chem. Trans. 4:40-41, 1946.
 Tisdale, Can. Chem. & Process Indus. 29:75, 1945.
 Tower, Maine For. Serv. C. 7:7-8, 1947.
 Travis, Amer. Perfumer & Essential Oil Rev. 50:141-142, 1947.
 Travis, USDA YB f. 1943/47:628-631.
 b Twinn, Sci. Agr. 27:101-102, 1947.
 Wildon et al., Mich. Ext. B. 271:50, 1945.
 Dow Chem. Co., Down to Earth 1(2). 10-12, 1945.
 USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:10-11,58-64, 1946.
REPELLENTS FOR INSECTS, see also
INSECTPROOFING, LOUSE-
PROOFING; MOSQUITOPROOF-
ING; WOOD PRESERVATION
REPELLENTS FOR INSECTS - AMOR-
PHA EXTRACT
 Brett, J. Agr. Res. 73:93-95, 1946.
 Brett, J. Ec. Ent. 39:810, 1946.
REPELLENTS FOR INSECTS - ANABA-
SINE SULFATE
 Hastings & Shimkin, Science 103:639, 1946.
 Nabokov, Amer. Rev. Soviet Med. 2: 449-452, 1945.
REPELLENTS FOR INSECTS - BEN-
ZENE HEXACHLORIDE
 Gardiner, Can. Min. Agr. R. f. 1946/47:98.
REPELLENTS FOR INSECTS - BEN-
ZENE HEXACHLORIDE & PINE
OIL
 Hixson & Muma, Sci. News Let. 52: 376, 1947.
REPELLENTS FOR INSECTS - BENZYL
BENZOATE
 Smith & Gouck, J. Ec. Ent. 39:374-375, 1946.
 Snyder & Morton, Soap & Sanit. Chem. 22(11):133,135, 1946.
REPELLENTS FOR INSECTS - cis BICY-
CLO(2,2,1)-6-HEPTENE-2,3,DICAR-
BOXYLIC ACID, DIMETHYL ES-
TER OF, see REPELLENTS FOR
INSECTS - DIMETHYL CARBATE
REPELLENTS FOR INSECTS - BISETH-
YLXANTHOGEN
 Smith & Gouck, J. Ec. Ent. 39:374-375, 378, 1946.
REPELLENTS FOR INSECTS - BOR-
DEAUX MIXTURE
 Rasmussen et al., Mich. Ext. B. 154 rev.:23, 1945.
REPELLENTS FOR INSECTS - n-BUTYL
MESITYL OXIDE OXALATE
(INDALONE)
 Dove, Soap & Sanit. Chem. 21(1):121, 121B, 1945.

REPELLENTS FOR INSECTS - n-BUTYL
MESITYL OXIDE IXALATE--Con-
tinued.

- b Goodhue, Iowa St. Col. J. Sci. 19:257, 1945.
 Hall et al., Amer. Chem. Soc. J. 67:1224-1225, 1945.
 Scott, Pest Control & Sanit. 1(11):18-19, 1946.
 Setterstrom, Mosq. News 6 186-188, 1946.
 Smith & Gouck, J. Ec. Ent. 39:374-378, 1946.
 Travis et al., J. Ec. Ent. 39:627-630, 1946.
REPELLENTS FOR INSECTS - n-BUTYL
MESITYL OXIDE OXALATE (IN-
DALONE), see also REPELLENTS
FOR INSECTS - DIMETHYL
PHTHALATE & 2-ETHYLHEXA-
NEDIOL-1,3 & n-BUTYL MESITYL
OXIDE OXALATE (INDALONE)
REPELLENTS FOR INSECTS - BUTYL-
ACETANILIDE
 Brennan, U. S. Pub. Health Rpts. 62: 1163-1165, 1947.
REPELLENTS FOR INSECTS - CAM-
PHOR (SYNTHETIC), POWDERED
 Hildreth, Amer. Bee J. 85:198, 1945.
REPELLENTS FOR INSECTS - CARBI-
TOL ACETATE, see REPELLENTS
FOR INSECTS - DIMETHALLYL
DISULFIDE & CARBITOL ACE-
TATE & PLASTOL
REPELLENTS FOR INSECTS - CAR-
BOLIC ACID, see REPELLENTS
FOR INSECTS - PHENOL
REPELLENTS FOR INSECTS - CASTOR
BEAN PLANTS
 b McIndoo, USDA EPQ E-666.6, 1945.
REPELLENTS FOR INSECTS - CEDAR
OIL & CITRONELLA & CAMPHOR
 Stiles, Okla. Ext. C. 223 rev.:22, 1946?
REPELLENTS FOR INSECTS - CITRON-
ELLA
 b Keil, J. Invest. Dermat. 8.327-334, 1947.
REPELLENTS FOR INSECTS - COAL-
TAR DISINFECTANTS
 Sobell & Doner, Soap & Sanit. Chem. 21:108, 1945.
REPELLENTS FOR INSECTS - COSMET-
ICS
 Thomssen, Drug. & Cosmetic Ind. 57: 46-47,122, 1945.
 Schimmel & Co., Schimmel Briefs No. 137,1 p., 1946.
REPELLENTS FOR INSECTS - CREO-
SOTE OIL
 Turnbull, B. C. Ent. Soc. P. 42:7-8, 1945.
REPELLENTS FOR INSECTS - CUPRIF-
EROUS CEMENT (HUBBELLITE)
 bi Hazard, Soap & Sanit. Chem. 21(4): 129,131,133,135,157, 1945.
 J. Ec. Ent. 38:290, 1945.
REPELLENTS FOR INSECTS - 2-CYCLO-
HEXYL CYCLOHEXANOL, see RE-
PELLENTS FOR INSECTS - 2-
PHENYL CYCLOHEXANOL & 2-
CYCLOHEXYL CYCLOHEXANOL

- REPELLENTS FOR INSECTS - DDT
Cotton, Inst. Food Technol. P. 6:52, 1945.
Cotton et al., USDA EPQ E-641:6-7, 1945.
Hafer, J. For. 43:679-680, 1945.
Smith & Gouck, J. Ec. Ent. 39:374-375, 1946.
Wolcott, USDA FS Trop. For. Expt. S Sta. Caribbean For. 6:246-247, 1945.
- REPELLENTS FOR INSECTS - DDT & BENZOL
Wolcott, J. Ec. Ent. 38:493, 1945.
- REPELLENTS FOR INSECTS - DDT & KEROSENE
Davault, Quebec Min. Lands & For. R. f. 1945/46:123, 1947.
- REPELLENTS FOR INSECTS - cis-DECAHYDRO-1-NAPHTHOL
Pi Joan et al., U. S. Nav. Med. Bul. 46: 1512, 1520, 1946.
- REPELLENTS FOR INSECTS - DIBUTYL PHTHALATE
Snyder & Morton, Soap & Sanit. Chem. 22(11):133, 135, 1946.
- REPELLENTS FOR INSECTS - DICHLORO-DIPHENYL - TRICHLOROETHANE, see REPELLENTS FOR INSECTS - DDT
- REPELLENTS FOR INSECTS - DIETHYLENE GLYCOL MONOETHYL ETHER COMPOUND (STA-WAY) - TOXICITY
Hoehn, Amer. Med. Assoc. J. 128:513, 1945.
- REPELLENTS FOR INSECTS - DIMETHALLYL DISULFIDE & CARBITOL ACETATE & PLASTOL
Loeffler & Hoskins, J. Ec. Ent. 39:591, 593, 596, 1946.
- REPELLENTS FOR INSECTS - DIMETHYL CARBATE
Setterstrom, Mosq. News 6:187, 1946.
- REPELLENTS FOR INSECTS - DIMETHYL PHTHALATE
Afridi & Arthur, Mil. Surg. 97:90, 1945.
Dove, Soap & Sanit. Chem. 21(1):121, 1945.
b Goodhue, Iowa St. Col. J. Sci. 19:257, 1945.
Michener & Michener, Nat. Hist. 56: 231-235, 1947.
Osborne, Can. J. Compar. Med. 11: 144-145, 1946.
Philip & Woodward, J. Parasit. 32:512, 1946.
Pi Joan et al., U. S. Nav. Med. Bul. 46: 1507-1508, 1946.
Scott, Pest Control & Sanit. 1(11):18, 1946.
Setterstrom, Mosq. News 6:186, 1946.
Smith & Gouck, J. Ec. Ent. 39:375-378, 1946.
Snyder & Morton, Soap & Sanit. Chem. 22(11):133, 135, 1946.
Stilson, Amer. Waterworks Assoc. J. 38:629, 1946.
Travis & Morton, N. J. Mosq. Exterm. Assoc. P. 33:65-69, 1946.
Travis et al., J. Ec. Ent. 39:627-630, 1946.
U. S. Army Med. Dept. Bul. 7:992, 1947.
- REPELLENTS FOR INSECTS - DIMETHYL PHTHALATE - EMULSIFIERS
Morton, N. J. Mosq. Exterm. Assoc. P. 33:69-71, 1946.
- REPELLENTS FOR INSECTS - DIMETHYL PHTHALATE & 2-ETHYLHEXANEDIOL-1,3
Jones et al., Soap & Sanit. Chem. 22(10):151, 153, 1946.
- REPELLENTS FOR INSECTS - DIMETHYL PHTHALATE & 2-ETHYLHEXANEDIOL-1,3 & n-BUTYL MESITYL OXIDE OXALATE (INDALONE)
Dove, Soap & Sanit. Chem. 21(1):121B, 1945.
Scott, Pest Control & Sanit. 1(11):19, 1946.
Setterstrom, Mosq. News 6:188, 1946.
Sinks, Collier's 118(2):38, 50-51, 1946.
Travis & Morton, N. J. Mosq. Exterm. Assoc. P. 33:65-69, 1946.
Travis et al., J. Ec. Ent. 39:627-630, 1946.
- REPELLENTS FOR INSECTS - 1-ETHYL-1,2,3,4-TETRAHYDRO-2-NAPHTHOL
Pi Joan et al., U. S. Nav. Med. Bul. 46: 1511, 1520, 1946.
- REPELLENTS FOR INSECTS - 2-ETHYLHEXANEDIOL-1,3
Dove, Soap & Sanit. Chem. 21(1):121B, 1945.
b Goodhue, Iowa St. Col. J. Sci. 19: 256-257, 1945.
Granett, Sci. News Let. 48:375, 1945.
b Granett & Haynes, J. Ec. Ent. 38: 671-675, 1945.
Jardine et al., USDA OES R. f. 1943/44:53, 1945.
Scott, Pest Control & Sanit. 1(11):19, 1946.
Setterstrom, Mosq. News 6:186-188, 1946.
Smith & Gouck, J. Ec. Ent. 39:374-378, 1946.
Travis et al., J. Ec. Ent. 39:627-630, 1946.
Trullinger et al., USDA OES R. f. 1945/46:114, 1947.
- REPELLENTS FOR INSECTS - 2-ETHYLHEXANEDIOL-1,3, see also - REPELLENTS FOR INSECTS - DIMETHYL PHTHALATE & 2-ETHYLHEXANEDIOL-1,3
- REPELLENTS FOR INSECTS - FERBAM
Wheeler, N. Y. St. Hort. Soc. P. 92: 165, 1947.
- REPELLENTS FOR INSECTS - FERBAM, see REPELLENTS FOR INSECTS - FERBAM
- REPELLENTS FOR INSECTS - FERRIC DIMETHYL DITHIOCARBAMATE, see REPELLENTS FOR INSECTS - FERBAM
- REPELLENTS FOR INSECTS - "FLY SALT"
Farrell, Kans. C. 231:10, 1945.
- REPELLENTS FOR INSECTS - GARLIC - HOST-ADMINISTERED
Gonzales Alvarez, Vet. Med. 42:414-417, 1947.

- REPELLENTS FOR INSECTS - HUBBEL-LITE**, *see* REPELLENTS FOR INSECTS - CUPRIFEROUS CEMENT (HUBBELLITE)
- REPELLENTS FOR INSECTS - HUMAN SECRETIONS**
 Brennan, J. Parasit. 33:493-494, 1947.
- REPELLENTS FOR INSECTS - INDALONE**, *see* REPELLENTS FOR INSECTS - n-BUTYL MESITYL OXIDE OXALATE (INDALONE)
- REPELLENTS FOR INSECTS - LAUONITRILE**
 Gould, Ind. R. 58:57, 1945.
- REPELLENTS FOR INSECTS - LEAD ARSENATE**
 Slate, Conn. R. f. 1945/46:7.
- REPELLENTS FOR INSECTS - 1-METHOXY-1,2,3,4-TETRAHYDRO-2-NAPHTHOL**
 Pijoan et al., U. S. Nav. Med. Bul. 46: 1512,1520, 1946.
- REPELLENTS FOR INSECTS - 1-METHYL-1,2,3,4-TETRAHYDRO-2-NAPHTHOL**
 Pijoan et al., U. S. Nav. Med. Bul. 46: 1510,1520, 1946.
- REPELLENTS FOR INSECTS - MONOCHLORO 1,2,3,4-TETRAHYDRO-2-NAPHTHOL**
 Pijoan et al., U. S. Nav. Med. Bul. 46: 1512,1520, 1946.
- REPELLENTS FOR INSECTS - NAPHTHALENE FLAKES**
 Kelsheimer, Fla. PB 611,4 p., 1945.
 Kelsheimer, Fla. R.4. 1944/45:119.
- REPELLENTS FOR INSECTS - 1-NAPHTHOL, DECAHYDRO (cis)**, *see* REPELLENTS FOR INSECTS - cis-DECAHYDRO-1-NAPHTHOL
- REPELLENTS FOR INSECTS - 2-NAPHTHOL 1,2,3,4-TETRAHYDRO-1-METHYL-ACETATE**
 Pijoan et al., U. S. Nav. Med. Bul. 46: 1511,1520, 1946.
- REPELLENTS FOR INSECTS - NEW**
 Newman et al., Amer. Chem. Soc. J. 68:2112-2115, 1946.
- REPELLENTS FOR INSECTS - NEW**
 Twinn, Can. J. Pub. Health 38:94, 1947. (Abs.)
- REPELLENTS FOR INSECTS - OIL & OIL OF TAR**
 Davis, Ind. Ext. B. 105 rev.:3, 1945.
- REPELLENTS FOR INSECTS - OIL MIXTURES**
 Starr, J. Agr. Res. 71:415-416, 1945.
- REPELLENTS FOR INSECTS - ORGANIC COMPOUNDS**
 Brennan, U. S. Pub. Health Rpts. 62: 1162-1165, 1947.
 Hoskins & Chamberlin, Cal. C. 365: 101, 1946.
- REPELLENTS FOR INSECTS - PENTACHLOROPHENOL**
 Wolcott, USDA FS Trop. For. Expt. Sta. Caribbean For. 6:245-249, 1945.
- REPELLENTS FOR INSECTS - PERMANENCE**
 Wolcott, J. Ec. Ent. 40:124-129, 1947.
- REPELLENTS FOR INSECTS - PHENOL**
 Pearcey, Amer. Bee J. 86:471, 1946.
 Robertson, B. C. Dept. Agr. R. 40: V48-V49, 1946.
- REPELLENTS FOR INSECTS - PHENOL**
 Turnbull, B. C. Ent. Soc. P. 42:8, 1945.
- REPELLENTS FOR INSECTS - PHENYL-CYCLOHEXANOL**
 Wolcott, Science 101:444, 1945.
- REPELLENTS FOR INSECTS - PHENYL-CYCLOHEXANOL & 2-CYCLOHEXYLCYCLOHEXANOL**
 Brennan, U. S. Pub. Health Rpts. 62: 1163-1165, 1947.
- REPELLENTS FOR INSECTS - 2-PHENYL-CYCLOHEXANOL & 2-CYCLOHEXYLCYCLOHEXANOL**
 Jachowski & Pijoan, Science 104:266-269, 1946.
- REPELLENTS FOR INSECTS - 2-PHENYL-CYCLOHEXANOL (PURIFIED)**
 Pijoan et al., U. S. Nav. Med. Bul. 46: 1510-1511, 1520, 1946.
- REPELLENTS FOR INSECTS - 2-PHENYL-CYCLOHEXANOL, ACETYL GLYCINE ESTER**
 Pijoan et al., U. S. Nav. Med. Bul. 46: 1513,1520, 1946.
- REPELLENTS FOR INSECTS - PINE OIL**, *see* REPELLENTS FOR INSECTS - BENZENE HEXACHLORIDE & PINE OIL
- REPELLENTS FOR INSECTS - PYRETHRUM**
 Smith & Gouck, J. Ec. Ent. 39:375-376, 378, 1946.
- REPELLENTS FOR INSECTS - ROTE-NONE & PINE OIL**
 Annand, USDA EPQ R. f. 1944/45:19.
- REPELLENTS FOR INSECTS - RUTGERS 612**, *see* REPELLENTS FOR INSECTS - 2-ETHYLHEXANEDIOL 1-1,3
- REPELLENTS FOR INSECTS - RYANEX**
 Wheeler, N. Y. St. Hort. Soc. P. 92: 165, 1947.
- REPELLENTS FOR INSECTS - SILICA MIXTURES**
 Bromley, J. Ec. Ent. 40:237, 1947.
- REPELLENTS FOR INSECTS - SMOKE**
 Shaw & Starr, J. Ec. Ent. 39:526-528, 1946.
- REPELLENTS FOR INSECTS - SODIUM FLUORIDE**
 Mote, Oreg. C. Inform. 388:2, 1946.
- REPELLENTS FOR INSECTS - SOLID CHEMICALS**
 Linduska & Morton, J. Ec. Ent. 40: 562-564, 1947.
- REPELLENTS FOR INSECTS - SPRAY A**, *see* REPELLENTS FOR INSECTS - DIMETHALLYL DISULFIDE & CARBITOL ACETATE & PLASTOL

- REPELLENTS FOR INSECTS - STA-WAY,
see REPELLENTS FOR INSECTS -
DIETHYLENE GLYCOL MONOETH-
YL ETHER COMPOUND (STA-WAY)
- REPELLENTS FOR INSECTS - STORAGE
Jones et al., Soap & Sanit. Chem. 22
(10):151,153, 1946.
- REPELLENTS FOR INSECTS - SULFUR
McGregor et al., Ariz. TB 114:228,
1947.
- REPELLENTS FOR INSECTS - SYNER-
GISTS & ACTIVATORS
Pi Joan et al., U. S. Nav. Med. Bul. 46:
1508-1510,1521, 1946.
- REPELLENTS FOR INSECTS - TESTS
Brennan, U. S. Pub. Health Rpts. 62:
1162-1165, 1947.
- REPELLENTS FOR INSECTS - TESTS
bi Connola et al., N. Y. (C.) B. 841:5-
11,13-14,25-29,40, 1947.
- Dunbar, U. S. Food & Drug Adm. Ann.
R. f. 1944/45:5-6.
- Fleming, J. Ec. Ent. 38:308-312, 1945.
- i Granett & Sacktor, J. Ec. Ent. 40:
259-263, 1947.
- Linduska et al., J. Ec. Ent. 39:767-
769, 1946.
- i Morton et al., USDA EPQ E-733-10-
11,18-235, 1947.
- b Pi Joan et al., U. S. Nav. Med. Bul.
46 1506-1522, 1946.
- bi Richards & Cutkomp, N. Y. Ent.
Soc. J. 53:324-325,343-355, 1945.
- bi Sweetman et al., Soap & Sanit.
Chem. 21(3):104-107,127,129,131,
1945.
- Travis, Natl. Malar. Soc. J. 6:180-
183, 1947.
- Travis & Morton, USDA EPQ E-698,
6 p., 1946.
- Travis et al., J. Ec. Ent. 39:627-630,
1946.
- Wadley, Biometrics Bul. 2:30-31,1946
- Wolcott, USDA FS Trop. For. Expt.
Sta. Caribbean For. 6:245-256, 1945
Spanish Text, 256-266.
- b Wolcott, P. R. (Rio Piedras) B. 73,
18 p., 1947.
- REPELLENTS FOR INSECTS - 1,2,3,4-
TETRAHYDRO-2-NAPHTHOL
b Goldenson & Sass, Anal. Chem. 19:
322-324, 1947.
- REPELLENTS FOR INSECTS - 1,2,3,4-
TETRAHYDRO-2-NAPHTHOL, see
also REPELLENTS FOR INSECTS -
2-PHENYL CYCLOHEXANOL & 1,
2,3,4-TETRAHYDRO-2-NAPHTHOL
- REPELLENTS FOR INSECTS - 1,2,3,4-
TETRAHYDRO-2-NAPHTHOL
(PURIFIED)
Pi Joan et al., U. S. Nav. Med. Bul. 46:
1512,1520, 1946.
- REPELLENTS FOR INSECTS - 1,2,3,4-
TETRAHYDRO-2-NAPHTHOL
(SPECIALLY DISTILLED)
Pi Joan et al., U. S. Nav. Med. Bul. 46:
1513-1514, 1946.
- REPELLENTS FOR INSECTS - 1,2,3,4-
TETRAHYDRO-2-NAPHTHOL
DERIVATIVES
Pi Joan et al., U. S. Nav. Med. Bul. 46:
1511,1513,1520, 1946.
- REPELLENTS FOR INSECTS - TRAVIS
MOSQUITO REPELLENT, see RE-
PELLENTS FOR INSECTS - DI-
METHYL PHTHALATE & 2-ETH-
YLHEXANEDIOL-1,3 & n-BUTYL
MESITYL OXIDE OXALATE (IN-
DALONE)
- REPELLENTS FOR INSECTS - XANTHO-
GEN, BISETHYL, see REPEL-
LENTS FOR INSECTS - BISETH-
YLXANTHOGEN
- REPELLENTS FOR INSECTS - ZER-
LATE, see REPELLENTS FOR IN-
SECTS - ZIRAM
- REPELLENTS FOR INSECTS - ZIRAM
Mills & Dewey, N. Y. (C.) Ext. B. 711:
65,71, 1947.
- Wheeler, N. Y. St. Hort. Soc. P. 92:
165, 1947.
- REPELLENTS FOR INSECTS - ZINC DI-
METHYL DITHIOCARBAMATE
see REPELLENTS FOR INSECTS -
ZIRAM
- REPELLENTS FOR INSECTS & DERMA-
TITIS
b Keil, J. Invest. Dermat. 8:327-334,
1947.
- Travis & Morton, USDA EPQ E-698,
2, 1946.
- RESERVOIRS, see WATER SUPPLIES
- RETICULITERMES Holmg. - INSECTI-
CIDES
Mayer & Gahan, USDA EPQ E-646:4,
13-14, 1945.
- RETICULITERMES sp.
Bottger & Levin, USDA EPQ E-738:2,
7-8, 1947.
- Swingle et al., USDA EPQ E-634,23 p.,
1945.
- RETICULITERMES FLAVIPES (Koll.)
i Berger, Ill. Nat. Hist. Surv. C. 41,
44 p., 1947.
- Davis, Ind. Acad. Sci. P. 56:152, 1947?
- Schmitt, N. J. C. 484:5, 1946.
- b Turner, Pests 15(5):12,14,16, 1947.
- Zappe, Conn. B. 501.115, 1946.
- RETICULITERMES FLAVIPES - CAN-
ADA
Thompson, Can. Ins. Pest Rev. 24:43,
1946.
- Twinn, Can. Ins. Pest Rev. 23:6-7,
1945.
- Twinn, Ent. Soc. Ont. R. 75:49, 1945.
- Watson, Can. Ins. Pest Rev. 24:66,
1946; 25:121, 1947.
- Watson & MacKay, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
32, 1946.
- Watson & Razienne, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
39, 1947.
- Watson & Thompson, Can. Dept. Agr.
Div. Ent. Processed Pub. 33:3,5,
36,5 p., 1945.
- RETICULITERMES HESPERUS Banks
Downes et al., Can. Ins. Pest Rev. 25:
121, 1947.
- Hermes, Pest Control & Sanit. 1(2):19,
1946.
- RETICULITERMES HESPERUS -
SWARMING
Carl, Victoria Nat. 2:76-77, 1945.

- RETICULITERMES HESPERUS -
SWARMING--Continued.
Guppy, Victoria Nat. 2:139-140, 1946.
- RETICULITERMES HUMILIS Banks, *see*
RETICULITERMES TIBIALIS Banks
- RETICULITERMES TIBIALIS Banks
Lauderdale, Ariz. St. Ent. R. f.
1945/46:22.
- RETICULITERMES VIRGINICUS (Banks) -
PREDATORS
Brues, Ent. Soc. Wash. P. 49:167-168,
1947.
- RETINODIPLOSIIS sp.
Bradley, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:38, 1946.
Bradley, Can. Ins. Pest Rev. 24:62,
1946; 25:75, 1947.
Bradley & MacDonald, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
45, 1947.
Lejeune, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:48, 1946.
Lejeune, Can. Ins. Pest Rev. 24:78-79,
1946.
McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946:
61, 1947.
- RETINODIPLOSIIS sp. - RESISTANT
PINES
bi Austin et al., Ecology 26:288-296,
1945.
- RETUSANUS DeLong
ni DeLong, Pan-Pac. Ent. 21:135-140,
1945.
- REUTEROSCOPIUS ORNATUS (Reut.)
Brett et al., Okla. TB-24:12,16,29,
1946.
- REUTEROSCOPIUS SULPHUREUS (Reut.)
Brett et al., Okla. TB-24:12,16,29,
1946.
- RHABDOCNEMIS OBSCURA (Bdvl.), *see*
RHABDOSCELUS OBSCURUS (Bdvl.)
- RHABDOPHAGA BATATAS (Walsh)
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. 8:58, 1945.
- RHABDOPHAGA ROSACEA Felt
Peterson, Can. Ins. Pest Rev. 24:110,
1946.
- RHABDOPTERUS PICIPES (Oliv.) (CRAN-
BERRY ROOTWORM)*
Beckwith, N. J. Dept. Agr. C. 356:49-
50, 1945.
Beckwith, USDA FB 1951 rev.:38, 1946.
Ross, Can. Ins. Pest Rev. 24:47, 1946;
25:92, 1947.
- RHABDOSCELUS OBSCURUS (Bdvl.)
(NEW GUINEA SUGARCANE
WEEVIL)*
Pemberton, Hawaiian Sugar Planters'
Assoc. R. 64, Expt. Sta. R. f.
1943/44:17, 1945.
- RHAGOLETIS Loew
USDA EPQ Ins. Pest Surv. Sum. of Ins.
Conditions in 1945:7, 1946.
- RHAGOLETIS CERASI (L.) - INTERCEP-
TION
Annand, USDA EPQ R. f. 1946/47:68.
- RHAGOLETIS CINGULATA (Loew) (CHER-
RY FRUITFLY, CHERRY MAGGOT)*
Annand, USDA EPQ R. f. 1943/44:4,
1945.
- RHAGOLETIS CINGULATA--Continued.
Armitage, Cal. Dept. Agr. B. 33:235,
1945.
Breakay, Wash. B. 470:119-120, 1945.
Davis, Oreg. Dept. Agr. Bien. R. f.
1944/46:42-43.
Downes et al., Can. Ins. Pest Rev. 25:
92, 1947.
Eide, Wash. St. Hort. Assoc. Proc. 41:
55-61, 1945.
i Flgy, Mich. St. Dept. Agr. Bien. R.
11:94-95,139, 1945; 12:116-118,165,
1947.
Hilborn et al., Maine Ext. B. 358:3,
1947.
Keifer, Cal. Dept. Agr. B. 34:189,
1946; 35:209, 1947.
i Mills & Dewey, N. Y. (C.) Ext. B.
711:55-57,59, 1947.
- RHAGOLETIS CINGULATA - IDENTITY
Jones, Cal. Dept. Agr. Sp. Pub. 209:
55-59,116-117, 1945.
- RHAGOLETIS CINGULATA - INSECTI-
CIDES
Childs et al., Oreg. Ext. B. 664:4-5,
1946.
Eide, Wash. St. Hort. Assoc. P. 42:
119-128, 1946.
Jones, J. Ec. Ent. 38:122, 1945.
i Jones, Oreg. C. Inform. 375,5 p.,
1946.
Oreg. C. Inform. 407:2-3,5, 1947.
- RHAGOLETIS CINGULATA - INSECTI-
CIDES - DDT
Newcomer, Wash. St. Hort. Assoc.
Proc. 41:53, 1945.
- RHAGOLETIS CINGULATA - PACIFIC
STATES
Mackie, Cal. Dept. Agr. Sp. Pub. 209
13, 1945.
- RHAGOLETIS CINGULATA - QUARAN-
TINE
Messenger, Cal. Dept. Agr. B. 34:203,
1946; 35:218, 1947.
- RHAGOLETIS CINGULATA - REARING
Jones, Cal. Dept. Agr. Sp. Pub. 209:
57-59, 1945.
- RHAGOLETIS CINGULATA - SPRAYS
Breakay, Wash. B. 470:119, 1945.
Buchanan, Wash. B. 482:47-49, 1946.
b Cox, J. Ec. Ent. 40:588-590, 1947.
Jones et al., Oreg. C. Inform. 358:2,
1945.
Lininger et al., Pa. B. 475:28, 1945;
480:40-41, 1946; 488:28, 1947.
Rasmussen et al., Mich. Ext. B. 154
rev.:43-44, 1946.
Webster & Eide, Wash. B. 470:38,
1945.
- RHAGOLETIS CINGULATA - SPRAYS -
DDT
Dewey, N. Y. St. Hort. Soc. P. 91:79-
80, 1946.
- RHAGOLETIS CINGULATA - SURVEYS
Armitage et al., Cal. Dept. Agr. B. 34:
171-172, 1946.
Davis, Oreg. St. Hort. Soc. R. 39:47,
1947.
- RHAGOLETIS COMPLETA Cress. (WAL-
NUT HUSK FLY)*
Armitage et al., Cal. Dept. Agr. B. 34:
173, 1946.

RHAGOLETIS COMPLETA--Continued.
Batchelor et al., Cal. C. 364:24-25,
1945.

Jeppson, Cal. Citrog. 31:126, 1946.

Ryan, Los Angeles Co. Cal. Agr.
Comnr. R. f. 1944/45:9; f. 1945/46:
17, f. 1946/47:16.

RHAGOLETIS FAUSTA (O.-S.) (BLACK
CHERRY FRUIT FLY)*

Annard, USDA EPQ R. f. 1943/44:4.
Armitage, Cal. Dept. Agr. B. 33:235,
1945.

Breakey, Wash. B. 470:119-120, 1945.

b Cox, J. Ec. Ent. 40:588-590, 1947.

Keifer, Cal. Dept. Agr. B. 34:189,
1946.

i Mills & Dewey, N. Y. (C.) Ext. B.
711:55-57, 59, 1947.

RHAGOLETIS FAUSTA - PACIFIC
STATES

Mackie, Cal. Dept. Agr. Sp. Pub. 209
13, 1945.

RHAGOLETIS FAUSTA - SURVEYS

Armitage et al., Cal. Dept. Agr. B. 34:
171-172, 1946.

RHAGOLETIS INDIFFERENS Curran, see

RHAGOLETIS CINGULATA (Loew)

RHAGOLETIS POMONELLA (Walsh) (AP-
PLE MAGGOT, BLUEBERRY MAG-
GOT)* (APPLE FRUIT FLY)

(BLUEBERRY FRUIT FLY)

Beckwith, N. J. Dept. Agr. C. 356:43,
1945.

i Beckwith, USDA FB 1951 rev.:34,
1946.

Blasberg, Vt. Ext. Brief. 616 rev.:14,
1945.

Chandler, Ill. St. Hort. Soc. Trans. 78
293, 1945.

Conklin, N. H. B. 372 32, 1947.

Davis, Ind. Acad. Sci. P. 56:150, 1947?

Deering, Maine Ext. B. 348:33, 1946.

Dewey, N. Y. St. Hort. Soc. P. 92:54,
56, 1947.

i Fluke, Wis. Hort. 38:263, 1947.

i Lathrop et al., Maine Ext. B. 353:7,
1947.

Lilly & Kuehner, Wis. Hort. 36:259,
1946.

i Mills & Dewey, N. Y. (C.) Ext. B.
711:11-15, 41-42, 71-73, 1947.

Rasmussen et al., Mich. Ext. B. 154
rev.:42-43, 1946.

Rasmussen et al., N. H. Ext. C. 280:
5-6, 1947.

USDA EPQ Ins. Pest Surv. Sum. of Ins.
Conditions in 1944:6, 1945.

RHAGOLETIS POMONELLA - CANADA

Cannon, Can. Ins. Pest Rev. 24:11, 12,
1946.

Gardiner, Can. Min. Agr. R. f.

1944/45:70; f. 1945/46:85-86; f.
1946/47:102.

Gauthier, Can. Ins. Pest Rev. 24:30,
1946.

Kennedy et al., Ont. Dept. Agr. R. f.

1944/45:73-74, 109; f. 1945/46:70,
123; f. 1946/47:93, 158.

Maxwell, Can. Ins. Pest Rev. 24:22,
24, 1946.

Maxwell & Cannon, Can. Ins. Pest
Rev. 25:91, 1947.

RHAGOLETIS POMONELLA--Continued.

Patterson & Neary, Can. Ins. Pest

Rev. 24:14, 1946.

Ross, Can. Ins. Pest Rev. 24:45, 1946.

Ross et al., Can. Ins. Pest Rev. 25:
86-87, 1947.

Thompson, Can. Ins. Pest Rev. 24 40,
1946.

Turney, N. B. Dept. Agr. R. f.

1944/45:59-60, f. 1945/46 64-65,
f. 1946/47:68.

Twinn, Can. Ins. Pest Rev. 23:5, 1945.

Wressell, Can. Ins. Pest Rev. 24:57,
1946.

RHAGOLETIS POMONELLA - CANADA -
NOVA SCOTIA

Haliburton, N. S. Fruit Grow. Assoc.

R. 83:76, 78-79, 82, 1946.

Haliburton et al., N. S. Dept. Agr. &
Mktg. R. f. 1945/46:169-172, 1947.

Leonard, N. S. Fruit Grow. Assoc. R.
82:111-118, 1945.

Leonard et al., N. S. Dept. Agr. R. f.

1943/44:162-170, 1945, f. 1944/45.
172-179, 1946.

Neary et al., N. S. Fruit Grow. Assoc.
R. 83:82-89, 1946.

Wilson, N. S. Fruit Grow. Assoc. R.

84:22-23, 25-27, 1947.

RHAGOLETIS POMONELLA - DUSTS

Lathrop, Maine B. 442:280-281, 287,
1946, 449-427, 1947.

Lathrop & Plummer, Maine B. 442:
274-275, 1946.

Martin, N. J. R. 67:52, 1947?

Tomlinson & Doehliert, Cranberries
11(3):13, 1946.

Trullinger et al., USDA OES R. f.
1945/46:107, 1947.

RHAGOLETIS POMONELLA - DUSTS -
DDT

Garman, Conn. B. 501:76-79, 1946.

Lathrop, Mass. Ext. Fruit Notes, Nov.
26, 1945:6.

RHAGOLETIS POMONELLA - EMER-
GENCE

Lathrop, Maine B. 449:413-414, 1947.

Whitcomb, Mass. B. 428:38, 1945.

436:40-41, 1946, 441:38, 1947.

RHAGOLETIS POMONELLA - INSECTI-
CIDES

Cutright, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:60, 1947.

Lathrop & Dirks, Maine B. 438:650-
652, 1945.

Slate, Conn. R. f. 1944/45:18.

Whitcomb, Mass. Fruit Grow. Assoc.
R. 51:23, 1945.

RHAGOLETIS POMONELLA - INSECTI-
CIDES - DDT

Annard, USDA EPQ R. f. 1945/46:2.

Conklin, N. H. Hort. Soc. J. 9:50,
1946.

Conklin & O'Kane, N. H. B. 367:33,
1946.

Dean, Hoosier Hort. 29:90-92, 1947.

b Dean, J. Ec. Ent. 40:183-189, 1947.

i Dean, N. Y. (G.) Farm Res. 13(2):2,
1947.

Dean, N. Y. St. Hort. Soc. P. 92:182-
184, 1947.

- RHAGOLETIS POMONELLA - LOSSES CAUSED BY**
Hodson, Minn. Hort. 73:102-103, 1945.
- RHAGOLETIS POMONELLA - QUARANTINE**
Messenger, Cal. Dept. Agr. B. 34:204-205, 1946; 35:219, 1947.
- RHAGOLETIS POMONELLA - SEASONAL CYCLES**
b Lathrop & Dirks, J. Ec. Ent. 38:330-334, 1945.
- RHAGOLETIS POMONELLA - SPRAYS**
Chandler, Ill. St. Hort. Soc. Trans. 79:126, 1946.
Clark & Hoveland, Wis. B. 472:23, 1947.
Garman, Conn. B. 485:148-150, 1945; 512:70-75, 1946.
Nichols et al., Iowa St. Hort. Soc. Trans. 80:106, 1945.
Richardson, Iowa R. f. 1946/47, pt. 1: 202-203.
N. J. Ext. Spray Calendar 16:5-6, 1946.
Va. Ext. B. 131 rev.:14-15, 1947.
- RHAGOLETIS POMONELLA - SPRAYS - DDT**
Bourne & Whitcomb, Mass. B. 428:35, 1945.
Clark & Hoveland, Wis. B. 466:19-20, 1945.
Conklin & O'Kane, N. H. B. 363:42, 1945.
Dean, N. Y. St. Hort. Soc. P. 91:205-208, 1946.
Dewey, N. Y. St. Hort. Soc. P. 91:79, 1946.
Hutson et al., Mich. St. Hort. Soc. R. 75:22-23, 1946.
Whitcomb et al., Mass. Fruit Grow. Assoc. R. 52:54, 1946.
- RHAGOLETIS POMONELLA - SURVEYS**
Davis, Oreg. St. Hort. Soc. R. 39:48, 1947.
- RHAGOLETIS POMONELLA - TRAPS**
i Hutson, Mich. Ext. Folder F-83,2 p, 1945.
Richardson, Iowa R. f. 1944/45 pt. 1: 249; f. 1945/46 pt. 1:228.
- RHAGOLETIS POMONELLA - TRAPS - BAIT**
Gunderson, Iowa St. Hort. Soc. Trans. 80:120-124, 1945.
- RHAGOLETIS SUAVIS Loew**
Houser, Amer. Fruit Grow. 67(6):17, 36, 1946.
Jardine et al., USDA OES R. f. 1944/45:54, 1946.
- RHEMBOBIUS ABDOMINALIS PACIFICUS (Harrgtn.)**
Townes, Hawaiian Ent. Soc. P. 13:105, 1947.
- RHINACLOA SUBPALLICORNIS Kngt. - SPRAYS**
Wolfe et al., Fla. Ext. B. 129:89, 1946.
- RHINOESTRUS PURPUREUS (Brauer) & MYIASIS**
i James, USDA Misc. Pub. 631:117-118, 1947.
- RHINONCUS OCCIDENTALIS Dietz (SOUR GRASS WEEVIL)**
Martin, N. J. R. 67:40, 1947?
- RHINONCUS PYRRHOPUS Boh.**
Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46:23, 1947.
Zimmerman, Hawaiian Ent. Soc. P. 13:15, 1947.
- RHINONCUS PYRRHOPUS - GENITALIA - MALE**
i Bruhn, Great Basin Nat. 8:18, 1947.
- RHINOPLATIA Horn**
ni Arnett, Ent. Soc. Wash. P. 49:241-246, 1947.
- RHINOSCAPHA LEGUILLOUI (Guer.) - GENITALIA - MALE**
i Bruhn, Great Basin Nat. 8:14, 1947.
- RHIPICEPHALUS Koch**
bi Cooley, U. S. Natl. Mus. Inst. Health B. 187:3-8, 23-29, 1946.
- RHIPICEPHALUS SANGUINEUS (Latr.) (BROWN DOG TICK)* (DOG TICK)**
Archer, Miss. Doctor 25:177, 1947.
i Baker, Cornell Vet. 36:88, 1946.
Bishopp & Trembley, J. Parasit. 31: 46-47, 1945.
i Bishopp et al., USDA EPQ E-292 rev., 4 p.; E-454:1, 1946.
Burgess, Ariz. R. 55:50, 1945.
bi Cooley, U. S. Natl. Inst. Health B. 187:24-29, 1946.
Curran, Nat. Hist. 54:215, 1945.
Davis, Ind. Acad. Sci. P. 56:153, 1947?
Flock, Ariz. St. Ent. R. f. 1944:22, 1945.
Lowry, Your Dog & Mine:64, 1947.
MacCreary, Del. B. 252:22, 1945.
MacNay, Can. Ins. Pest Rev. 25:116, 1947.
Miller, N. Amer. Vet. 26:669-671, 1945.
USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:18, 1945.
- RHIPICEPHALUS SANGUINEUS - DUSTS - DDT**
Dutsch & Smith, La. R. f. 1944/45:65, 1946.
Price, Ky. Ext. C. 438:4, 1947.
- RHIPICEPHALUS SANGUINEUS - FUR ANIMALS**
Herrick, Amer. Fur Breed. 20(3):34, 1947.
Herrick, Natl. Fur News 19(10):52, 1947.
- RHIPICEPHALUS SANGUINEUS - INSECTICIDES**
Lacroix, N. Amer. Vet. 26:420-421, 1945.
b Roark, USDA EPQ E-655:8-9, 1945.
- RHIPICEPHALUS SANGUINEUS - INSECTICIDES - DDT**
Annand, USDA EPQ R. f. 1944/45:9.
Daggy et al., Minn. Ext. B. 252:11, 1946.
Dove, USDA EPQ E-673:9-10, 1945.
Eastman et al., N. Amer. Vet. 27: 415-419, 1946.
Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):66-67, 1947.
Mote, Oreg. C. Inform. 389:4-5, 1946.
Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:12, 1947.

- RHIPICEPHALUS SANGUINEUS - INSECTICIDES - DDT--Continued.
Warrick, Water & Sewage Works 93: 331, 1946.
Webster, Better Homes & Gard. 24(9): 149, 1946.
- RHIPICEPHALUS SANGUINEUS - PARASITES
Smith et al., USDA TB 905:72, 1946.
- RHIPICEPHALUS SANGUINEUS - RATS
b Thurman & Mulrennan, J. Ec. Ent. 40:566-567, 1947.
- RHIPICEPHALUS SANGUINEUS & DISEASE
Miller, Cornell Vet. 37:124-126, 128, 1947.
- RHIPICEPHALUS SANGUINEUS & MICHOCAN FEVER
bi Bustamante et al., Rev. Inst. Salub. y Enferm. Trop. Mex. 8:163-174, 1947.
- RHIPICEPHALUS SANGUINEUS & ROCKY MOUNTAIN SPOTTED FEVER
bi Bustamante & Varela, Rev. Inst. Salub. y Enferm. Trop. Mex. 8:139-141, 1947.
bi Bustamante et al., Rev. Inst. Salub. y Enferm. Trop. Mex. 7:39-48, 1946.
Curran, Nat. Hist. 54:283-284, 1945.
- RHIPICEPHALUS SANGUINEUS & TULAREMIA
Archer, Ala. Conserv. 18(6):8, 1946.
- RHIZOBIUS Steph.
Omer-Cooper & Glaholm, Cit. Leaves 26(5):28, 1946.
- RHIZOECUS FALCIFER Kunck. (GROUND MEALYBUG)*
Heming, in Cal. Fuchsia Soc., A to Z on Fuchsias:14-15, 1946.
- RHIZOECUS TERRESTRIS (Newst.), see RHIZOECUS FALCIFER Kunck.
- *RHODES-GRASS SCALE, see ANTONINA GRAMINIS (Mask.)
- RHODESIELLA BRIMLEYI Sabr.
n Sabrosky, Ent. News 58:174-176, 1947.
- RHODESIELLA SCUTELLATA (Metj.)
Wirth, Hawaiian Ent. Soc. P. 13:22, 1947.
- RHODITES ROSAE (L.), see DIPLOLEPIS ROSAE (L.)
- RHODNIUS PROLIXUS Stål - FATE OF HEMOGLOBIN IN
Wigglesworth, Ent. Soc. Wash. P. 47: 215-216, 1945. (Abs.)
- RHODOBAENUS TREDECIMPUNCTATUS (Ill.) (COCKLEBUR WEEVIL)* (COCKLEBUR BILLBUG)
i Bruhn, Great Basin Nat. 8:20-21, 1947.
- *RHODODENDRON BORER, see RAMOSIA RHODODENDRI (Beut.)
- *RHODODENDRON LACE BUG, see STEPHANTIS RHODODENDRI Horv.
- RHODOGYNE Meig. COMPLEX - NORTH AMERICA
nik Brooks, Can. Ent. 77:218-230, 1945.
- RHODOGYNE FULIGINOSA (Rob.-Desv.)
Clancy, J. Ec. Ent. 39:327-328, 1946.
- RHOPALICUS TUTELA Wlkr., see CHEIROPACHYS COLON (L.)
- RHOPALOCERA, see BUTTERFLIES
- RHOPALOPHORA LONGIPES (Say)
i Knoll, Ohio Biol. Surv. B. 39:228, 1946.
- RHOPALOPSYLLUS COXI Eads
ni Eads, J. Parasit. 32:407-408, 1946.
- RHOPALOPSYLLUS GWYNI Fox
Cole, U. S. Pub. Health Rpts. 61:1472, 1946.
Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202.31,44,46,48,63-64, 1947.
- Rumreich, U. S. Pub. Health Rpts. 60: 892, 1945.
- RHOPALOPSYLLUS GWYNI & FILARIASIS
Scott & Cross, Amer. J. Trop. Med. 26:853-855, 1946.
- RHOPALOPUS SANGUINICOLLIS (Horn)
i Knoll, Ohio Biol. Surv. B. 39:206, 1946.
- RHOPALOSIPHUM CONII (Davids.) (HONEYSUCKLE APHID) & CALICO VIRUS OF PANSIES
Severin, Hilgardia 17:586-587, 1947.
- RHOPALOSIPHUM CONII & YELLOW SPOT OF CELERY
bi Freitag & Severin, Hilgardia 16: 375-384, 1945.
- RHOPALOSIPHUM CONII & RINGSPOT VIRUS OF POISON-HEMLOCK, ON CELERY
Freitag & Severin, Hilgardia 16:390-405, 1945.
- RHOPALOSIPHUM PRUNIFOLIAE (Fitch) (APPLE GRAIN APHID)*
Adams, Can. Ins. Pest Rev. 25:22, 1947.
Davis, Hawaiian Ent. Soc. P. 13:14, 1947.
i Mills & Dewey, N. Y. (C.) Ext. B. 711:15-16, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:15, 1946, 25:85, 1947.
Smith et al., Kans. Ent. Soc. J. 19:44, 1946.
- RHOPALOSIPHUM PSEUDOBRASSICAE (Davis) (TURNIP APHID)*
Jardine et al., USDA OES R. f. 1943/44:50, 1945.
Smith et al., Kans. Ent. Soc. J. 20:48, 58, 1947.
- White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:10, 1946.
- RHOPALOSIPHUM PSEUDOBRASSICAE - CANADA
Cannon, Can. Ins. Pest Rev. 24:10, 1946.
Christie, Ont. Agr. Col. & Expt. Farm R. 70:66-67, 1945.
Gauthier, Can. Ins. Pest Rev. 24:31, 1946.
Goble & Thompson, Ont. Crop Impr. Assoc. Addresses Ann. Conv. f. 1947: 141-142.
Stirrett, Can. Ins. Pest Rev. 25:33, 1947.
Thompson, Can. Ins. Pest Rev. 24:38, 1946.

- RHOPALOSIPHUM PSEUDOBRASSICAE** - CANADA -- Continued.
Thompson, Ont. Dept. Agr. B. 449:9-10, 1947.
- RHOPALOSIPHUM PSEUDOBRASSICAE** - INSECTICIDES
Annand, USDA EPQ R. f. 1946/47:5.
Barber & Dutsch, La. R. f. 1944/45: 63, 1946.
Brooks & Anderson, J. Ec. Ent. 40: 224-225, 228, 1947.
Cockerham et al., La. R. f. 1945/46: 113, 1947.
Isely & Miner, J. Ec. Ent. 39 94, 550, 1946.
Kelsheimer, Fla. R. f. 1946/47:127.
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:16-18, 71, 77, 1946.
Sun & Hansberry, J. Ec. Ent. 40:529, 1947.
- RHOPALOSIPHUM PSEUDOBRASSICAE** - INSECTICIDES - DDT
Romney et al., USDA EPQ E-672:2-3, 12, 1945.
- RHOPALOSIPHUM PSEUDOBRASSICAE** & RINGSPOT VIRUS OF POISON-HEMLOCK ON CELERY
Freitag & Severin, Hilgardia 16:396-405, 1945.
- RHOPALOSIPHUM PSEUDOBRASSICAE** & VIRUS DISEASES OF PLANTS
Jensen, Hawaiian Ent. Soc. P. 12:552, 557, 579, 582, 1946.
- RHOPALOSIPHUM RUFOMACULATUM** (Wilson) (GREEN CHRYSANTHEMUM APHIS)
Jensen, Hawaiian Ent. Soc. P. 12:488, 1946.
b Smith & Goodhue, J. Ec. Ent. 38:177-178, 1945.
- RHOPALOSIPHUM RUFOMACULATUM** - BARRIERS - ELECTRIC
i Bruce, J. Ec. Ent. 40:277, 1947.
- RHOPALOSIPHUM RUFOMACULATUM** - INSECTICIDES
Dustan et al., Sci. Agr. 26:117, 1946.
i Dustan et al., Can. Ent. 79:45-46, 48-49, 1947.
Hamilton, Natl. Chrysanthemum Soc. B. 3(2):5, 1947.
Smith et al., Chrysanthemum Soc. Amer. B. 15(2):5-6, 9-11, 1947.
- RHOPALOSIPHUM RUFOMACULATUM** - INSECTICIDES - DDT & PYRO-PHYLLITE
Burr, Neb. R. 59:64, 1946.
Dustan & Putman, Can. Ent. 79:216, 218-219, 1947.
- RHOPALOSIPHUM SCIRPIFOLII** Gill. & Palmer
Knowlton, Bklyn. Ent. Soc. B. 42:77, 1942.
- RHOPALOSIPHUM SEROTINAE** Oest.
Knowlton, Bklyn. Ent. Soc. B. 42:77, 1942.
- RHOPALOSIPHUM SUBTERRANEUM** Mason (BROWN COTTON ROOT APHID) (GUAYULE APHID)
Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12:463, 1946.
Zimmerman, Hawaiian Ent. Soc. P. 12:468, 1946.
- RHOBOBOTA NAEVANA** (Hbn.) (BLACK-HEADED FIREWORM)* (CRAN-BERRY FIREWORM)
Chambers, Wis. Dept. Agr. B. 274:80, 1946.
Crowley, Wash. B. 470:92-93, 1945.
Franklin, Mass. B. 436:29, 1946.
Patterson & Neary, Can. Ins. Pest Rev. 24:16, 1946.
- RHOBOBOTA VACCINIANA** (Pack.), see **RHOBOBOTA NAEVANA** (Hbn.).
- ***RHUBARB CURCULIO**, see **LIXUS CONCAVUS** Say
- RHYACIONIA** Hbn.
Afanasyev & Fenton, J. For. 45:127-128, 1945.
Annand, USDA EPQ R. f. 1945/46:16.
- RHYACIONIA BUOLIANA** (Schiff.) (EUROPEAN PINE SHOOT MOTH)*
i Boyd, N. J. Dept. Agr. C. 355 50-51, 1945.
Davis, Amer. Nurserym. 84(9):9-10, 1946.
Foss, N. Y. St. Conserv. Dept. R. 36 78, 1946.
i Westcott, Home Gard. (N. Y.) 7(2) 54-55, 1946.
Zappe et al., Conn. B. 501:39, 41, 1946.
- RHYACIONIA BUOLIANA** - CANADA
i Gryse, Can. Nature 8:83, 1946.
Kennedy, Ont. Royal Comn. For. R. f. 1947.117.
Sheppard, Can. Ins. Pest Rev. 24 51, 1946.
Watson, Can. Ins. Pest Rev. 24:64, 1946, 25:72, 1947.
Watson & MacKay, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 29, 1946.
Watson & Raizenne, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946. 34-35, 1947.
Wressell, Can. Ins. Pest Rev. 24:58, 1946.
- RHYACIONIA BUOLIANA** - PARASITES
Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:68-74, 1947.
Graham, Wilkes & Anderson, Ent. Soc. Ont. R. 77:44-45, 1947.
- RHYACIONIA FRUSTRANA** (Comst.) (NANTUCKET PINE MOTH)*
i Anderson, Tex. For. Serv. B. 35, 4 p., 1947?
i Baerg & Lincoln, Ark. Ext. C. 448: 10-11, 1947.
Bare, Neb. R. 59:61, 1946.
i Boyd, N. J. Dept. Agr. C. 355:52-53, 1945.
Craighead & Brown, USDA EPQ E-684: 8-9, 1946.
Davis, Ind. Acad. Sci. P. 56:151, 1947?
Farr, Arbor. News 11:42-43, 1946.
Fenton & Afanasyev, J. Ec. Ent. 39: 818, 1946.
Flory et al., S. C. Ext. B. 107:28, 1947. (Repr.)
- RHYACIONIA NEOMEXICANA** (Dyar)
Craighead & Brown, USDA EPQ E-684:8-9, 1946.

- RHYNCHAENUS RUFIPES** (Lec.) (WIL-
LOW FLEA WEEVIL)*
Eddy, R. I. Dept. Agr. & Conserv. R.
10:55, 1945.
- RHYNCHAGROTIS ANCHOCCLOIDES**
(Guen.) (BLUEBERRY BUDWORM)
Beckwith, N. J. Dept. Agr. C. 356:45-
46, 1945.
Beckwith, USDA FB 1951 rev.:35, 1946.
- RHYNCHITES AEENEUS** Boh. - GENITAL-
IA - MALE
i Bruhn, Great Basin Nat. 8 10-11,
1947.
- RHYNCHITES BICOLOR** (F.) (ROSE CUR-
CULIO)*
Arnason et al., Can. Ins. Pest Rev. 24.
88, 1946.
Bird, West. Can. Soc. Hort. P. 3 16,
1947.
Bird & Mitchener, Can. Ins. Pest Rev.
24:70, 1946.
Manson et al., Can. Ins. Pest Rev. 24
101, 1946, 25 109, 1947.
Peterson, Can. Ins. Pest Rev. 24 110,
1946.
Truax, N. & S. Dak. Hort. 19:48, 1946.
- RHYNCHITES BICOLOR WICKHAMII** -
GENITALIA - MALE
i Bruhn, Great Basin Nat. 8.10, 1947.
- RHYNCHOPHORA** - GENITALIS - MALE
bi Bruhn, Great Basin Nat. 8 1-35,
1947.
- RHYNCOLUS** Germ. - NORTH AMERICA
nik Buchanan, Bklyn. Ent. Soc. B. 41.
129-136, 1946.
- RHYZOPERTHA DOMINICA** (F.) (LESSER
GRAIN BORER)*
Annand, USDA EPQ R. f. 1943/44:11-12
Balzer & Cotton, USDA FB 1906 rev.
4-5, 1947.
Cotton, Pest Control & Sanit. 2(12):11-
12, 23, 1947.
i Cotton et al., USDA C. 720:2, 1945.
Holmes, Bakers' Helper 86(1072):80,
1946.
i Linsley & Michelbacher, Pest Con-
trol & Sanit. 1(10):10-11, 1946.
i Miller, Amer. Feed & Grain Dealer
30(11):8-9, 26, 1946.
Smallman, Wallerstein Lab. Commun.
8:158-159, 1945.
- RHYZOPERTHA DOMINICA** - PACKAGED
GOODS
Michelbacher, Mod. Packaging 20(5).
170, 1947.
i Verdcourt, Mod. Packaging 21(3).
153, 1947.
- RHYZOPERTHA DOMINICA** - WHEAT
(FIELD)
Dean, J. Ec. Ent. 40:751, 1946.
- RHYZOPERTHA DOMINICA** & HUMIDITY
b Birch, Ecology 28:17-25, 1947.
- RICE DWARF DISEASE**, see NEPHOTET-
TIX CINCTICEPS & RICE DWARF
DISEASE
- RICE INSECTS**
Annand, USDA EPQ R. f. 1944/45:30,
1946.
- RICE INSECTS** - STORED RICE
i Balzer & Cotton, USDA FB 1906 rev.,
24 p., 1947.
- RICE MOTH**, see CORCYRA CEPHALO-
NICA (Staint.)
- ***RICE STINKBUG**, see SOLUBEBA PUG-
NAX (F.)
- ***RICE WATER WEEVIL**, see LISSOR-
HOPTRUS SIMPLEX (Say)
- ***RICE WEEVIL**, see SITOPHILUS ORYZA
(L.)
- RICKETTSIAL DISEASE**, see INSECTS &
DISEASE - RICKETTSIAL DIS-
EASE, MITES & ANIMAL DIS-
EASE - RICKETTSIAL DISEASE
OF MOLES
- ***RING-LEGGED EARWIG**, see EUBO-
RELLIA ANNULIPES (Lucas)
- RINGSPOT VIRUS OF POISON HEM-
LOCK**, see under genera HYALOP-
TERUS, MYZUS; RHOPALOSI-
PHUM
- RIPERSIA RADICICOLA** Morr.
Barreto, Inst. Cubana de Suelos y
Abonos Inform. Téc. 5:831-833,
1946.
i Scaramuzza, in Cuba Min. Agr. Es-
tac. Expt. Caña de Azúcar (Havana),
Caña de Azúcar en Cuba:531-533,
1946.
- RIPIDIUS PECTINICORNIS** Thunb.
Van Zwaluwenburg, Hawaiian Planters'
Rec. 50:16, 1946.
Williams, Hawaiian Ent. Soc. P. 12:
485, 1946.
Williams, Hawaiian Sugar Planters'
Assoc. R. 65, Expt. Sta. R. f.
1944/45:18, 1946.
- RIVOLTASIA BIFURCATA** (Rivolta)
Bushnell & Twiehaus, Kans. B. 326
89, 1945.
- ROBBER FLIES**, see ASILIDAE
- ***ROCKY MOUNTAIN GRASSHOPPER**,
see MELANOPLUS MEXICANUS
MEXICANUS (Sauss.), MIGRATORY
PHASE
- ROCKY MOUNTAIN SPOTTED FEVER**,
see under genera AMBLYOMMA,
DERMACENTOR, HAEMAPHYS-
SALIS; RHIPICEPHALUS
- ***ROCKY MOUNTAIN WOOD TICK**, see
DERMACENTOR ANDERSONI
Stiles
- RODOLIA CARDINALIS** (Muls.) (VEDAL-
IA)*
Alden, Ga. Dept. Ent. B. 87:11, 1945;
90:7, 1947.
Berger, Fla. Grow. 54(1):14-15, 1946.
DeBach, J. Ec. Ent. 39:696-697; 821,
1946.
DeBach, Cit. Leaves 27(8):11, 32, 1947.
Essig, Cal. Dept. Agr. B. 36:102, 1947.
Lewis, Cal. Citrog. 32:33, 1946.
Moore, Cal. Citrog. 32:40, 1946.
Parker et al., Man. for Cit. Grow. ed.
3:52, 1947.
Smith, Cal. Citrog. 31:414, 1946.
- RODOLIA CARDINALIS** - LARVAE
i Rees, Pan-Pac. Ent. 23:114, 117,
1947.
- RODOLIA KOEBELEI** Horn
Essig, Cal. Dept. Agr. B. 36:102, 1947.
- ROGAS** sp.
Wilkes & Anderson, Ent. Soc. Ont. R.
77:41, 1947.

- ROMALEA MICROPTERA (Beauv.)
(EASTERN LUBBER GRASSHOP-
PER)* (LUBBERLY LOCUST)
Bratley, Fla. R. f. 1946/47:69.
Thompson, Fla. R. f. 1945/46:156.
- ROMALEA MICROPTERA - CHROMO-
SOMES
Mickey, Genetics 30(1):15, 1945. (Abs.)
bi Mickey, La. Acad. Sci. P. 9:39-56,
1945.
bi Mickey, Amer. Nat. 80:446-452,
1946.
bi Mickey, La. Acad. Sci. P. 10:49-66,
1947.
- ROMALEA MICROPTERA - PARTHENO-
GENESIS
bi Swann & Mickey, La. Acad. Sci. P.
10:73-92, 1947.
- ROMALEA MICROPTERA - VENTRICU-
LUS
bi Riedel, Ent. Soc. Amer. Ann. 39:
298-303, 1946.
- ROMALEUM ATOMARIUM (Drury), R.
CORTIPHAGUS Craig., R. RUFU-
LUM (Hald.)
Knoll, Ohio Biol. Surv. B. 39:192-193,
1946.
- ROOT MAGGOTS
Buckell, Can. Ins. Pest Rev. 24:116,
1946.
Gorham, Can. Ins. Pest Rev. 24:20,
1946.
- ROSALIA FUNEBRIS Mots.
i Hardy, Victoria Nat. 2:91, 1945.
- *ROSE APHID, see MACROSIPHUM RO-
SAE (L.)
- ROSE BUG, see MACRODACTYLUS SUB-
SPINOSUS (F.)
- *ROSE CHAFER, see MACRODACTYLUS
SUBSPINOSUS (F.)
- *ROSE CURCULIO, see RHYNCHITES
BICOLOR (F.)
- ROSE INSECTS
Andrews, Home Gard. So. 6:474, 1946.
i Cummings, Amer. Nurserym. 84(11):
16, 1946.
Kohl, Mo. Bot. Gard. B. 35:65, 67-71,
1947.
i McDaniel, Amer. Rose Ann. f. 1945:
151-154.
McDaniel, Mich. Hort. Soc. Hort.
News 11:51-53, 1945.
Miller, Amer. Rose Ann. f. 1947:110-
112.
i Parks & King, Ohio Ext. B. 76 rev.:
38-39, 1947.
Truax, N. & S. Dak. Hort. 19:48, 1946.
Watkins, Fla. Dept. Agr. B. 59:90,
1945.
i Westcott, Amer. Rose Ann. f. 1946:
136-144.
Wildon, Mich. Sp. B. 222 rev.:20-22,
1946.
- ROSE INSECTS - INSECTICIDES
Blauvelt & Hoffman, N. Y. St. Flower
Grow. B. 29:3-4, 1947.
Pirone, N. Y. Bot. Gard. J. 48:177-
180, 1947.
- *ROSE LEAF BEETLE, see NODONOTA
PUNCTICOLLIS (Say)
- ROSE LEAF ROLLERS, see PLATYNO-
TA FLAVEDANA Clem.; PLATY-
NOTA STULTANA Wlsm.
- *ROSE LEAFHOPPER, see TYPHLOCY-
BA ROSAE (L.)
- *ROSE MIDGE, see DASYNEURA RHO-
DOPHAGA (Coq.)
- ROSE SAWFLY, see ENDELOMYIA AE-
THIOPS (F.)
- *ROSE SCALE, see AULACASPIS RO-
SAE (Bouché)
- *ROSE-SLUG, see ENDELOMYIA AE-
THIOPS (F.)
- *ROSE STEM GIRDLER, see AGRILUS
RUBICOLA Abeille
- *ROSY APPLE APHID, see ANURAPHIS
ROSEUS Baker
- ROTUND TICK, see IXODES KINGI
Bishopp
- ROUGH-HEADED CORNSTALK BEETLE,
see EUETHEOLA RUGICEPS (Lec.)
- *ROUNDHEADED APPLE TREE BORER,
see SAPERDA CANDIDA F.
- RUSSIAN DANDELION INSECTS, see
KOK-SAGHYZ INSECTS
- RUST MITES, see EPITRIMERUS,
PHYLLOOPTES; VASATES
- RUST-RED FLOUR BEETLE, see TRI-
BOLIUM CASTANEUM (Hbst.)
- RUST-RED GRAIN BEETLE, see LAE-
MOPHLOEUS FERRUGINEUS
(Steph.)
- *RUSTIC BORER, see XYLOTRECHUS
COLONUS (F.)
- RUSTY-BANDED APHID, see APHIS
FERRUGINEA-STRATA Essig
- *RUSTY GRAIN BEETLE, see LAE-
MOPHLOEUS FERRUGINEUS
(Steph.)
- *RUSTY PLUM APHID, see HYSTERO-
NEURA SETARIAE (Thos.)
- *RUSTY TUSsock Moth, see NOTOLO-
PHUS ANTIQUUS (L.)
- RUTELINAE - NORTH AMERICA (EAST-
ERN)
bik Ritcher, Ky. B. 471, 19 p., 1945.
- RYE INSECTS
Knowlton, J. Ec. Ent. 40:427-428,
1947.
- SABULODES CABARATA Guen. (OM-
NIVOROUS LOOPER)
Ebeling, Cal. Ext. C. 43 rev.:47-48,
1947.
Heming, in Cal. Fuchsia Soc., A to Z
on Fuchsias:14-15, 1946.
Morrison, Cal. Dept. Agr. B. 35:137,
1946.
- SACCHAROSYDNE SACCHARIVORA
(Westw.) (WEST INDIAN SUGAR-
CANE FULGORID)
Annand, USDA EPQ R. f. 1944/45:32.
Ingram & Bynum, Sugar Bul. 23:101-
102, 1945.
Ingram et al., Sugar J. 9(11):23, 1947.
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:553, 1946.
- *SADDLEBACK CATERPILLAR, see
SIBINE STIMULEA (Clem.)

SAISSETIA HEMISPHAERICA (Targ.)
(HEMISPHERICAL SCALE)*
Cory, J. Ec. Ent. 38:395, 1945.
Cory, Amer. Orchid Soc. B. 13:376,
1945, 16:146-147, 1947.
Martorell, P. R. Univ. J. Agr. 29:400-
401, 1945.
Morrill & Otones, J. Ec. Ent. 40:599,
1947.
Morrison, Cal. Dept. Agr. B. 35 135,
1946.
SAISSETIA NIGRA (Nietn.) (NIGRA
SCALE)
Martorell, P. R. Univ. J. Agr. 29:401,
1945.
Morrill & Otones, J. Ec. Ent. 40:599,
1947.
Morrison, Cal. Dept. Agr. B. 35 135,
1946.
SAISSETIA NIGRA - PARASITES
Steinweden, Cal. Dept. Agr. B. 34 181,
1946.
SAISSETIA OLEAE (Bern.) (BLACK
SCALE)*
Condit, Cal. Ext. C. 135:31-32, 1947.
Ebeling, Cal. Ext. C. 43 rev. 51, 1947.
Martorell, P. R. Univ. J. Agr. 29:401-
403, 1945.
Morrison, Cal. Dept. Agr. B. 35 135,
1946.
Parker et al., Man. for Cit. Grow. ed.
3:43-44, 1947.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45:8, f. 1945/46
14, 18, f. 1946/47:13, 17.
Wilcomb, Cal. Cult. 93:461, 1946.
SAISSETIA OLEAE - GARDENIAS
Bourne, Mass. B. 441 33-34, 1947.
Bourne & Shaw, J. Ec. Ent. 40:429-
430, 1947.
SAISSETIA OLEAE - INSECTICIDES
Caryl & Johnston, Cal. Ext. C. 114
rev. 43-44, 1946.
Howard & Brooke, Cal. Ext. C. 117
rev. 58, 1947.
Pickett et al., Sci. Agr. 26:595, 1946.
Smith, Cal. Ext. C. 98 rev. 47, 1946.
Stafford, in Cal. Agr. Expt. Sta., In-
vest. with DDT in Cal. 1944.24, 1945.
Stafford & Hinkley, Cal. C. 365:91-93,
1946.
SAISSETIA OLEAE - INSECTICIDES -
DDT
Bourne & Whitcomb, Mass. B. 428:35,
1945.
Ortega, Cal. Citrog. 31:113, 1946.
Stafford, Cal. Olive Indus. News 2(1):
3, 1947.
Trullinger et al., USDA OES R. f.
1945/46:109, 1947.
SAISSETIA OLEAE - PARASITES
Smith, Cal. Citrog. 31:414-415, 1945,
1946.
Smith et al., Cal. Dept. Agr. B. 34:93-
94, 1945.
SAISSETIA OLEAE - REARING
bi Flanders, J. Ec. Ent. 40:747, 1947.
SAISSETIA OLEAE - RESISTANCE TO
FUMIGANTS
Quayle, Cal. Citrog. 30:98, 1945.

SALAMANDERS - INSECT FOOD, see
INSECTS AS FOOD OF SALAMAN-
DERS
SALDOIDA Osb.
bk Usinger, Bklyn. Ent. Soc. B. 40.
116-118.
SALMONELLOSIS, see INSECTS & DIS-
EASE - SALMONELLOSIS, PU-
LEX IRRITANS & SALMONELLO-
SIS
*SALT-MARSH CATERPILLAR, see ES-
TIGMENE ACREA (Drury)
*SALT-MARSH MOSQUITO, see AEDES
SOLLICITANS (Wlkr.)
SAMIA CECROPIA (L.), see HYALOPH-
ORA CECROPIA (L.)
SAMIA COLUMBIA Smith - NEW BRUNS-
WICK
Forbes, Acadian Nat. 2(7):45-47, 1946
SAMIA CYNTHIA (Drury) (CYNTHIA
MOTH)*
Ludwig, Anat. Rec. 99:669-670, 1947.
(Abs.)
bi Williams, Biol. Bul. 90 235-243,
1946.
SAMIA WALKERI Feld. & Feld., see
SAMIA CYNTHIA (Drury)
*SAN JOSE SCALE, see ASPIDIOTUS
PERNICIOSUS Comst.
SANCTANUS Ball - NORTH AMERICA
nik De Long & Hershberger, Ent. Soc.
Amer. Ann. 39 207-224, 1946.
SAND FLIES, see CULICOIDES. FLE-
BOTOMUS
SAND-FLY FEVER, see under genus
FLEBOTOMUS
*SAND WIREWORM, see HORISTONO-
TUS UHLERII Horn
SANNINOIDEA EXITIOSA (Say) (PEACH
TREE BORER)*
Hines & Murphree, Miss. Ext. C. 114
rev. 5, 1947.
Kains, Organ. Gard. 6(4) 19-20, 1945.
bi Marcovitch & Stanley, Tenn. B. 195
16-19, 1945.
Ritcher, Ky. Fruit Notes 3(3).2, 1946.
Ross, Can. Ins. Pest Rev. 24:47, 1946;
25:96, 1947.
Sanders, La. Ext. C. 259:15-17, 1946.
Slate, Conn. B. 484:64, 1945.
i Talbert, Gen. Hort.:188-189, 1946.
Wressell, Can. Ins. Pest Rev. 24:58,
1946.
SANNINOIDEA EXITIOSA - FUMIGANTS
Armstrong, Can. Dept. Agr. Div. Ent.
Processed Pub. 34,3 p., 1945.
Armstrong, Can. Hort. Grow. Ed. 68.
122, 1945.
i Baerg & Lincoln, Ark. Ext. Leaf. 91,
6 p., 1947.
Bailey, Mass. Ext. Fruit Notes, Aug.
31, 1945:6.
Bailey, Mass. B. 428:60, 1945; 436:
61, 1946.
Ferguson et al., La. Ext. B. 7:15-16,
1947. (Repr.)
Filinger, Kans. C. 235:28-29, 1946.
i Flor, Ga. Ext. B. 518 rev.:8-10, 1946
Gardner, Can. Min. Agr. R. f.
1945/46:16,70.

SANNINOIDEA EXITIOSA - FUMIGANTS
--Continued.

- Graham et al., Md. Ext. B. 105:23-24, Hibbard, Mo. St. Hort. Soc. Hort. News 5(11):4, 1946.
Hilborn et al., Maine Ext. B. 358:4, 1947.
Hines & Lyle, Miss. Ext. C. 114 rev.: 5, 1946.
Jones, Oreg. St. Hort. Soc. R. 38:10-11, 1946.
Lecrone, Okla. Ext. C. 108 rev.:19, 1946.
Lininger et al., Pa. B. 475:29, 1945.
Lyle, Miss. Farm Res. 8(9):8, 1945; 10(11):1,8, 1947.
McDaniel, Tenn. Hort., Sept. 1945:1-2.
McDaniel, Tenn. Hort. 25(9):1, 1947.
Martin, N. J. R. 67:44, 1947?
Neiswander, Ohio B. 659:108-109, 1945.
i Powell et al., Ill. Ext. C. 568 rev.: 19, 1946; 610:19, 1947.
i Ragland & Overcash, Miss. Farm Res. 10(12):6-7, 1947.
Rice & Wolfenbarger, Del. B. 259:20, 1945.
Sherwood, W. Va. Ext. C. 320 rev.:63-65, 1946.
i Snapp, Amer. Fruit Grow. 67(2):7, 1946.
i Steiner, Pa. B. 480 sup. 1:6-7, 1946.
Steiner, Hoosier Hort. 29:15-16, 1947.
i Talbert, Mo. B. 509:27-29, 1947.
Williams, Conn. Ext. B. 377:26, 1946.
Va. Ext. B. 131 rev.:22-24, 1947.
SANNINOIDEA EXITIOSA - FUMIGANTS, see also **SANNINOIDEA EXITIOSA - SOIL TREATMENT**
SANNINOIDEA EXITIOSA - FUMIGANTS - DICHLOROPROPANE
Annand, USDA EPQ R. f. 1944/45:20.
Niven, Prog. Farm. Miss.-Ark.-La. Ed. 61(2):22, 1946.
Snapp, J. Ec. Ent. 38:419-422; Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:97, 1945. (Abs.)
Snapp, USDA EPQ E-676, 3 p., 1945.
Snapp, Tenn. St. Hort. Soc. P. 41:32-33, 1947.
SANNINOIDEA EXITIOSA - FUMIGANTS - ETHYLENE DICHLORIDE
Gardiner, Can. Min. Agr. R. f. 1944/45:59.
Smith, J. Ec. Ent. 38:500-501, 1945.
SANNINOIDEA EXITIOSA - FUMIGANTS - PARADICHLOROBENZENE
i Davis, Ind. Ext. Leaf. 121 rev.:4 p., 1947.
i King, Mich. Ext. Folder F-87, 4 p., 1945.
Smith, J. Ec. Ent. 38:500-501, 1945.
Van Dine, USDA Agr. Res. Adm. R.A.S. 14(E), 2 p., 1945.
Watson, Fla. Grow. 54(1):14, 1946.
SANNINOIDEA EXITIOSA - INSECTICIDES
Hutson, Mich. St. Hort. Soc. R. 75:59-60, 1946.
Steiner, Mountaineer Grow. 16(161):8-9, 1946.

SANNINOIDEA EXITIOSA - NURSERIES
Wallace, Conn. B. 501:83-89, 1946.

SANNINOIDEA EXITIOSA - SOIL TREATMENT

- i Graham et al., Md. Ext. B. 112:31-33, 1946.
Rasmussen et al., Mich. Ext. B. 154 rev.:44, 1945; rev.:47, 1946.
bi Rice & MacCreary, Del. B. 261, 21 p., 1946.
i Rosborough et al., Tex. Ext. B. 73 rev.:14-15, 1947.
Steiner, Pa. St. Hort. Assoc. P. 87: 41-42, 90-91, 1946.
i Ohio B. 655:56-59, 1945; 670:56-59, 1947.
SANNINOIDEA EXITIOSA - SPRAYS
Annand, USDA EPQ R. f. 1946/47:12.
Baver, N. C. R. 68:65, 1945; 69:78, 80, 1946.
Chandler, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:57, 1947.
Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23. [19], 1946.
Slate, Conn. R. f. 1944/45:22.
SANNINOIDEA EXITIOSA - SPRAYS - DDT
Bobb, Va. R. f. 1946/47:30.
Driggers, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:58-59, 1947.
Flemang, USDA EPQ E-724:12, 1947.
Lininger et al., Pa. B. 480:39-40, 1946.
Pepper, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [17], 1946.
Smith, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [20], 1946.
Snapp, Amer. Fruit Grow. 66(2).24, 1946.
SANNINOIDEA EXITIOSA - SPRAYS - DDT & OIL (SUMMER)
Chandler, Ill. St. Hort. Soc. Trans. 80 270-271, 1947.
SANNINOIDEA EXITIOSA & CANKER OF PEACH
Hildebrand, N. Y. (C.) M. 276:45, 1947.
SANNINOIDEA EXITIOSA GRAEFI (Hv. Edw.) (WESTERN PEACH TREE BORER)* (PACIFIC PEACH BORER)
Childs et al., Oreg. Ext. B. 664:5, 1946.
Howard & Brooks, Cal. Ext. C. 117 rev.:63, 1947.
Marshall, Can. Ins. Pest Rev. 25:96, 1947.
Smith, Cal. Ext. C. 98 rev.:48-49, 1946; 103 rev.:70-71, 1947.
i Smith, Cal. Ext. C. 46 rev.:43, 1947.
SANNINOIDEA PICTIPES (Grote & Rob.), see SYNANTHEDON PICTIPES (Grote & Rob.)
SAPERDA sp. & DUTCH ELM DISEASE
Pomerleau, Quebec Min. Terres & For. R. Gén. Trav. Effectués sur la Mal Hollandaise de l'Orme dans Prov. Quebec 1945:13.
SAPERDA CALCARATA Say (POPLAR BORER)*
i Boyd, N. J. Dept. Agr. C. 355:124-125, 1945.

- SAPERDA CALCARATA--Continued.
 Knull, Ohio Biol. Surv. B. 39:269-270, 1946.
 McGuffin & Barker, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 58, 1947.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:54, 1945; f. 1945:55, 1946.
 Peterson, Can. Ins. Pest Rev. 24:108-109, 1946.
 Peterson & Hammond, Can. Ins. Pest Rev. 25:77, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:68, 1947.
- SAPERDA CANDIDA F. (ROUNDHEADED APPLE TREE BORER)*
 i Boyd, N. J. Dept. Agr. C. 355:125-127, 1945.
 Dewey, N. Y. St. Hort. Soc. P. 92:58, 1947.
 Filinger, Kans. C. 235:17, 1946.
 Firor, Ga. Ext. B. 518 rev.:14, 1946.
 Herrick, Iowa St. Hort. Soc. Trans. 82:60-61, 1947.
 Hilborn et al., Maine Ext. B. 358 4, 1947.
 Knull, Ohio Biol. Surv. B. 39:269, 1946.
 i Lathrop, Maine Ext. B. 274 rev.:3-5, 17, 1945.
 Mills & Dewey, N. Y. (C.) Ext. B. 711 44-45, 1947.
 Powell et al., Ill. Ext. C. 568 rev. 6, 1946. 610:6, 19-20, 1947.
 Talbert, Gen. Hort. 186-187, 1946.
 Ohio B. 655:55, 1945. 670:55, 1947.
- SAPERDA CANDIDA - CANADA
 Gardiner, Can. Min. Agr. R. f. 1946/47:84.
 Gauthier, Can. Ins. Pest Rev. 24:30, 1946.
 Gauthier & Maxwell, Can. Ins. Pest Rev. 25:90, 1947.
 Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:19, 1945.
 Maxwell, Can. Ins. Pest Rev. 24:23, 1946.
 Petch, Can. Dept. Agr. Div. Ent. Processed Pub. 57:3 p., 1946.
- SAPERDA CONCOLOR Lec.
 Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945: 24, 1946.
 Knull, Ohio Biol. Surv. B. 39:273-274, 1946.
- SAPERDA CRETATA Newm. 270, S. DISCOIDEA F. 271, S. FAYI Bland 272, S. IMITANS Felt & Jout. 271, S. LATERALIS F. 272, S. MUTICA Say 268, S. OBLIQUA Say 268, S. PUNCTICOLLIS Say 273
 Knull, Ohio Biol. Surv. B. 39: 1946.
- SAPERDA TRIDENTATA Oliv. (ELM BORER)*
 i Boyd, N. J. Dept. Agr. C. 355:127-128, 1945.
 Filmer, Home Gard. (N. Y.) 6(3):95, 1945.
 Knull, Ohio Biol. Surv. B. 39:270, 1946.
 Wallace, Conn. B. 488:370, 1945.
- SAPERDA TRIDENTATA & DUTCH ELM DISEASE
 Daviault, Quebec Min. Lands & For. R. f. 1944/45:115, 1946.
 Zappe, Conn. B. 488:323, 1945.
- SAPERDA VESTITA Say (LINDEN BORER)*
 i Boyd, N. J. Dept. Agr. C. 355:129, 1945.
 Gauthier, Can. Ins. Pest Rev. 24:33, 1946. 25:60, 1947.
 Knull, Ohio Biol. Surv. B. 39:271, 1946.
- SAPRINUS sp.
 Fautin, Ecol. Monog. 16:270, 1946.
- SAPYGIDAE - NOMENCLATURE - GENERA
 Pate, Ent. News 57:219-221, 1946.
- *SARATOGA SPITTLEBUG, see APHROPHORA SARATOGENSIS (Fitch)
- SARCOPHAGA Meig.
 Buckell, Can. Ins. Pest Rev. 24:115, 1946.
- SARCOPHAGA & MYIASIS
 b Lyon & Mizelle, Ann. Int. Med. 22 128-130, 1945.
- SARCOPHAGA sp.
 Tissot, Fla. R. f. 1944/45:64.
 Yust, J. Ec. Ent. 40:765, 1947.
- SARCOPHAGA sp. & ATMOSPHERIC PRESSURE
 Wellington, Can. J. Res. Sect. D 24 105-117, 1946.
- SARCOPHAGA ALBICEPS Meig. & MYIASIS
 Taylor, USDA Misc. Pub. 631 56, 1947.
- SARCOPHAGA ALDRICHI Park.
 Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit. Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:66-67, 1947.
- Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946 9, 1947.
- SARCOPHAGA ATLANTIS Aid.
 Smith, Quebec Soc. Protect. Plants R. 29:115, 1945?
- SARCOPHAGA BARBATA Thoms. & MYIASIS
 James, USDA Misc. Pub. 631:54, 1947.
- SARCOPHAGA BECKERI Villen. & MYIASIS
 James, USDA Misc. Pub. 631:57, 1947.
- SARCOPHAGA BULLATA Park.
 Shaw & Bourne, J. Ec. Ent. 39 543, 1946.
- SARCOPHAGA BULLATA & MYIASIS
 James, USDA Misc. Pub. 631:54, 1947.
- SARCOPHAGA BULLATA & POLIOMYELITIS
 Melnick & Penner, Soc. Expt. Biol. & Med. P. 65:342-346, 1947.
- SARCOPHAGA CARNARIA (L.) & MYIASIS
 James, USDA Misc. Pub. 631:56, 1947.
- SARCOPHAGA CHRYSOSTOMA Wied. & MYIASIS
 James, USDA Misc. Pub. 631:52, 1947.
- SARCOPHAGA COOLEYI Park. & MYIASIS
 James, USDA Misc. Pub. 631:54, 1947.

- SARCOPHAGA CRASSIPALPIS** Macq. & MYIASIS
i James, USDA Misc. Pub. 631:53-54, 1947.
- SARCOPHAGA FERTONI** Villen. & MYIASIS
James, USDA Misc. Pub. 631:55, 1947.
- SARCOPHAGA FROGGATTI** Taylor & MYIASIS
James, USDA Misc. Pub. 631:56, 1947.
- SARCOPHAGA HAEMORRHODALIS** (Fall.) (RED-TAILED FLESH FLY) & MYIASIS
i James, USDA Misc. Pub. 631:49-50, 1947.
- SARCOPHAGA HELICIS** Towns., see **SARCOPHAGA RAPAX** Wlkr.
- SARCOPHAGA HIRTIPIES** Wied. & MYIASIS
James, USDA Misc. Pub. 631:56-57, 1947.
- SARCOPHAGA KELLYI** Ald. (GRASSHOPPER MAGGOT)*
Twinn, Can. Ins. Pest Rev. 23:2, 1945.
- SARCOPHAGA LAMBENS** Wied.
Madden & Chamberlin, USDA TB 896: 46, 1945.
Plank, Asoc. Téc. Azúc. Cuba. B. Ofic. 4:355, 1945.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:546,549, 1946.
- SARCOPHAGA LAMBENS** & MYIASIS
James, USDA Misc. Pub. 631:52, 1947.
- SARCOPHAGA LHERMINIERI** (Rob.-Desv.) & MYIASIS
James, USDA Misc. Pub. 631:48, 1947.
- SARCOPHAGA MELANURA** Meig. - MASSACHUSETTS
Shaw & Bourne, J. Ec. Ent. 39:543, 1946.
- SARCOPHAGA MISERA** Wlkr. & MYIASIS
James, USDA Misc. Pub. 631:52-53, 1947.
- SARCOPHAGA NODOSA** Engel & MYIASIS
James, USDA Misc. Pub. 631:55-56, 1947.
- SARCOPHAGA PEREGRINA** Rob.-Desv.
Tanada et al., Hawail R. f. 1944/46:71, 73, 1947.
- SARCOPHAGA PEREGRINA** & MYIASIS
James, USDA Misc. Pub. 631:55, 1947.
- SARCOPHAGA PLACIDA** Ald. & MYIASIS
James, USDA Misc. Pub. 631:51, 1947.
- SARCOPHAGA PLINTHOPYGA** Wied. & MYIASIS
i James, USDA Misc. Pub. 631:51-52, 1947.
- SARCOPHAGA RAPAX** Wlkr.
Leech, Can. Ent. 79:141, 1947.
Madden & Chamberlin, USDA TB 896: 46,48, 1945.
Plank, Asoc. Téc. Azúc. Cuba. B. Ofic. 4:355, 1945.
- SARCOPHAGA RUFICORNIS** (F.) & MYIASIS
James, USDA Misc. Pub. 631:55, 1947.
- SARCOPHAGA SARRACENIAE** Riley & MYIASIS
James, USDA Misc. Pub. 631:48, 1947.
- SARCOPHAGA SARRACENIOIDES** Ald.
James & Maslin, Wash. Acad. Sci. J. 37:366-367, 1947.
Madden & Chamberlin, USDA TB 896: 46, 1945.
- SARCOPHAGA STERNODONTIS** Towns., see **SARCOPHAGA LAMBENS** Wied
- SARCOPHAGA STRIATA** (F.) & MYIASIS
James, USDA Misc. Pub. 631:55, 1947.
- SARCOPHAGA THYCEAE** Reinh.
n Reinhard, Pan-Pac. Ent. 21(1):11-13, 1945.
- SARCOPHAGA TUBEROSA** Pand.
La Rivers, Amer. Mid. Nat. 33:750, 1945.
- SARCOPHAGIDAE**
Buckell & Spencer, B. C. Ent. Soc. P. 42:6, 1945.
- SARCOPHAGIDAE & MYIASIS**
bik James, USDA Misc. Pub. 631:34-57, 1947.
- SARCOPHAGINAE**
ni Reinhard, Kans. Ent. Soc. J. 20:95-126, 1947.
- SARCOPTES SCABIEI** (Deg.) (ITCH MITE)* (SARCOPTIC MANGE MITE)
i Baker, N. Y. St. Vet. Col. Vet. Expt. Sta. Parasit. Lab., Barn Itch:16-17, 1946.
Bolton, Hygeia 25:364-365,404, 1947.
i Cameron, Parasites of Man ed. 2. 120-125, 1946.
i Coffin, Man. Vet. Clin. Path. rev.: 60, 1945.
Cutter, Pests 13(1):12, 1945.
b Eddy, J. Invest. Dermat. 7:85-91, 1946.
bi Hand, U. S. Nav. Med. B. 46:834-844, 1946.
Hand, Mich. Med. Soc. J. 46:817, 1947.
Lubowe, Mil. Surg. 97:225-227, 1945.
Moore, Amer. Vet. Med. Assoc. J. 108: 162, 1946.
i Muma, Neb. Ext. C. 1548 rev.:2-4, 1947.
i Olson, Pest Control & Sanit. 1(4):25, 27, 1946.
b Roark, USDA EPQ E-655:11, 1945.
b Robinson & Robinson, South. Med. J. 40:1010-1013, 1947.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:51,58, 1946.
- SARCOPTES SCABIEI BOVIS** Hering
i Baker, N. Y. St. Vet. Col. Vet. Expt. Sta. Parasit. Lab., Barn Itch:8-14, 1946.
i Baker, Amer. Vet. Med. Assoc. J. 110:378-381, 1947.
Baker, U. S. Livestock Sanit. Assoc. P. 50:86-90, 1947.
i Howe, N. Y. Dept. Agr. & Mkts. R. f. 1946/47:15-20.
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:257, 1945.
- SARCOPTES SCABIEI CANIS** (Gerl.)
bi Gonzales Alvarez, Vet. Med. 42: 414-417, 1947.
- SARCOPTES SCABIEI CUNICULI** (Neum.) see **NOTOEDRES CUNICULI** (Gerl.)

- SARCOPTES SCABIEI OVIS** Mégn.
Baker, Mangt. & Feeding Sheep:225-226, 1947.
- SARCOPTES SCABIEI SUI** (Gerl.) (HOG MANGE MITE)
Hanson, Berkshire News 12(9):4,19, 1947.
b Hixson & Muma, J. Ec. Ent. 40:451, 1947.
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:358-359, 1945.
- SARCOPTIC MANGE MITE**, see **SARCOPTES SCABIEI** (Deg.)
- SAROPOGON DISPAR** Coq. - **PREY**
Alex, Bklyn. Ent. Soc. B. 42:170-172, 1947.
- SAROSESTHES FULMINANS** (F.)
i Knoll, Ohio Biol. Surv. B. 39:215, 1946.
- SATHROPHYLLIA RUGOSA** (L.) - **COL-OR** - **PROTECTIVE**
i Jellison, Ent. Soc. Amer. Ann. 38:412-413, 1945.
- ***SATIN MOTH**, see **STILPNOTIA SALICIS** (L.)
- SATURNIIDAE**
Tilden, Pan-Pac. Ent. 21 32-33, 1945.
- SATURNIOIDEA** - **PENNSYLVANIA** (Berks Co.)
i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2,12 p., 1945.
- SAVIUS JURGIOSUS** (Stal)
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):4.
- ***SAW-TOOTHED GRAIN BEETLE**, see **ORYZAEPHILUS SURINAMENSIS** (L.)
- SAWFLIES**, see **SYMPHYTA**, **TENTHREDINIDAE**
- SAWYER BEETLES**, see **MONOCHAMUS** Guér.
- ***SAY BLISTER BEETLE**, see **POMPHOPOEA SAYI** (Lec.)
- SAY GRAIN BUG**, see **CHLOROCHROA SAYI** Stal
- ***SAY STINK BUG**, see **CHLOROCHROA SAYI** Stal
- ***SCAB MITE**, see **PSOROPTES EQUI** Gerv.
- SCABIES**
Annand, USDA EPQ R. f. 1945/46:14.
Baker, U. S. Livestock Sanit. Assoc. P. 50:86-87,90, 1947.
Bolton, Hygeia 25:364-365,404, 1947.
Hand, Mich. Med. Soc. J. 46:817, 1947.
b Libmann, Mil. Surg. 99:116-126, 1946.
Sievers, Ill. Health Messenger 18:13, 15, 1946.
Taggart, Cornell Vet. 36:165, 1946.
- SCABIES - DIAGNOSIS**
bi Hand, U. S. Nav. Med. B. 46:834-844, 1946.
- SCABIES - PREPARATIONS**
Finkle, U. S. Army Med. Dept. Bul. 7. 1049-1050, 1947.
i Muma, Neb. Ext. C. 1548 rev.:2-4, 1947.
b Roark, USDA EPQ E-655:9-12, 1945.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:51,58, 1946.
- SCABIES - PREPARATIONS - BENZYL BENZOATE**
Daughtry, Amer. Med. Assoc. J. 127 88-89, 1945.
Franks, Arch. Dermat. & Syph. 53:481-482, 1946.
b Graham & Kuizenga, J. Pharm. & Expt. Ther. 84:358-362, 1945.
b Hanfling & Goldbloom, N. Y. St. J. Med. 46:1125-1126, 1946.
Libmann, Mil. Surg. 99:119, 1946.
Milks, Pract. Vet. Pharm. Mater. Med. & Ther. ed. 5 rev., Addenda 21, 1946.
Simmons, Adv. Int. Med. 2:241,259, 1947.
U. S. Army Med. Dept. Bul. 89:19-20, 1945.
- SCABIES - PREPARATIONS - BENZYL BENZOATE**, see also **SCABIES - PREPARATIONS - TYROTHRICIN & BENZYL BENZOATE**
- SCABIES - PREPARATIONS - CHLORODIMETHYLPHENYL HYDROGEN DI-CAMPHORATE & PHENYLPHENOL (ZYCLOPHEN)**
b McElhenney, J. Ped. 29:189-191, 1946.
- SCABIES - PREPARATIONS - DDT**
Libmann, Mil. Surg. 99:119-120,122, 125-126, 1946.
- SCABIES - PREPARATIONS - DDT & BENZYL BENZOATE**
Franks, Arch. Dermat. & Syph. 53. 481-482, 1946.
- SCABIES - PREPARATIONS - DDT & BENZYL BENZOATE & BENZOCAINE (NBIN)**
b Carpenter et al., J. Invest. Dermat. 7:93-98, 1946.
b Eddy, J. Invest. Dermat. 7 85-91, 1946.
- SCABIES - PREPARATIONS - DERRIS**
Cutter, Pests 13(1):12, 1945.
- SCABIES - PREPARATIONS - NBIN FORMULA**, see **DDT & BENZYL BENZOATE & BENZOCAINE (NBIN)**
- SCABIES - PREPARATIONS - SULFUR**
Libmann, Mil. Surg. 99:119, 1946.
- SCABIES - PREPARATIONS - TYROTHRICIN & BENZYL BENZOATE**
b Robinson & Robinson, South. Med. J. 40:1010-1013, 1947.
- SCABIES - PREPARATIONS - ZYCLOPHEN**, see **SCABIES - PREPARATIONS - CHLORODIMETHYLPHENYL HYDROGEN DI-CAMPHORATE & PHENYLPHENOL (ZYCLOPHEN)**
- SCABIES - TREATMENT**
Rubin & Blank, Mil. Surg. 96:271-273, 1945.
- SCALE INSECTS**
Baerg & Lincoln, Ark. Ext. C. 448:14-15, 1947.
Chandler, Ill. St. Hort. Soc. Trans. 80:138-139, 1947.
i Fullaway & Krauss, Common Insects of Hawaii:65-69, 1945.

.SCALE INSECTS--Continued.

- Gardiner, Can. Min. Agr. R. f. 1944/45:71.
 i Holley, N. H. B. 359:11-12, 1945.
 Lyle, Miss. Inform. Sheet 344:1-2, 1945.
 Moore, Cal. Cult. 92:122, 1945.
 i Osorio, Control de Plagas 8 [i.e. 7]: 65-67, 82-83, 1945.
 Pedrosa Puertas, Asoc. Téc. Azúc. Cuba B. Ofic. 5.360, 1946.
 Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46:10.
 i Westcott, Home Gard. (N. Y.) 7(2): 51-53, 1946.
 SCALE INSECTS, see also ANTS & SCALE INSECTS, COCCIDAE
 SCALE INSECTS - CAMELLIA
 English, Amer. Camellia YB 1:31-35, 1946.
 SCALE INSECTS - DISEASES, FUNGUS
 i Couch, Elisha Mitchell Sci. Soc. J. 62:87-94, 1946.
 Fisher, Fla. R. f. 1946/47:162.
 SCALE INSECTS - FOOD & HOST PLANTS
 Swezey, Hawaiian Ent. Soc. P. 12:374-390, 1945.
 SCALE INSECTS - FUMIGANTS
 i Langhorst, Agr. Chem. 2(4):30-33, 69, 71, 73-74, 1947.
 SCALE INSECTS - HOUSE PLANTS
 Godfrey, Can. Dept. Agr. Pub. 798 (FB 145):12-13, 1947.
 SCALE INSECTS - INSECTICIDES
 Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:86-88, 1947.
 SCALE INSECTS - ORCHIDS
 Cory, Amer. Orchid Soc. B. 13:375-376, 1945.
 Steinweden, Orchid Digest 9:264-266, 1945.
 SCALE INSECTS - SPRAYS
 Cleveland, West. Colo. Hort. Soc. Trans. f. 1944:32, 37, 1945.
 Edmondson, Wyo. Ext. C. 58 rev.:32, 1945.
 Farrar, Arbor. News 11:42, 1946.
 Lyle, Miss. Farm Res. 8(6):2, 8, 1945.
 bi Redd, Fla. St. Hort. Soc. P. 58:108-116, 1945.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:15, 1945.
 Smith, Cal. Ext. C. 46 rev.:42, 1947.
 Thompson & Sites, Fla. St. Hort. Soc. P. 58:116-123, 1945.
 Webster et al., Wash. B. 470:37, 1945.
 SCALE INSECTS - SPRAYS - DDT
 Annand, USDA EPQ R. f. 1945/46:3.
 Baker & Porter, USDA EPQ E-637:6, 1945.
 Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:22-24, 1945.
 *SCALY-LEG MITE, see CNEMIDOCOP-
 TES MUTANS (Robin & Lanq.)
 SCAMBUS sp.
 Wilkes & Anderson, Ent. Soc. Ont. R. 77:41, 1947.
 SCAMBUS sp., probably ALBORICTA (Cress.)
 Wilkes & Anderson, Ent. Soc. Ont. R. 77: 41, 1947.

SCAMBUS APLOPAPPI (Ashm.)

- Baker & Doucette, Wash. B. 470:149, 1945.
 SCAMBUS CONQUISITOR Say, see ITO-
 PLECTIS CONQUISITOR (Say)
 SCAMBUS HISPÆ (Harr.)
 Adrien Robert, Frère, Quebec Soc. Protect. Plants R. 30:122, 1947.
 Baker & Doucette, Wash. B. 470:149, 1945.
 Beacher, Ent. Soc. Amer. Ann. 40: 533, 535-536, 539, 543, 1947.
 Coppel, Ent. Soc. Ont. R. 77:40, 1947.
 Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Para- sites:75-77, 1947.
 Wilkes & Anderson, Ent. Soc. Ont. R. 77:43, 1947.
 SCAMBUS INDAGATRIX (Cress.), see SCAMBUS HISPÆ (Harr.)
 SCAMBUS INDIGATOR, misspelling for S. INDAGATRIX (Cress.), see SCAM- BUS HISPÆ (Harr.)
 SCAMBUS PTEROPHORI (Ashm.)
 Baker & Doucette, Wash. B. 470:149, 1945.
 SCAPHINOTUS INTERRUPTUS (Ménét.) - PREY - MOLLUSKS
 Ingram, South. Cal. Acad. Sci. B. 45: 34-36, 1946.
 SCAPHYTOPIINI - AMERICA NORTH OF MEXICO
 bik Hepner, Kans. Univ. Sci. B. 31 pt. 2:413-541, 1947.
 SCAPHYTOPIUS Ball
 ni DeLong, Ohio J. Sci. 45:22-28, 1945
 n Hepner, Kans. Ent. Soc. J. 19:87-109, 1946.
 SCAPHYTOPIUS ACUTUS (Say)
 i DeLong & Severin, Hilgardia 17:527-528, 1947.
 SCAPHYTOPIUS ACUTUS & WITCHES' BROOM OF ALFALFA
 Menzies, Phytopathology 36:771-774, 1946.
 SCAPHYTOPIUS DUBIUS (Van D.)
 i DeLong & Severin, Hilgardia 17:530-531, 1947.
 SCAPHYTOPIUS DUBIUS & CALIFORNIA ASTER YELLOW
 i Severin, Hilgardia 17:513-514, 523, 1947.
 SCAPHYTOPIUS HELDORANUS (Ball)
 Romney, J. Ec. Ent. 39:671, 1946.
 SCAPHYTOPIUS IRRORATUS
 i DeLong & Severin, Hilgardia 17:527-529, 1947.
 Severin, Hilgardia 17:123-124, 1946.
 SCAPHYTOPIUS IRRORATUS - FEED- ING - EFFECT ON PLANTS
 Severin, Hilgardia 17:221, 1947.
 SCAPHYTOPIUS IRRORATUS & CALI- FORNIA ASTER YELLOW
 i Severin, Hilgardia 17:221; 511-513, 523, 1947.
 SCAPTERISCUS ACLETUS Rehn & Heb. (SOUTHERN MOLE CRICKET)*
 Garner, Prod. of Tob.:291-292, 1946.
 Hayslip & Forsee, Fla. St. Hort. Soc. P. 60:154, 1947.
 Kelsheimer, Fla. R. f. 1944/45:119.

- SCAPTERISCUS ACLETUS--Continued.
 1 Kelsheimer, Fla. B. 434,19 p., 1947.
- SCAPTERISCUS ACLETUS - REPEL-
 LENTS
 Kelsheimer, Fla. PB 611,4 p., 1945.
- SCAPTERISCUS VICINUS Scudd.
 (CHANGA)* (PUERTO RICAN
 MOLE CRICKET)
 Bruce, J. Ec. Ent. 39:662-663, 1946.
 Garner, Prod. of Tob. 291-292, 1946.
 Hayslip & Forsee, Fla. St. Hort. Soc.
 P. 60-154, 1947.
 Kelsheimer, Fla. R. f. 1944/45 119,
 f. 1946/47:125-126.
 Caribbean Res. Council, Com. Agr.,
 Nutr., Fisheries & For. Crop Inq.
 Ser. 4 75, 1947.
- SCAPTERISCUS VICINUS - REPEL-
 LENTS
 Kelsheimer, Fla. PB 611,4 p., 1945.
- SCAPTOMYZA GRAMINUM (Fall.)
 b Stalker, Genetics 30 266-279, 1945.
- SCARABAEIDAE
 Chapin, Biol. Soc. Wash. P. 59 79-80,
 1946.
 Cooper, Ky. R. 59 37, 1947.
 Peterson, Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1945-58, 1946.
 n Robinson, Amer. Ent. Soc. Trans.
 72:49-59, 1946.
- SCARABAEIDAE - LAWNS
 Ahlgren, N. J. B. 724.23-24, 1946.
- SCARABAEOIDFA - LARVAE - GASTRIC
 CAECA
 1 Rapp, Can. Ent. 79:145-147, 1947.
- SCATOPE FUSCIPES Meig.
 Wirth, Hawaiian Ent. Soc. P. 13 7,
 1947.
- SCELIPHON CAEMENTARIUM (Drury)
 Baerg, Conn. Acad. Arts & Sci. Trans.
 36:103, 1945.
 Bird & Mitchener, Can. Ins. Pest Rev.
 24:73, 1946.
 Linsley, Pests 14(7).10,12,14,16, 1946.
 bi Muma & Jeffers, Ent. Soc. Amer.
 Ann. 38:245-255, 1945.
 Pemberton, Hawaiian Planters' Rec.
 50:129-140, 1946.
- SCELIPHON SERVILLEI (Lep.), see
 SCELIPHON CAEMENTARIUM
 (Drury)
- SCENOPINUS Latr., see OMPHRALE
 Meig.
- SCENOPINUS FENESTRALIS (L.), see
 OMPHRALE FENESTRALE (L.)
- SCHELOBATES LAEVIGATUS Koch &
 TAPEWORM OF SHEEP
 Simms, USDA BAI R. f. 1946/47:55.
- SCHISTOCERCA Stål - MEXICO
 Coronado Padilla et al., Conf. Inter-
 amer. Agr. Com. Perm., Mexico 2
 (1942) Sec. 3A:14-15, 1944.
- SCHISTOCERCA AMERICANA (Drury)
 (AMERICAN GRASSHOPPER)*
 Bratley, Fla. R. f. 1946/47:69.
 Drake & Tauber, Iowa Dept. Agr. YB
 46:193-194, 1946.
 Griffiths & Thompson, Cit. Indus. 28
 (8):3-4,18, 1947.
 Griffiths et al., Fla. St. Hort. Soc. P.
 60:80-86, 1947.
 Thompson, Fla. R. f. 1946/47:157.
- SCHISTOCERCA CANCELLATA (Serv.)
 Gomez, Fitófilo 4:136-137, 1945.
 Parker, USDA EPQ E-734:2-14, 1947.
 Uvarov, Smithsn. Inst. R. f. 1944 332,
 1945.
- SCHISTOCERCA GREGARIA (Forsk.)
 Parker, USDA EPQ E-734:5,13, 1947.
 Uvarov, Smithsn. Inst. R. f. 1944 332,
 1945.
- SCHISTOCERCA PALLENS (Thunb.)
 Bruner, Control de Plagas 9 7, 1947.
 1 Scaramuzza, in Cuba Min. Agr.
 Estac. Expt. Caña de Azúcar
 (Havana), Caña de Azúcar en Cuba
 549,556, 1946.
- SCHISTOCERCA PARANENSIS (Burm.),
see SCHISTOCERCA CANCELLATA
 (Serv.)
- SCHIZOLACHNUS PINI-RADIATAE
 (David.)
 Knowlton, Bklyn. Ent. Soc. B. 42 62,
 1947.
- SCHIZOPUS Lec. - CALIFORNIA
 Tilden, Pan-Pac. Ent. 22 60, 1946.
- SCHIZOTETRANYCHUS sp.
 Myers, USDA EPQ Ins. Pest Surv. Sp.
 Sup. (1947, No. 2):7.
- SCHIZOTETRANYCHUS CELARIUS
 (Banks)
 Myers, USDA EPQ Ins. Pest Surv. Sp.
 Sup. (1947, No. 2) 7.
- SCHIZOTETRANYCHUS LATITARSUS
 Ewing, see SCHIZOTETRANYCHUS
 CELARIUS (Banks)
- SCHIZURA CONCINNA (Abbott & Smith)
 (RED-HUMPED CATERPILLAR)*
 1 Boyd, N. J. Dept. Agr. C. 355:54-55,
 1945.
 Howard & Brooks, Cal. Ext. C. 117
 rev.35, 1947.
 Lamiman & Smith, Cal. Ext. C. 103
 rev.71, 1947.
 Lathrop, Maine Ext. B. 274 rev.,14,18,
 1945.
 Mills & Dewey, N. Y. (C.) Ext. B. 711:
 46, 1947.
 Smith, Cal. Ext. C. 98 rev.:48, 1946.
 Smith, Cal. Ext. C. 46 rev.:42, 1947.
- SCHIZURA CONCINNA - CANADA
 Atwood, Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1944.34, 1945.
 Neary, N. S. Fruit Grow. Assoc. R.
 82:35, 1945; 83:23, 1946; 84:114,
 1947.
 Patterson & Neary, Can. Ins. Pest
 Rev. 24:16, 1946.
 Peterson, Can. Ins. Pest Rev. 25:90,
 1947.
 Watson & MacKay, Can. Dept. Agr.
 Div. Ent. For. Ins. Surv. R. f. 1945.
 32, 1946.
- SCHONGASTIA BLESTOWEI Gunth.
 Bushland, Amer. J. Hyg. 43:231-247,
 1946.
 b Bushland, J. Ec. Ent. 39:344-347,
 1946.
- SCHONGASTIA PUSILLA Worm.
 Bushland, Amer. J. Hyg. 43:221-222,
 229,231-247, 1946.
 b Bushland, J. Ec. Ent. 39:344-347,
 1946.

- SCIAPHILA DUPLEX (Wism.) (POPLAR LEAF ROLLER)
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:30, 1945.
Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:37, 1946.
Bradley, Can. Ins. Pest Rev. 24:62, 1946.
- SCIARA Meig., see LYCORIA Meig.
- SCIARIDAE, see LYCORIINAE
- SCIENCE - HISTORY - BIBLIOGRAPHY
Geiser & Geiser, South. Methodist Univ. Studies 1,35 p., Field & Lab. 15:71-103, 1947.
- SCIENTIFIC SOCIETIES - AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE - WASHINGTON OFFICE
i Campbell, Sci. Month. 62:127-130, 1946.
- SCIRTOTHRIPS CITRI (Moult.) (CITRUS THRIPS)*
Flock, Ariz. St. Ent. R. f. 1944:18, 1945.
Parker, Ariz. St. Ent. R. f. 1946/47. 27.
Persing, Cit. Leaves 25(3):9, 1945.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:8; f. 1945/46. 14; f. 1946/47.13.
- SCIRTOTHRIPS CITRI - IDENTIFICATION
i McGregor, Cal. Fruit Grow. Exch. Pest Control C. 136:4; Cal. Citrog. 31:261, 1946.
- SCIRTOTHRIPS CITRI - INSECTICIDES
Caryl & Johnston, Cal. Ext. C. 114 rev.:44, 1946.
i Parker et al., Man. for Cit. Grow. ed. 3:49-51, 1947.
Persing, Cal. Citrog. 30:144, 1945.
- SCIRTOTHRIPS CITRI - INSECTICIDES - DDT
Boyce & Ewart, Cal. Cit. Expt. Sta. News Let. 25,3 p., 1946.
Boyce & Ewart, Cal. Citrog. 31:240-241, 1946.
Boyce & Ewart, Cit. Leaves 26(3):7, 1946.
Ewart, Cal. Cit. Expt. Sta. News Let. 28:2; 29,1 p., 1946.
Ewart, Cit. Leaves 26(7):27-28, 1946.
Ewart & DeBach, Cal. Cit. Expt. Sta. News Let. 30:1,3-4; Cit. Leaves 27(3):8,35, 1947.
Lewis, Cal. Citrog. 32:32-33, 1946.
Moore, Cal. Citrog. 32:40, 1946.
Moore, Cit. Leaves 26(11):10, 1946.
Persing, Cal. Citrog. 31:113,126,1946.
Trullinger et al., USDA OES R. f. 1945/46:109-110, 1947.
- SCIRTOTHRIPS CITRI - RESISTANCE TO INSECTICIDES
Quayle, Cal. Citrog. 30:98,103, 1945.
- SCIRTOTHRIPS CITRI - SPRAYS
Lewis, Cal. Citrog. 31:112, 1946.
Persing, Cit. Leaves 25(3):9, 1945.
Richardson, Cal. Citrog. 30:215, 1945.
- SCIRTOTHRIPS CITRI - SPRAYS - DDT
Vorhies & Wehrle, Ariz. Mimeo. R. 75:11, 1945.
- SCIRTOTHRIPS CITRI - SPRAYS - DDT & OIL
Burgess, Ariz. R. 56:46, 1946.
- SCIRTOTHRIPS LONGIPENNIS Bagn.
Jardine et al., USDA OES R. f. 1944/45:64, 1946.
Plank & Winters, P. R. (Mayaguez) R. f. 1944:21, 1945; f. 1945:29-30, 1946.
- SCLERORACUS CALVATA (Ball)
Fautin, Ecol. Monog. 16:269, 1946.
- SCLERORACUS VACCINII (Van D.) (BLUNT-NOSED CRANBERRY LEAFHOPPER)*
Chambers, Wis. Dept. Agr. B. 274:80, 1946.
Doehlert, Amer. Cranb. Grow. Assoc. Ann. Conv. P. 76:24-25, 1945.
Doehlert, Amer. Cranb. Grow. Assoc. P. 77:33-34, 1947.
Tomlinson & Doehlert, Cranberries 11(3):13, 1946.
- SCLERORACUS VACCINII & CRANBERRY FALSE BLOSSOM
Kunkel, Phytopathology 35:805,819-820, 1945.
- SCLERORACUS VACCINII & CRANBERRY VARIETIES
Tomlinson, Jr., Amer. Cranb. Grow. Assoc. Ann. Conv. P. 76:25-26, 1945.
- SCOBICIA CHEVRIERI (Villa)
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):7.
- SCOLOPENDRA HEROS Girard
i Dodge, Poisonous Dwellers of the Desert:8-10, 1947.
i Stiles, Okla. Ext. C. 223 rev.:36, 1946?
- SCOLOPOSELIS FLAVICORNIS Reut.
Fronk, Va. TB 108:10, 1947.
- SCOLYTIDAE, n. spp. - TROPICAL FRUIT
Wolfenbarger, Fla. R. f. 1945/46:205.
- SCOLYTOIDEA - NORTH CAROLINA
i Beal & Massey, Duke Univ. School For. B. 10,178 p., 1945.
- SCOLYTOIDEA - TUNNELS
Beal & Massey, Duke Univ. School For. B. 10:48-54, 1945.
- SCOLYTOIDEA - WASHINGTON (STATE)
Patterson & Hatch, Wash. (St.) Univ. Pubs. Biol. 10:147-154, 1945.
- SCOLYTUS Geoffr. - SPRAYS
Annand, USDA EPQ R. f. 1946/47:15.
- SCOLYTUS MULTISTRIATUS (Marsh.) (SMALLER EUROPEAN ELM BARK BEETLE)*
Annand, USDA EPQ R. f. 1943/44:37-41; f. 1946/47:15,48-49.
i Boyd, N. J. Dept. Agr. C. 355:130-131, 1945.
Chambers, Wis. Dept. Agr. B. 274:78, 1946.
Gardiner, Can. Min. Agr. R. f. 1945/46:39.
Webber, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:15, 1945.
- SCOLYTUS MULTISTRIATUS - CONTROL - LOG TREATMENT
i Connola et al., N. Y. (C.) B. 841,43 p., 1947.

**SCOLYTUS MULTISTRIATUS - LOGS -
EFFECT OF PHLOEM CON-
DITION & MOISTURE**

b Martin, J. Ec. Ent. 39:481-486, 1946.

SCOLYTUS MULTISTRIATUS - SPRAYS
Becker, Mass. B. 428:40-42, 1945,
436:41-43, 1946; 441:40-42, 1947.

**SCOLYTUS MULTISTRIATUS - SPRAYS -
DDT**

Craighead & Brown, USDA EPQ E-649:
5, 1945.

Harding, Natl. Shade Tree Conf. P. 23.
194-198, 1947.

Higgins, Natl. Shade Tree Conf. P. 23
151, 1947.

Meserve, Natl. Shade Tree Conf. P.
23 157, 160-163, 1947.

Whitten, USDA EPQ E-670, 12 p., 1945.

**SCOLYTUS MULTISTRIATUS & DUTCH
ELM DISEASE**

Bretz et al., Natl. Shade Tree Conf. P.
21:27-28, 1945.

Buchholz, N. Y. Dept. Agr. & Mkts. R.
f. 1945:137-144, 1947, f. 1946/47
134-145.

Daviault, For. Québécoise 9 280, 1945.

Daviault, Quebec Min. Lands & For.
R. f. 1944/45:115, 1946.

i Dodd, Nature Mag. 39 146-148, 1946.

Drake et al., Iowa Dept. Agr. YB 47
111, 1947.

French, Va. Dept. Agr. & Immigr. R
f. 1945/46 55.

French, Va. Dept. Agr. & Immigr. B.
455:14, 1947.

Hagmann, Cornell Univ. Abs. Theses f.
1945:133-135, 1946.

Jones, Pest Control & Sanit. 2(3):17.
1947.

Knutson, R. I. Dept. Agr. & Conserv.
R. 12 39, 1947.

McCallum, For. Chron. 2:206-208,
1946.

b Parker et al., N. Y. (C.) M. 275,
44 p., 1947.

Pomerleau, For. Québécoise 3:282,
1945.

b Pomerleau, Can. J. Res. Sect. C 25.
102-104, 1947.

Seifert, Ill. Dept. Agr. R. 30:222-223,
1947.

Slate, Conn. B. 484:66, 1945.

Wallace, Conn. B. 488:359, 369-370,
1945.

Wallace, Ind. YB 28:931, 1945?

Weiss, N. J. Dept. Agr. R. 29:128-136,
1944.

i Welch et al., N. Y. (C.) Ext. B. 687.
6-10, 1945.

i Wyman, Arnoldia 7:17-23, 1947.

Zappe, Conn. B. 488:322-323, 1945;
501:32-33, 1946.

bi Zentmyer et al., Conn. B. 498:9, 30-
43, 1946.

**SCOLYTUS MUTICUS Say (HACKBERRY
ENGRAVER)***

i Beal & Massey, Duke Univ. School
For. B. 10:70-71, 1945.

i Post, N. Dak. Bimo. B. 9:129, 1947.

**SCOLYTUS QUADRISPINOSUS Say
(HICKORY BARK BEETLE)***

i Beal & Massey, Duke Univ. School
For. B. 10:67-70, 1945.

Houser, Amer. Fruit Grow. 67(6):36,
1946.

**SCOLYTUS RUGULOSUS (Ratz.) (SHOT-
HOLE BORER)***

Anthon, Wash. St. Hort. Assoc. P. 43.
193-195, 1947.

Armitage et al., Cal. Dept. Agr. B. 35
204, 1947.

i Beal & Massey, Duke Univ. School
For. B. 10:66-67, 1945.

Bissell & Firor, Ga. Ext. B. 501 rev.:
25, 1947.

i Boyd, N. J. Dept. Agr. C. 355 131-
132, 1945.

Davis, Ind. Acad. Sci. P. 56:150, 1947?

Dewey, N. Y. St. Hort. Soc. P. 92:59,
1947.

Ferguson et al., La. Ext. B. 7 17,
1947. (Repr.)

Rosborough et al., Tex. Ext. B. 73
rev. 15, 1947.

Sanders, La. Ext. C. 259 17, 1946.

i Smith, Cal. Ext. C. 46 rev. 41, 1947,
98 rev.:49-51, 1946.

SCOLYTUS RUGULOSUS - CANADA

Downes et al., Can. Ins. Pest Rev.
25 83, 1947.

Ross, Can. Ins. Pest Rev. 24 47, 1946.

Wressell, Can. Ins. Pest Rev. 24 58,
1946.

**SCOLYTUS RUGULOSUS - CONTROL,
CULTURAL**

i Smith, Cal. Agr. 1(12) 1, 3, 1947.

SCOLYTUS RUGULOSUS - PEACHES

b Marcovitch & Stanley, Tenn. B. 195.
21, 1945.

SCOLYTUS RUGULOSUS - SPRAYS

Annand, USDA EPQ R. f. 1946/47:11-
12.

Childs et al., Oreg. Ext. B. 664:4,
1946.

Thompson, Cit. Indus. 26(12) 3, 21,
1945.

**SCOLYTUS RUGULOSUS - SPRAYS -
DDT**

Newcomer, Wash. St. Hort. Assoc.
Proc. 41:52-53, 1945.

Putnam, N. Y. St. Hort. Soc. P. 92.
48, 1947.

Swanson & Michelbacher, in Cal. Agr.
Expt. Sta., Invest. with DDT in Cal.
1944:6-7, 1945.

Thompson, Fla. R. f. 1945/46:156.

Thompson & Griffiths, Fla. St. Hort.
Soc. P. 60:88, 1947.

**SCOLYTUS RUGULOSUS & CANKER OF
PEACH**

Hildebrand, N. Y. (C.) M. 276:45-46,
1947.

**SCOLYTUS SCOLYTUS (F.) & DUTCH
ELM DISEASE**

Daviault, For. Québécoise 9:280, 1945.

McCallum, For. Chron. 2:206, 1946.

- SCOLYTUS SULCATUS Lec. (LARGER SHOT-HOLE BORER)* & DUTCH ELM DISEASE
Pomerleau, Quebec Min. Terres & For. R. Gén. Trav. Effectués sur la Mal. Hollandaise de l'Orme dans Prov. Quebec 1945:13.
- SCOLYTUS VENTRALIS Lec. (FIR ENGRAVER)*
Cal. Dept. Nat. Resources Div. For., For. Ins. Conditions in Cal. during 1946.10, 1947.
- SCOLYTUS VENTRALIS - GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:21, 1947.
- SCORPIONS
Cameron, Parasites of Man ed. 2:165, 1946.
i Carr, Nat. Hist. 55:80-86, 1946.
i Carr, Desert Parade, 60-61, 63, 1947.
i Stahnke & Roney, Ariz. Ext. C. 132, 14 p., 1947.
Stiles, Okla. Ext. C. 223 rev.:37, 1946?
- SCORPIONS - IMMUNITY, BACTERIAL
b Grasset et al., J. Immunol. 51:231-248, 1945.
- SCORPIONS - INSECTICIDES - DDT
Stahnke & Roney, Ariz. Ext. C. 132: 13-14, 1947.
Thompson, J. Ec. Ent. 39:537, 1946.
- SCORPIONS - PHOTOGRAPHY
i Carr, Nat. Hist. 55:92-93, 1946.
i Life 20(2):108, 111, 1946.
- SCORPIONS - STINGS
i Dodge, Poisonous Dwellers of the Desert:10-14, 1947.
i Stahnke & Roney, Ariz. Ext. C. 132, 8-12, 1947.
- SCORPIONS - VENOM
b Essex, Physiol. Rev. 25:150-153, 1945.
i McArthur, Line, Sept./Oct. 1947:21.
bi Pozo & Anguiano L., Rev. Inst. Salub. y Enferm. Trop. Mex. 8:231-263, 1947.
b Pozo et al., Rev. Inst. Salub. y Enferm. Trop. Mex. 6:77-84, 1945.
- SCOTOBATES CALCARATUS (F.) - PUPAE
i Daggy, Ind. Acad. Sci. P. 56:256, 1947?
- SCOTOGRAMMA TRIFOLII (Rott.) (CLOVER CUTWORM)*
Arnason et al., Can. Ins. Pest Rev. 24:83, 1946.
Manson et al., Can. Ins. Pest Rev. 24: 104, 1946.
- SCOTORYTHRA PALUDICOLA (Butl.)
Crosby, Hawaii Bd. Comms. Agr. & For. Bien. R. f. 1944/46:69-70.
Fullaway, Hawaiian Ent. Soc. P. 13:2-4, 1947.
- SCRAPTIINI
k Fender, Pan-Pac. Ent. 22:117, 1946.
- SCREENS FOR INSECTS
bi Block, Amer. J. Pub. Health 36: 1279-1286, 1946.
Block, Science 104:447, 1946.
Gray, Pests 15(8):12, 1947.
Holmes, Bakers' Helper 87(1088):68, 1947.
- SCREENS FOR INSECTS--Continued.
Trullinger et al., USDA OES R. f. 1945/46:113, 1947.
White, Milk Plant Month. 36(2):37, 1947.
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Stored & Mfd. Tob.:2, 1947.
- SCREENS FOR INSECTS, see also
FLIES - SCREENS; MOSQUITO NETS; MOSQUITO CONTROL - SCREENING
- SCREENS FOR INSECTS - STANDARDS
U. S. Dept. Com. Natl. Bur. Stds. CS138-47, 12 p., 1947.
- SCREENS FOR INSECTS - WIRE MESH
Stearns et al., Del. B. 263.24-25, 1947.
- *SCREW-WORM, see CALLITROGA AMERICANA (Cush. & Pat.)
- *SCURFY SCALE, see CHIONASPIS FURFURA (Fitch)
- SCUTIGERA CLEOPTRATA (L.) (HOUSE CENTIPEDE)*
i Curran, Nat. Hist. 55:240, 1946.
Mallis, Handb. of Pest Control.452-453, 1945.
i Stiles, Okla. Ext. C. 223 rev.:36, 1946?
- SCUTIGERA CLEOPTRATA - SETAE & MICROTRICHIA
i Richards & Korda, Ent. News 58: 141-145, 1947.
- SCUTIGERA FORCEPS Raf., see SCUTIGERA CLEOPTRATA (L.)
- SCUTIGERELLA IMMACULATA (Newp.) (GARDEN CENTIPEDE)*
Glendenning, Can. Ins. Pest Rev. 25, 1947.
Hanna, Cal. Ext. C. 91 rev.:21, 1947.
i Lange, Spreckels Sugar Beet Bul. 11:6, 1947.
Manson & Stirrett, Can. Ins. Pest Rev. 25:102, 1947.
Manson et al., Can. Ins. Pest Rev. 24, 97, 1946.
- SCUTIGERELLA IMMACULATA - CONTROL - FLOODING
Thompson et al., USDA FB 1646 rev.: 25, 1947.
- SCUTIGERELLA IMMACULATA - INSECTICIDES - DDT
Morrison, J. Ec. Ent. 38:410, 1945.
- SCUTIGERELLA IMMACULATA - SOIL TREATMENT
Miller, Spreckels Sugar Beet Bul. 11: 38, 1947.
Morrison et al., J. Ec. Ent. 38:409, 1945.
- SCYMNUS Kug. - PREY
Omer-Cooper & Glaholm, Ctt. Leaves 26(5):28, 1946.
Woglum & Smith, Cal. Citrog. 32:413, 1947.
- SCYMNUS INDUTUS Casey
Jaynes & Marucci, J. Ec. Ent. 40:13, 1947.
- SCYMNUS ROSEICOLLIS Muls.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:551, 1946.

- SCYPHOPHORUS YUCCAE Horn - GENITALIA - MALE
i Bruhn, Great Basin Nat. 8:20, 1947.
- SEA-GRAPE LEAF ROLLER, *see* AT-
TELABUS COCCOLOBAE Wole.
- SEA-GRAPE SAWFLY, *see* SERICOCERA
KRUGHII (Cress.)
- *SECONDARY SCREW-WORM, CALLI-
TROGA MACELLARIA (F.)
- *SEED-CORN BEETLE, *see* AGONOD-
ERUS LECONTEI Chaud.
- *SEED-CORN MAGGOT, *see* HYLEMYA
CILICRURA (Rond.)
- SEED CROP INSECTS - SURVEYS
Shull & Manis, Ida. B. 264:33-34, 1945.
- SEED PIECES, POTATO - TREATMENT
Arnason et al., Can. Ent. 79:178-179,
1947.
- SEEDS - TREATMENT
Annand, USDA EPQ R. f. 1944/45 13,
20. f. 1945/46:13-14.
Bryson, Kans. Bien. R. 13:65, 1946.
Chupp & Leiby, N. Y. (C.) Ext. B. 206
rev. 10,32, 1947.
Cormany, Amer. Soc. Sugar Beet
Technol. P. 4:327-329, 1947.
i Cotton, Seed Trade Buyers Guide 29
118-120, 1946.
Cotton & Frankenfeld, Seed World 58
(9) 22,24, 1945.
i Cotton & Frankenfeld, USDA EPQ E-
677,15 p., 1945.
Hamner, Miss. Farm Res. 10(9) 8,
1947.
Mote et al., Oreg. Ext. B. 676 7, 1947
Smallman, Can. Grain J. 1(7):9-10,
1946.
Va. Ext. B. 97 rev. 41, 1947.
- SEEDS - TREATMENT - BENZENE
HEXACHLORIDE
McLeod, J. Ec. Ent. 39:631-632,635.
815, 1946.
- SEEDS - TREATMENT - DDT
Cotton et al., USDA EPQ E-641.1-7,
1945.
Daggy, Minn. Hort. 74:69, 1946.
Daggy et al., Minn. Ext. B. 252.15,
1946.
Farrar & Wright, J. Ec. Ent. 39:520-
522, 1946.
Morrison, J. Ec. Ent. 38:410, 1945.
Packard, USDA EPQ E-640.7, 1945.
Patrick et al., Assoc. Off. Seed Anal.
P. 37:166-169, 1947.
b Turner, Conn. B. 501:92-96, 1946.
- SEEDS - TREATMENT - DDT & METHYL
CELLULOSE SOLUTION
Schwardt, N. Y. (C.) R. 59:119, 1947.
- SEEDS - TREATMENT - EFFECT ON
GERMINATION
Brooks & Anderson, J. Ec. Ent. 40:222-
223, 1947.
Patrick et al., Assoc. Off. Seed Anal.
P. 37:166-169, 1947.
Richardson, Iowa R. f. 1945/46 pt. 2:
56-57.
- SEEDS - TREATMENT - STEAM
Steinweden, Cal. Dept. Agr. B. 34:177,
1946.
- SEIRA PLATANI (Nic.) - INSECTICIDES
McIndoo, USDA EPQ E-713:124, 1947.
- SEIULUS sp.
Bare et al., USDA EPQ E-247.4, 1947.
Pickett et al., Sci. Agr. 26:594-595,
597, 1946.
- SEIUS sp.
Buchanan, Wash. B. 482:42, 1946.
Steiner, Va. Fruit 34:145, 1946.
- SEIUS POMI Parrott, *see* IPHIDULUS
POMI (Parrott)
- SELENASPIDUS Ckll., unidentified spp.
Keifer, Cal. Dept. Agr. B. 33:249,
1945.
- SELENASPIDUS ARTICULATUS (Morg.)
Martorell, P. R. Univ. J. Agr. 29:408-
409, 1945.
- SELENOTHRIPS RUBROCINCTUS
(Giard.) (RED-BANDED THRIPS)*
i Holdaway & Nishida, Hawaii R. f.
1944/46:68-69, 1947.
Martorell, P. R. Univ. J. Agr. 29:368-
369, 1945.
Wolfenbarger, Fla. R. f. 1946/47 248.
Wolfenbarger, Fla. Mango Forum P.
7:17-19, 1947.
Wolfenbarger, Fla. St. Hort. Soc. P.
60 167, 1947.
- SELONODON BICOLOR (F.)
Hoffmann, J. Ec. Ent. 38 358, 1945.
- SEMANOTUS LIGNEUS (F.) (CEDAR
TREE BORER)*
i Knoll, Ohio Biol. Surv. B. 39:207,
1946.
- SEMIOTHISA GRANITATA (Guen.)
(GREEN SPRUCE LOOPER)
Davault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946 25, 1947.
Davault, Can. Ins. Pest Rev. 25:55,
1947.
Davault & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945
22, 1946.
Leech, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:66, 1945.
- SEMIOTHISA GRANITATA - WINGS
i Forbes, Ent. News 56 242-243, 1945.
- SEMIOTHISA SEXMACULATA (Pack.)
(GREEN LARCH LOOPER)
Davault, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946 25, 1947.
Davault, Can. Ins. Pest Rev. 25:66,
1947.
- SEMIOTHISA SEXMACULATA - LARVAE
McGuffin, Can. Ent. 79 113-115, 1947.
- SEPSIDAE & MYIASIS
i James, USDA Misc. Pub. 631:159-
160, 1947.
- SEPTIS ALIA (Guen.)
Arnason, Can. Ins. Pest Rev. 25 5,
1947.
- SEPTIS FINITIMA CERIVANA (Smith)
Bird & Mitchener, Can. Ins. Pest Rev.
24:67, 1946.
- *SEQUOIA PITCH MOTH, *see* VESPAMI-
MA SEQUOIAE (Hy. Edwards)
- SERICA MacLeay
nl Dawson, N. Y. Ent. Soc. J. 55:223-
235, 1947.
Ebeling, Cal. Ext. C. 43 rev.:48-49, 1947.
- SERICA CURVATA Lec. - PREDATORS -
BIRDS
Leech, Can. Ent. 79:4, 1947.

SERICA FIMBRIATA Lec. - DUSTS -

- i Ebeling, Cal. Citrog. 31:405, 1946.
- SERICA TRISTIS Lec.**
- Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:25, 1947.
- Daviault, Can. Ins. Pest Rev. 25:46, 1947.
- Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:24, 1946.

SERICOCERA KRUGII (Cress.) (SEA-GRAPE SAWFLY)

- i Martorell, P. R. Univ. J. Agr. 29: 550-553, 1945.
- SERICOPELMA COMMUNIS Cambr.**
- Baerg, Conn. Acad. Arts & Sci. Trans. 36:111, 1945.

SERICULTURE

- Bakes, Can. Business 21 [i.e. 20](2): 66,68, 1947.
- Boyer, Okla. Acad. Sci. Proc. 25:21, 1945.
- Burum, Hawaii Farm & Home 8(7):10, 1945.
- i Fletcher, Ward's Nat. Sci. B. 18:72-75, 19.11-12, 1945.
- MacNay, Can. Dept. Agr. Div. Ent. Processed Pub. 55,4 p., 1946.
- Radin, Sci. YB f. 1947:182-186.
- i Roberts, Silk Cult. in Amer., 77 p., 1945.

SERICULTURE, see also BOMBYX MORI SERICULTURE - CALIFORNIA

- bi Essig, Cal. C. 363,15 p., 1945.
- California. Legislature. Assembly, Interim Com. to Inquire into the Possibilities of Silk Prod. & Indus. in Cal. Rpt. to the Assembly, Fifty-sixth Sess. (L-3561), 24 p., 1945.
- Cal. St. Reconstr. & Reemployment Comm. Silk Indus. Proj. Com. Rpt. on Silk Prod. & Mfg. in Cal. 30 p., 1946.

SERICULTURE - MEXICO

- i Ternel Olvera, Rancho Mex. 2(13): 26-28, 1946.

SERICULTURE - TEXAS

- i Harris, Amer. Silk News 1(1):2,4-5, 7, 1946.
- Haynes, South. Horizons:174-181, 1946.
- Mims, Natl. Farm Chemurg. Council, Chemurg. Papers 381, 1945. 4 p.
- Mims, West Tex. Today 26(1):9,25-26, 1945.
- i Peebles, Mfr. Rec. 114(6):122-123, 196,199, 1945.
- i Life 19(15):123-124,126,129, 1945.
- SERICULTURE APPARATUS - REELING DEVICE, AUTOMATIC**
- i Roberts, Silk Cult. in Amer.:53-55, 1945.

***SERPENTINE LEAF MINER, LIRIO-MYZA PUSILLA (Meig.)**

SESAMIA CRETICA Led.

- Gardiner, Can. Min. Agr. R. f. 1946/47:101.
- bi Monro, Can. Ent. 79:180-190, 1947.
- SESSINIA BICOLOR (Fairm.)**
- Bianchi, Hawaiian Ent. Soc. P.12:478, 1946.
- Look, Hawaiian Ent. Soc. P. 13:23, 1947.

SEVENTEEN-YEAR LOCUST, see MAGI-CICADA SEPTENDECIM (L.)

SEWAGE INSECTS

- Bernauer, Water & Sewage Works 93: 331-332, 1946.
- i Brothers, Sewage Works J. 18:181-207, 1946.
- Carollo, Sewage Works J. 18:208-211, 1946.
- Hirsch, Water & Sewage Works 93: 249-250, 1946.
- Lloyd, Sewage Works J. 17:1056,1059, 1945.
- i Symons, Water Works & Sewerage, 92:289-290, 1945.
- Tomlinson & Stride, Sewage Works J. 17:1301-1302, 1945.

SEWAGE INSECTS - INSECTICIDES

- Olson & Dahms, J. Ec. Ent. 38:602-604, 1945.

SEWAGE INSECTS - INSECTICIDES - DDT

- Bishopp, Amer. J. Pub. Health 36:603, 1946.
- b Hansens, Sewage Works J. 19:513-517, 1947.
- West, Sewage Works J. 19:76-81, 1947.
- SEXAVA NOVAE-GUINEAE (Brancs.)**
- Swezey, Hawaiian Ent. Soc. P. 12:391, 1945.

SEXTON BEETLES, see NICROPHORUS, SILPHA, SILPRIDAE

SHADE TREE INSECTS

- i Baerg & Lincoln, Ark. Ext. C. 448, 15 p., 1947.
- Farrar, Arbor. News 11:41-44, 1946.
- Graham et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:55-56, 1946.
- Knutson, R. I. Dept. Agr. & Conserv. R. 12:55, 1947.
- Manson et al., Can. Ins. Pest Rev. 25 43-80, 1947.
- Millar, South. Flor. 59(13):26, 1946.
- i Muma, Nebr. Ext. C. 1536,4 p., 1946.
- Steinweden, Cal. Dept. Agr. B. 34:184-185, 1946.
- i U. S. War Dept. TM 5-632 (PB-2435). 112-120, 1945.

SHADE TREE INSECTS - DEFOLIATION

- b Wallace, Conn. B. 488:358-373, 1945
- SHADE TREE INSECTS - INSECTICIDES**
- Bromley, J. Ec. Ent. 40:237-239, 1947.

SHADE TREE INSECTS - INSECTICIDES - DDT

- Annand, USDA EPQ R. f. 1944/45:15.
- Bromley, Horticulture 24:81, 1946.
- Bromley, Wis. Hort. 36:191, 1946.
- Daggy, Minn. Hort. 74:68, 1946.
- Leary et al., DDT & the Ins. Prob.: 148-154, 1946.

SHADE TREE INSECTS - PRAIRIE PROVINCES

- Peterson, Can. Ins. Pest Rev. 23:94-102, 1945; 24:105-114, 1946.

SHADE TREE INSECTS - SPRAYS

- Maynard, Natl. Shade Tree Conf. P. 22:129-134, 1946.
- i Muma, Neb. Ext. C. 1536,3 p., 1945.
- Phillips, Gard. Gossip 20(4):13-15, 1945.

SHADE TREE INSECTS - SPRAYS--Continued.

- Spicer, Horticulture 24:342, 1946.
 Spicer & Bromley, Arbor. News 10 50-51, 1945.
 i Warner, Amer. For. 51:232-233, 250, 1945.
 Wheeler, Natl. Shade Tree Conf. P. 23. 207, 1947.
 SHADE TREE INSECTS - SPRAYS - DDT
 Daggy et al., Minn. Ext. B. 252:14-15, 1946.
 Hall, Amer. Forests 52:155, 1946.
 Parker, Natl. Shade Tree Conf. P. 23 163-164, 1947.
 Potts et al., Natl. Shade Tree Conf. P. 23:186-187, 1947.
 Price, Ky. Ext. C. 438 7, 1947.
 Whitten & Parker, Natl. Shade Tree Conf. P. 21:13-17, 1945.
 *SHAFT LOUSE, see MENOPON GALLINAE (L.)
 SHAGGY-LEGGED GALLINIPPER, see PSOROPHORA CILIATA (F.)
 SHANNONOMYIA Dyar, not Alexander, see SHANNONOMYINA Pratt
 Pratt, Ent. Soc. Wash. P. 49:86, 1947.
 SHEEP - PESTS
 i Baker, Mangt. & Feeding of Sheep: 215-232, 1947.
 Cameron, Cal. Ext. C. 130 21, 26-27, 1945.
 Coffey, in Davis et al., Livestock Enterprises rev.:332-333, 1946.
 i Conn, Sheep Health ed. 2:103-107, 1945.
 Fauks, Sheep & Goat Raiser 25(5) 18, 1945.
 i Hall et al., USDA FB 1330 rev. 3-15, 1946.
 Horlacher & Hammonds, Sheep 229-235, 244-245, 1945.
 i Kammlade, Ill. Ext. C. 534 rev.:33-35, 1946.
 Kammlade, Sheep Sci. 468-472, 1947.
 i McDonald, N. Dak. Ext. C. 190:32-35, 1947.
 MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:329-332, 1945.
 Stuckey, Ga. R. 57:36, 1945.
 SHEEP - PESTS - DIPS
 Ewing & Itschner, Mo. Ext. B. 432 rev.:25, 1946.
 SHEEP - PESTS - HAWAII
 b Alicata, Pac. Sci. 1:76, 82, 1947.
 SHEEP - PESTS - SPRAYS
 Harney, Natl. Wool Grow. 36(6):17-18, 35, 1946.
 *SHEEP BITING LOUSE, see BOVICOLA OVIS (L.)
 *SHEEP BOT FLY, see OESTRUS OVIS L.
 SHEEP FOOT LOUSE, see LINOGNATHUS PEDALIS (Osb.)
 SHEEP MAGGOTS, see CALLIPHORIDAE
 *SHEEP SCAB MITE, see PSOROPTES EQUI OVIS (Hering)
 *SHEEP-TICK, see MELOPHAGUS OVINUS (L.)
 SHELTER BELT INSECTS
 Munns & Stoekeler, J. For. 44:251, 1946.

SHELTER BELT INSECTS--Continued.

- Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan '96, '99, 1945.
 Severin, S. Dak. R. 60:17-18, 1947.
 SHIPS - DISINFESTATION, see DISINFESTATION - SHIPS
 *SHORT-NOSED CATTLE LOUSE, see HAEMATOPINUS EURYSTERNUS (Nitz.)
 *SHOT-HOLE BORER, see SCOLYTUS RUGULOSUS (Ratz.)
 SHREWS - PESTS, see ECTOPARASITES - SHREWS
 SHRUB INSECTS, see ORNAMENTAL PLANTS - INSECTS
 SIBINE STIMULEA (Clem.) (SADDLE-BACK CATERPILLAR)*
 b Fringe, J. Expt. Zool. 99:115-140, 1945.
 SIDEMIA DEVASTATRIX (Brace), see CRYMODES DEVASTATOR (Brace)
 SIDERONE NEMESIS NEMESIS (Ill.)
 Bruner, Soc. Cubana Hist. Nat. Mem. 19.28, 1947.
 SIGARA MODESTA (Abbott)
 Smith, Acadian Nat. 2.92, 100, 1946.
 SILK INDUSTRY, see SERICULTURE
 *SILKWORM, see BOMBYX MORI (L.)
 *SILKY ANT, see FORMICA FUSCA SUBSERICEA Say
 *SILKY CANE WEEVIL, see METAMAISIUS SERICEUS (Oliv.)
 SILPHA AMERICANA L., see THANATOPHILUS AMERICANA (L.)
 SILPHA BITUBEROSA Lec., see PLIOTOPHAGA BITUBEROSA (Lec.)
 SILPHA NOVEBORACENSIS Forst., see THANATOPHILUS NOVEBORACENSIS (Forst.)
 SILPHA RAMOSA Say, see THANATOPHILUS RAMOSA (Say)
 SILPHA TRITUBERCULATA Kby., see THANATOPHILUS TRITUBERCULATA (Kby.)
 SILPHIDAE
 b Arnett, Can. Ent. 78:131-134, 1946, 79 110-113, 1947.
 k Arnett, Systema Nat. Zool. Ins. Pt. 6 [i.e. 4] (Pub. 6):44-50, 1947.
 Hatch, N. Y. Ent. Soc. J. 54:99-103, 1946.
 i Milne, Atlantic Month. 176(5):129, 131-132, 1945.
 Milne & Milne, A Multitude of Living Things:56-68, 1947.
 SILPHIDAE - SENSES - SMELL
 bi Dethier, N. Y. Ent. Soc. J. 55:285-293, 1947.
 SILVER-BARRED LAWN MOTH, see CRAMBUS SPERREYELLUS Klotz
 *SILVERFISH, see LEPISMA SACCHARINA L.
 SIMULIIDAE
 Bequaert, Bklyn. Ent. Soc. B. 40:111-115, 1945.
 i Cameron, Parasites of Man ed. 2: 139-140, 1946.
 Dean et al., Kans. Ent. Soc. J. 18:92, 1945.
 Sprules, Toronto Univ. Studies Biol. Ser. 56:17-18, 22, 25-26, 28-29, 39-41, 47, 52-54, 1947.

SIMULIIDAE--Continued.

- bi Vargas, Inst. Salub. y Enferm.
Trop. Mex. Monog. 1:241 p., 1945.
U. S. War Dept. TM 5-632 (PB-2435):
36, 1945.

SIMULIIDAE - INSECTICIDES - DDT

- Annand, USDA EPQ R. f. 1946/47:19.
Bishopp, Amer. J. Pub. Health 36:
603, 1946.
Glasgow & Collins, J. Ec. Ent. 39:230,
1946.
USDA EPQ & U. S. Pub. Health Serv.,
DDT for Control of Household
Pests:9, 1947.

SIMULIIDAE - MEXICO

- b Nettel F., Medicina Rev. Mex. 25:
455-459, 1945.
bi Vargas, Soc. Mex. Hist. Nat. Rev.
6:71-83, 1945.
bnik Vargas et al., Rev. Inst. Salub. y
Enferm. Trop. Mex. 7:101-192, 1946.

SIMULIIDAE & IMPETIGO

- Fournier, Assoc. Can.-Franç. Avanc.
Sci. Ann. 13:95, 1947. (Abs.)

SIMULIIDAE & MALARIA

- b Huff, Rev. Inst. Salub. y Enferm.
Trop. Mex. 6:254-258, 1945.

SIMULIIDAE & ONCHOCERCIASIS

- Casis Sacre, Medicina Rev. Mex. 27:
346-347, 1947.

SIMULIIDAE & PINTA

- Briceño Rossi, Medicina Rev. Mex.
27:531-532, 1947.

SIMULIUM Latr.

- Gregson et al., Can. Ins. Pest Rev.
25:111-112, 1947.

SIMULIUM sp.

- Bird & Mitchener, Can. Ins. Pest Rev.
24:72, 1946.

- MacEwan & Ewen, Sci. & Pract. Can.
Anim. Husb. rev.:256-257, 1945.

SIMULIUM - INSECTICIDES - DDT

- Fairchild & Barreda, J. Ec. Ent. 38:
694-696, 1945.

SIMULIUM & DISEASE

- Blom & Doby, Nat. Hist. 55:231-232,
237,239, 1946.

- Chapin, Pan Amer. Union B. 80:664-
665, 1946.

- Rice, Farmacéutico 22(12):41-42,
1946.

SIMULIUM ARCTICUM Mall.

- Arnason, Can. Ins. Pest Rev. 25:111-
112, 1947.

- Arnason et al., Can. Ins. Pest Rev.
24:91, 1946.

- Twinn, Can. Ins. Pest Rev. 23:7, 1945
Twinn, Ent. Soc. Ont. R. 75:49, 1945.

SIMULIUM ARCTICUM - OUTBREAKS - SAKATCHEWAN

- bi Rempel & Arnason, Sci. Agr. 27:
428-445, 1947.

SIMULIUM CALLIDUM (Dyar & Shan.) & ONCHOCERCIASIS

- bi Nettel F., Medicina Rev. Mex. 25:
194-203, 1945.

SIMULIUM CLARUM (Dyar & Shan.)

- Fitch, Condor 49:145, 1947.
Fitch et al., Condor 48:216-217,235,
1946.

SIMULIUM METALLICUM Bellardi & ONCHOCERCIASIS

- bi Nettel F., Medicina Rev. Mex. 25:
194-203, 1945.

SIMULIUM MOOSERI (Dampf), see

SIMULIUM CALLIDUM (Dyar & Shan.)

SIMULIUM OCHRACEUM Wlkr. & ONCHOCERCIASIS

- bi Nettel F., Medicina Rev. Mex. 25:
194-203, 1945.

SIMULIUM SMARTI Vargas

- ni Vargas, P. R. J. Pub. Health 21:
327-331, 1946. (Spanish text, p. 332-
335).

SIMULIUM VENUSTUM Say

- Dove, USDA EPQ E-673:4, 1945.
U. S. Army Med. Dept. Bul. 7:992,
1947.

SIMULIUM VENUSTUM - MOUTH PARTS

- bi Nicholson, Ent. Soc. Amer. Ann.
38:281-297, 1945.

SINEA DIADEMA (F.) - WEIGHTS

- b Balduf, Ent. Soc. Amer. Ann. 40:
588-597, 1947.

SINEA UNDULATA Uhl.

- Clancy, J. Ec. Ent. 39:326-327, 1946.

***SINUATE PEAR TREE BORER, see AGRILUS SINUATUS (Oliv.)**

SIPHA FLAVA (Forbes) (YELLOW SUGARCANE APHID)*

- Ingram et al., Sugar J. 9(11):23, 1947.
Roque, P. R. (Río Piedras) R. I.
1943/44:24-25, 1946.

- Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:551, 1946.

SIPHA FLAVA - INSECTICIDES

- Annand, USDA EPQ R. f. 1944/45:20;
f. 1946/47:9.

- Dugas et al., La. R. f. 1945/46:53,
1947.

- Ingram et al., J. Ec. Ent. 40:779-781,
1947.

SIPHA FLAVA - INSECTICIDES - DDT

- Ingram, USDA EPQ E-647:3, 1945.

- Packard, USDA EPQ E-640:9, 1945.

- SIPHA FLAVA - LOSSES CAUSED BY
Annand, USDA EPQ R. f. 1944/45:32.

SIPHA FLAVA & MOSAIC OF SUGAR CANE

- Ingram et al., Sugar J. 9(11):23, 1947.

SIPHONA IRRITANS (L.) (HORN FLY)*

- Bird et al., Can. Ins. Pest Rev. 25:
113, 1947.

- Dean et al., Kans. Ent. Soc. J. 18:92,
1945.

- i Hixson, Okla. Ext. C. 387 rev.:20-
21, 1946.

- Laake, USDA EPQ Ins. Pest Surv.

- Sum. of Ins. Conditions in 1944:17,
1945.

- MacEwan & Ewen, Sci. & Pract. Can.
Anim. Husb. rev.:257, 1945.

- Smith et al., Kans. Ent. Soc. J. 19:47,
1946; 20:52,58, 1947.

SIPHONA IRRITANS - DIPS - DDT

- Sundgren, South. Stockm. 5(12):22,
1945.

SIPHONA IRRITANS - DIPS - DDT--Continued.

Sundgren, West. Live Stock 31(5) 18, 1945.

SIPHONA IRRITANS - INSECTICIDES - DDT

Annand, USDA EPQ R. f. 1943/44 22, f. 1944/45:10, f. 1945/46:9, f. 1946/47:19-21.

Bruce & Blakeslee, J. Ec. Ent. 39:369-371, 1946.

Dove, USDA EPQ E-673:5-6, 1945.

Gentry, Iowa Vet. 18(3):14, 1947.

Gentry, Vet. Med. 42:185-186, 1947.

Kelly, Sheep & Goat Raiser 27(9) 10, 1947.

i Laake, J. Ec. Ent. 39 65-68, 1946.

Laake, Kans. St. Bd. Agr. R. 65(272):90,92, 1946.

Lincoln, Ark. Ext. Misc. Pub. 14 3, 1945?

i McDowell, Tex. R. 58.54, 1946.

McGregor, Coastal Cattle. 12(7) 28, 1946.

Peterson, Southeast. Cattle. & Dairy J. 5(4):9,28, 1945.

Sanders & Tissot, Fla. R. f. 1944/45:60,66.

Twinn, Can. Dept. Agr. Div. Ent.

Processed Pub. 65 6-7, 1947.

Weaver et al., S. Dak. Ext. Leaf. 102 5-6, 1946. (Repr.)

Whitehead & Morrison, MacDonald Col. J. 7(9):9, 1947.

SIPHONA IRRITANS - LOSSES CAUSED BY

Anderson, USDA R. Sec. f. 1946 146.

Kelly, Kans. Ext. Livestock Ins. Control in Kans.:16,24, 1946?

SIPHONA IRRITANS - SPRAYS

Bruce & Decker, J. Ec. Ent. 40 530-536, 1947.

McAlister et al., J. Ec. Ent. 40:908-909, 1947.

Schwartz et al., U. S. Livestock Sanit. Assoc. R. 50:98, 1947.

b Sweetman, J. Ec. Ent. 40:565-566, 1947.

SIPHONA IRRITANS - SPRAYS - DDT

Anderson, USDA R. Sec. f. 1947:138.

Baker & Hill, Neb. R. 60:54, 1947.

Brett & Fenton, South. Dairy Prod. J. 40(1):62-63, 1946.

Bruce et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:38-39, 1947.

Carr, Cal. Dept. Agr. B. 35:289, 1947.

Clyburn, S. C. R. 59:95, 1947.

Cowsert et al., Miss. Farm Res. 8(12):2, 1945.

i Cuff, Soap & Sanit. Chem. 22(8):135-137, 1946.

Fenton & Brett, Okla. Mimeo. C. 156:2, 1946.

Haseman et al., Mo. C. 309:3, 1946.

Hayslip, Fla. R. f. 1944/45:197.

Kelly, Amer. Assoc. Econ. Ent. N.

Cent. Sts. Branch P. 25:51-53, 1946.

i Kelly, Kans. Ext. Livestock Ins. Control in Kans.:10-19,22, 1946?

SIPHONA IRRITANS - SPRAYS - DDT--Continued.

Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):68, 1947.

Menusan, Dairym. Price Rptr. 28(8):3, 1946.

Morrison, Can. Dairy & Ice Cream J. 26(11):66, 1947.

i Morrison, Can. Jersey Breed. 2(7) 15,29-31, 1947.

i Muma, Neb. Ext. C. 1542,4 p., 1946.

Peairs, J. Ec. Ent. 39:91-92, 1946.

Sanders & Tissot, Fla. R. f. 1945/46:55,64.

Smith et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:37, 1947.

Taggart, Cornell Vet. 36 62, 1946.

i Tissot, Fla. Grow. 55 [i.e. 54](8).5, 12, 1946.

Wilson, Fla. R. f. 1945/46 189, f. 1946/47 203-204.

SIPHONA IRRITANS - TRAPS

i Morrison, Can. Jersey Breed. 2(7) 30-31, 1947.

SIPHONAPTERA

i Prince, Can. Ent. 77.15-20, 1945.

SIPHONAPTERA, see also FLEAS

SIPHONAPTERA - ANATOMY

bi Snodgrass, Smithsn. Misc. Collect. 104(18),89 p., 1946.

SIPHONAPTERA - COLLECTION & PRESERVATION

Carpenter et al., J. Ec. Ent. 38:600-602, 1945.

Hubbard, Fleas of West. N. Amer.:28-37, 1947.

SIPHONAPTERA - MOUTH PARTS

bi Dampf, Soc. Mex. Hist. Nat. Rev. 6:47-70, 1945.

Snodgrass, Ent. Soc. Wash. P. 48:47, 1946. (Abs.)

SIPHOPHYTO Towns.

bmk Reinhard, Ent. Soc. Wash. P. 48 79-89, 1946.

SIPHOPHYTO FLORIDENSIS Towns.

Satterthwait & Mathis, J. Ec. Ent. 39. 578, 1946.

SIREX sp.

Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945.57, 1946.

SIRO ACAROIDES (Ewing)

bi Newell, Amer. Micros. Soc. Trans. 66:354-365, 1947.

***SITKA-SPRUCE BEETLE, see DENDROCTONUS OBUS (Mann.)**

SITKA SPRUCE GALL APHID, see CHERMES COOLEYI Gill.

SITODIPILOS MOSELLANA (Gehin) (WHEAT MIDGE)*

Reeher, USDA C. 732,8 p., 1945.

Ward, B. C. Dept. Agr. R. 40:V78, 1946; W107, 1947.

SITODREPA PANICEA L., see STEGOBIUM PANICEUM (L.)

SITONA CYLINDRICOLLIS Fahr. (SWEETCLOVER WEEVIL)*

Drake, Iowa Dept. Agr. YB 47:147-148, 1947.

- SITONA CYLINDRICOLLIS**--Continued.
Drake & Harris, Iowa R. f. 1944/45 pt. 1:257.
Harris, Iowa R. f. 1945/46 pt. 1:233-235, f. 1946/47 pt. 1:212.
Jardine et al., USDA OES R. f. 1943/44:47, 1945.
Munro et al., Iowa St. Apiarist R. 26:87-90, 1945.
Munro et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:81-82, 1947.
- SITONA CYLINDRICOLLIS - CANADA**
Arnason et al., Can. Ins. Pest Rev. 24:84, 1946.
b Bird, Can. Ent. 79:5-11, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:66; f. 1946/47:80.
Mallory, West. Can. Beekeeper 8(5):10, 1945.
Manson et al., Can. Ins. Pest Rev. 25:16, 1947.
Thompson, Can. Ins. Pest Rev. 24:38-39, 1946.
Twinn, Can. Ins. Pest Rev. 23:4, 1945.
- SITONA CYLINDRICOLLIS - DISEASES - FUNGUS DISEASES**
i Allison, Wis. B. 469:18-19, 1946.
- SITONA FLAVESCENS (Marsh.)**
Underhill & Bodenstein, Va. TB 97:11, 1946.
- SITONA HISPIDULA (F.) (CLOVER ROOT CURCULIO)***
Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:18, 1945.
Mills et al., Mont. B. 442:13, 1947.
Stearns, Del. B. 263:28, 1947.
Stirrett, Can. Ins. Pest Rev. 25:16, 1947.
Underhill & Bodenstein, Va. TB 97:11, 1946.
- SITONA HISPIDULA - DUSTS - EFFECT ON RED CLOVER YIELD**
Schwardt et al., J. Ec. Ent. 40:364-365, 1947.
- SITONA LINEATA (L.) (PEA LEAF WEEVIL)***
DeSelle, Cal. Dept. Agr. Sp. Pub. 209:28-30, 1945.
Glendenning, Can. Ins. Pest Rev. 25:17, 1947.
Olds, Cal. Dept. Agr. Sp. Pub. 209:20, 1945.
- SITONA TIBIALIS (Hbst.)**
Arnason et al., Can. Ins. Pest Rev. 24:84-85, 1946.
Manson & Arnason, Can. Ins. Pest Rev. 25:17, 1947.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:54, 1945.
- SITOPHILUS GRANARIUS (L.) (GRANARY WEEVIL)***
i Cotton, Pest Control & Sanit. 2(12):10-11, 13, 22, 1947.
i Cotton et al., USDA C. 720:2, 1945.
i Gray, Can. Food Packer 17(10):32; (11):25, 27, 1946.
Gray, Can. Ins. Pest Rev. 24:132, 1946; 25:123, 1947.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:4, 18, 1945.
- SITOPHILUS GRANARIUS**--Continued.
Holmes, Bakers' Helper 86(1072):80, 1946.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):8-9, 1946.
i Miller, Amer. Feed & Grain Dealer 30(11):9, 1946.
i Ostrolenk & Kramer, Baker's Digest 21:64, 1947.
i Smallman, Wallerstein Lab. Commun. 8:158, 1945.
Smallman, Grain & Feed J. Consol. 94:405, 1945.
i Smallman, Can. Grain J. 1(7):9, 1946.
- SITOPHILUS GRANARIUS - INSECTICIDES**
Cotton, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:15, 1947.
Smallman, Amer. Mill. 73(4):64; (7):56, 58, 1945.
bi Sun, Minn. TB 177:15, 17, 21, 23-24, 28-30, 32-35, 37-40, 42-48, 56-58, 66-68, 77-84, 86, 89-90, 92, 1947.
- SITOPHILUS GRANARIUS - PACKAGED GOODS**
Michelbacher, Mod. Packaging 20(5):170, 1947.
Verdcourt, Mod. Packaging 21(3):152, 1947.
- SITOPHILUS GRANARIUS - REARING**
Sun, Minn. TB 177:7-9, 1947.
- SITOPHILUS GRANARIUS - SEED, STORED**
Cotton & Frankenfeld, USDA EPQ E-677:2, 1945.
- SITOPHILUS LINEARIS (Hbst.) (TAMARIND WEEVIL)**
Martorell, P. R. Univ. J. Agr. 29:466, 1945.
- SITOPHILUS ORYZA (L.) (RICE WEEVIL)***
i Balzer & Cotton, USDA FB 1906 rev. 4-5, 1947.
i Cotton, Pest Control & Sanit. 2(12):10-11, 22-24, 1947.
i Cotton et al., USDA C. 720:2, 4, 1945.
Del Valle, Cuba (Santiago de las Vegas) B. 62:6, 1945.
Gray, Can. Food Packer 17(11):25, 27, 1946.
Gray, Can. Ins. Pest Rev. 24:132, 1946.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:4, 18, 1945.
Holmes, Bakers' Helper 86(1072):80, 1946.
i Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):5, 1947.
Lincoln & Miner, Ark. Ext. C. 437:12, 1945.
Martorell, P. R. Univ. J. Agr. 29:466-467, 1945.
i Miller, Amer. Feed & Grain Dealer 30(11):8-9, 1946.
Plank, P. R. (Mayaguez) R. f. 1945:23, 1946.
Smallman, Wallerstein Lab. Commun. 8:158, 1945.
Stuckey, Ga. R. 58:82, 1946.

- SITOPHILUS ORYZA - CORN CRIBS**
b Isely, J. Ec. Ent. 40:438-439, 1947.
- SITOPHILUS ORYZA - DUSTS**
Dunavan, S. C. R. 58:57-58, 1946, 59.
68, 1947.
b Hamner, J. Ec. Ent. 40:574-575, 1947.
Plank, P. R. (Mayaguez) R. f. 1945:37, 1946.
- SITOPHILUS ORYZA - FUMIGANTS**
bi Carter, J. Ec. Ent. 38:41-44, 1945.
Cartwright, S. C. R. 57:57, 1945.
Hamner, Miss. Farm Res. 8(7):7, 1945.
Osorio, Control de Plagas 8:135-136, 1946.
Patel, Cornell Univ. Abs. Theses f. 1945:148, 1946.
b Richardson, J. Ec. Ent. 39:599-607, 1946.
Richardson & Walkden, J. Ec. Ent. 38:471-477, 1945.
Richardson, Iowa R. f. 1945/46 pt. 1:225, f. 1946/47 pt. 1:199-200, pt. 2:353.
Schmidt, Hawaiian Acad. Sci. P. 20:8, 1945. (Abs.)
bi Schmidt, J. Ec. Ent. 40:829-837, 1947.
- SITOPHILUS ORYZA - FUMIGANTS - TESTS**
Sun, Minn. TB 177:22-24, 28-30, 32-34, 56-58, 77-78, 89, 1947.
- SITOPHILUS ORYZA - INSECTICIDES**
Annand, USDA EPQ R. f. 1946/47:9-10.
Bottger & Levin, USDA EPQ E-738:1, 6, 8, 1947.
Gertler, USDA EPQ E-705:10, 1946.
b Plank, J. Ec. Ent. 39:314-319, 1946.
Swingle et al., USDA EPQ E-634:23 p., 1945.
- SITOPHILUS ORYZA - INSECTICIDES - DDT**
Stuckey, Ga. R. 58:81-82, 1946.
- SITOPHILUS ORYZA - REARING**
Sun, Minn. TB 177:7-9, 1947.
- SITOPHILUS ORYZA - RESISTANT CORN**
Chamberlain & Douglas, South. Corn Impr. Conf. 4:15-17, 1945.
Dorman, Miss. R. 59:26-27, 1947?
Eckhardt et al., Miss. B. 427:10 p., 1946.
Eckhardt et al., Miss. Farm Res. 9(1):2-3, 1946.
Richey et al., South. Corn Impr. Conf. 4:36, 1945.
- SITOPHILUS ORYZA - SEED, STORED**
Cotton & Frankenfeld, USDA EPQ E-877:2, 1945.
- SITOPHILUS ORYZA & TEMPERATURE - EFFECT ON RESPIRATION**
b Birch, Ecology 28:17-25, 1947.
- SITOTROGA CEREALELLA (Oliv.) (ANGOUMOIS GRAIN MOTH)***
i Balzer & Cotton, USDA FB 1906 rev.:4, 1947.
Cotton, Pest Control & Sanit. 2(12):11, 22, 1947.
i Cotton et al., USDA C. 720:3, 4, 1945.
i Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):5, 1947.
Lincoln & Miner, Ark. Ext. C. 437:12, 1945.
- SITOTROGA CEREALELLA - Continued.**
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):12-13, 1946.
i Miller, Amer. Feed & Grain Dealer 30(11):8-9, 26, 1946.
Smallman, Wallerstein Lab. Commun. 8:161, 1945.
Stuckey, Ga. R. 58:82, 1946.
- SITOTROGA CEREALELLA - INSECTICIDES**
Dunavan, S. C. R. 58:58, 1946.
b Hamner, J. Ec. Ent. 40:574-575, 1947.
- SITOTROGA CEREALELLA - SHUCKED vs. UNSHUCKED CORN**
Dorman, Miss. R. 59:27, 1947?
- *SIX-SPOTTED LEAFHOPPER, see MACROSTELES DIVISUS (Uhl.)**
***SIX-SPOTTED MITE, see TETRANYCHUS SEXMACULATUS Riley**
SKIPPERS - GREAT SMOKY MOUNTAINS
Watson, Fla. Ent. 28:50-53, 1946.
***SLENDER PIGEON LOUSE, see COLUMBICOLA COLUMBAE (L.)**
***SLENDER TURKEY LOUSE, see OXYLIPEURUS POLYTRAPEZIUS (Burm.)**
- SLUGS**
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 80-81, 1947.
Freeman, Northw. Gard. & Homes 15(4):13, 1947.
Howard & Brooks, Cal. Ext. C. 117 rev.:47, 1947.
i Lecker, Ind. Ext. B. 239 rev.:16, 1947.
Sherwood & Bishop, W. Va. Ext. C. 325 rev.:15, 1945.
Steinweden, Orchid Digest 9:267, 1945.
i Westcott, Home Gard. (N. Y.) 7(1):48-49, 1946.
Westcott, Sun-up 2(8):4-5, 1947.
- SLUGS - CANADA**
Downes, Can. Ins. Pest Rev. 24:127, 1946.
Downes et al., Can. Ins. Pest Rev. 25:26-27, 1947.
Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 70, 1947.
Manson et al., Can. Ins. Pest Rev. 24:97, 1946.
Thompson, Can. Ins. Pest Rev. 24:40, 1946.
- SLUGS - CHRYSANTHEMUMS**
Curtis, East. Sts. Chrysanthemum Soc. B. 2(3):6, 1946.
Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:64, 1946.
West, Natl. Chrysanthemum Soc. B. 3(3):8, 1947.
- SLUGS - DEROCERAS AGRESTA (L.) (GRAY GARDEN SLUG)**
Oldroyd, Alaska R. 10:56, 1947.
- SLUGS - DEROCERAS LAEVE (Mull.)**
Jaynes & Marucci, J. Ec. Ent. 40:16, 1947.
- SLUGS - DUSTS**
Conner & Kulash, N. C. Ext. C. 299:4, 1947.
Nettles et al., S. C. Ext. B. 109:28-27, 1947.

SLUGS - ECONOMIC IMPORTANCE
 i White, Pest Control & Sanit. 2(1):16-17, 1947.

SLUGS - PHOTOGRAPHY
 i Chace, Nat. Hist. 56:72-75, 1947.
 i Eddy, Anim. Kingdom 49:139, 1946.

SLUGS - POISON BAIT
 Howard et al., USDA Misc. Pub. 526 rev.:19-20, 1945.
 Mote et al., Oreg. Ext. B. 676:6, 1947.
 Pratt et al., N. Y. (C.) Ext. B. 696 rev.:38, 1947.

SLUGS - TOBACCO
 Johnson & Ogden, Wis. B. 467:26, 1945.
 Price, Ky. Ext. C. 437:6, 1947.
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:6; Burley & Dark Fire-Cured Tob.:4, 1947.

SMALL BLACK CARPET BEETLE, see ATTAGENUS NIGRIPES Casey

***SMALL CHESTNUT WEEVIL, see CURCULIO AURIGER (Casey)**

SMALL FRUIT INSECTS
 i Knorr, Amer. Fruit Grow. 66(4):14-15, 38, 1946.
 Martin, N. J. R. 67:51, 1947?
 i Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:54 p., 1946.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:38-42, 1945.

SMALL FRUIT INSECTS, see also BLACKBERRY INSECTS; BRAMBLE INSECTS; RASPBERRY INSECTS

SMALL GREEN BLOWFLY, see MICROCALLIPHORA VARIPES (Macq.)

***SMALL PIGEON LOUSE, see GONIOCOTES BIDENTATUS Scop.**

SMALL WHITE SNAIL, see SNAILS - THEBA PISANA (Müll.)

***SMALLER EUROPEAN ELM BARK BEETLE, see SCOLYTUS MULTISTRIATUS (Marsh.)**

***SMALLER YELLOW ANT, see LASIUS CLAVIGER (Roger)**

***SMEARED DAGGER MOTH, see ACRONICTA OBLINITA (Abbott & Smith)**

SMITTIA ATERRIMUS (Meig.) - TOBACCO SEED BEDS
 Bourne & Shaw, J. Ec. Ent. 40:749, 1947.

SMODICUM CUCUJIFORME (Say)
 i Knoll, Ohio Biol. Surv. B. 39:187, 1946.

SMOKE FLIES, see MICROSANIA Zett.

SMOKY BROWN COCKROACH, see PERIPLANETA FULIGINOSA (Serv.)

***SMUT BEETLE, see PHALACRUS POLITUS Melsh.**

SNAILS
 Headstrom, Horticulture 24:471-472, 1946.
 Plank, P. R. (Mayaguez) R. f. 1945:24-25, 1946.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:15, 1945.

SNAILS - ACHATINA FULICA Bowd. (GIANT AFRICAN SNAIL)
 Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1944/46:38-40, 46.

SNAILS - CITRUS
 Thompson, Fla. R. f. 1946/47:160-161

SNAILS - ECONOMIC IMPORTANCE
 i White, Pest Control & Sanit. 2(1):16-17, 1947.

SNAILS - HELIX APERTA Born (GREEN SNAIL)
 Armitage, Cal. Dept. Agr. B. 33:237, 1945.
 Armitage et al., Cal. Dept. Agr. B. 34:165, 1946.
 Jones, Cal. Dept. Agr. B. 35:193, 1947.
 Messenger, Cal. Dept. Agr. B. 35:220, 1947.

SNAILS - HELIX ASPERSA Müll. (EUROPEAN BROWN SNAIL)
 Ebelling, Cal. Ext. C. 43 rev.:52, 1947.
 Ingram, South. Cal. Acad. Sci. B. 46:55-56, 1947.
 Jardine et al., USDA OES R. f. 1943/44:50, 1945.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:21.
 Ryan, Los Angeles Co. Agr. Comnr. R. f. 1944/45:8.

SNAILS - HELIX LACTEA Müll., see SNAILS - OTALA LACTEA (Müll.)

SNAILS - HELIX PISANA Müll., see SNAILS - THEBA PISANA (Müll.)

SNAILS - OTALA LACTEA (Müll.) (LARGE WHITE SNAIL)
 Armitage, Cal. Dept. Agr. B. 33:237, 1945.
 Armitage et al., Cal. Dept. Agr. B. 34:165, 1946.
 Jones, Cal. Dept. Agr. B. 35:193, 1947.
 Messenger, Cal. Dept. Agr. B. 35:220, 1947.

SNAILS - POISON BAIT
 i Persing, Cal. Citrog. 30:94-95, 1945.
 i Persing, Cit. Leaves 25(2):6-7, 13, 1945.

SNAILS - PREY
 Norris, Cit. Indus. 28(9):3, 10-11, 1947.

SNAILS - QUARANTINE
 Messenger, Cal. Dept. Agr. B. 35:220, 1947.

SNAILS - SURVEYS
 Armitage, Cal. Dept. Agr. B. 33:237, 1945.

SNAILS - THEBA PISANA (Müll.) (SMALL WHITE SNAIL)
 Armitage, Cal. Dept. Agr. B. 33:237, 1945.
 Armitage et al., Cal. Dept. Agr. B. 34:165, 1946.
 Jones, Cal. Dept. Agr. B. 35:193, 1947.
 Lyle, J. Ec. Ent. 40:2, 1947.
 Messenger, Cal. Dept. Agr. B. 35:220, 1947.

SNAILS - TOBACCO
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:6; Burley & Dark Fire-Cured Tob.:4, 1947.

SNOW FLEAS, see COLLEMBOLA SNOW INSECTS
 Chagnon, Nat. Can. 73:436-437, 1946.
 i Lechevalier, Nat. Can. 73:205-206, 1946.

SNOW SCALE, see UNASPIS CITRI (Comst.).

*SNOWBALL APHID, see ANURAPHIS VIBURNICOLA (Gill.)

*SNOWY TREE CRICKET, see OECAN-THUS NIVEUS (Deg.)

SOAP, POWDERED - INSECTS
Cotton & Frankenfeld, J. Ec. Ent. 39: 419-420, 1946.

SOCIAL INSECTS
Haskins, Atlantic Month. 177(2):109-110, 112, 114, 116-117, 1946.

SOCIAL INSECTS, see also BEES; TERMITES, WASPS

SOD WEBWORMS, see CRAMBUS F.

SOFT BLACK ORCHID SCALE, see COCCUS PSEUDOHESPERIDIUM (Ckll.)

SOFT BROWN SCALE, see COCCUS HESPERIDIUM L.

*SOFT SCALE, see COCCUS HESPERIDIUM L.

SOGONIDAE
nik Chamberlin, Can. Ent. 78:69-71, 1946.

SOIL INSECTS
Barnes & Lindgren, Date Grow. Inst. R. 24.4, 1947.
i Cummings, Amer. Nurserym. 86(6): 13-14, 1947.
Milne & Milne, A Multitude of Living Things:94-107, 1947.

SOIL INSECTS & TYPES OF SOIL
Grayson, Va. TB 109 3-4, 6-12, 1947.

SOIL STERILIZATION
Ahlgren, N. J. B. 724:23-26, 1946.
Annand, USDA EPQ R. f. 1943/44:30.
i Baerg & Lincoln, Ark. Ext. C. 446 9-10, 1947.
Bennett, Chem. Specialties.270-271, 1946.
i Berger, Ill. Nat. Hist. Surv. C. 41 22-28,33-37,42-43, 1947.
Bickerton, Fla. St. Hort. Soc. P. 60: 114-116, 1947.
Bohart, Hilgardia 17.295,300-303, 1947.
i Breakey et al., J. Ec. Ent. 38.121, 1945.
Britton, in De La Mare, Gard. Guide ed. 7:413, 1947.
bi Carter, J. Ec. Ent. 38:35-44, 1945.
Chitwood, Phytopathology 36:684, 1946. (Abs.)
Chitwood & Buhrer, Helminth. Soc. Wash. P. 12:39-41, 1945.
Christie, Helminth. Soc. Wash. P. 12: 14-19, 1945.
Christie, USDA PISAE Plant Dis. Rptr. Sup. 170:169-189, 1947.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:8,11, 1947.
i Cox & Jeffers, Md. Ext. B. 113:12-23, 1946.
Creighton, Natl. Shade Tree Conf. P. 23:116-117, 1947.
Cummings, Amer. Nurserym. 84(6):14; (8):44-45, 1946; 86(6):13-14, 1947.
Davis, Amer. Nurserym. 84(9):44-45, 1946.
Davis, Ind. Ext. B. 225 rev.:7-8,11-12, 1946.

SOIL STERILIZATION--Continued.

Davis, Pest Control & Sanit. 2(12):14, 1947.
Farrar & Dorman, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:53-54, 1946.
Filingier, Kans. C. 235:28-29, 1946.
i Gambrell, J. Ec. Ent. 39:169-173, 1946.
Gertler, USDA EPQ E-705.13, 1946.
Grayson & Poos, J. Ec. Ent. 40:252-256, 1947.
Hadley, USDA EPQ E-727.6-7, 1947.
Hammond, Ent. Soc. Ont. R. 77:14-19, 1947.
Hanna, Cal. Ext. C. 91 rev.:21, 1947.
Harrison & Kelsheimer, Fla. R. f. 1945/46:118.
Hines & Murphree, Miss. Ext. C. 114 rev. 5, 1947.
Jardine et al., USDA OES R. f. 1943/44.53, 1945.
Kowal, Assoc. South. Agr. Workers P. 44:128, 1947. (Abs.)
Lecrone, Okla. Ext. C. 108 rev.:9-10, 1946.
McLeod, J. Ec. Ent. 39:632-637, 1946.
b Morrison, Quebec Soc. Protect. Plants R. 29:62-68, 1945?
Muma, Neb. Ext. C. 1537:6, 1946.
Navarro, Control de Plagas 8:116, 1946.
b Newhall, Soil Sci. 61:67-82, 1946.
Newhall, N. Y. St. Flower Grow. B. 20 1-24, 1947.
Newhall & Lear, N. Y. (C.) R. 58 143, 1946.
Parker et al., Man. for Cit. Grow. ed. 3.42, 1947.
Pepper et al., J. Ec. Ent. 40:728-729, 1947.
i Schmidt, Science 104.227-228, 1946.
bi Schmidt, J. Ec. Ent. 40 829-837, 1947.
Shepard, Pests 14(11).22.24, 1946.
Sherwood, W. Va. Ext. C. 320 rev.:64-66, 1946.
i Snyder, Pest Control & Sanit. 2(2) 9-10, 1947.
Steiner, Pa. St. Hort. Assoc. P. 87 41-42,90-91, 1946.
Thomas, Pa. B. 475.37-38, 1945.
b Turner, Pests 15(5):14,16, 1947.
USDA EPQ For. Ins. Invest., USDA FB 1911 rev.:34-37, 1946.
Wallace, Utah Gard., Oct. 1947:6-7.
Watson, Cit. Indus. 26(11):8,21, 1945.

SOIL STERILIZATION - ARSENIC & SULFUR
i Bruner & Ochoa, Cuba (Santiago de las Vegas) C. 86,10 p., 1946.

SOIL STERILIZATION - BENZENE HEXACHLORIDE
Annand, USDA EPQ R. f. 1946/47:6.8, 12.
b Arnason et al., Can. Ent. 79:174-180, 1947.
Barnes & Lindgren, Date Grow. Inst. R. 24.3, 1947.
Baver, N. C. R. 69:22-23, 1946.
Eide, Wash. St. Hort. Assoc. P. 42: 123, 1946.

**SOIL STERILIZATION - BENZENE
HEXACHLORIDE--Continued.**

- i Fulton, J. Ec. Ent. 39:781-783, 1946.
Gardiner, Can. Min. Agr. R. f.
1946/47:78,82,87.
i Glendenning & Fulton, Sci. Agr. 28:
547-553, 1947.
Greenwood, Conn. B. 512:56-59, 1946.
Greenwood, J. Ec. Ent. 40:724-727,
1947.
Horridge, Cactus & Succulent J. 18:
139, 1946.
Kulash, J. Ec. Ent. 40:851-854, 1947.
Lange, Agr. Chem. 2(9):23,68-69, 1947.
Lange, Cal. Agr. 1(12):1,3, 1947.
McDonald, Ohio St. Univ. Abs. Doc-
toral Diss. 53:240, 1947.
McLeod, J. Ec. Ent. 39:815, 1946.
Martin, N. J. R. 67:80, 1947?
Miller, Spreckels Sugar Beet Bul. 11:
38, 1947.
i Muma, Irrig. Farm. 5(5):1,4, 1947.
Post et al., N. Dak. Bimo. B. 10:27-
31, 1947.
Schread, Conn. B. 512:50, 1946.
Slate, Conn. R. f. 1944/45:15; f.
1945/46:7,11,41.
Turner, Conn. Veg. Grow. Assoc. P.
35:59, 1947.
Wolfenbarger, Fla. R. f. 1946/47:249.
Wolfenbarger, Fla. St. Hort. Soc. P.
60:116,118-121, 1947.
Conn. Agr. Expt. Sta., Conn. Veg.
Grow. Assoc. P. 33:84, 1946?, 34:
94-95, 1946.

**SOIL STERILIZATION - BENZENE
HEXACHLORIDE - EFFECT ON
GERMINATION**

- Kelsheimer, Fla. R. f. 1945/46:112.
**SOIL STERILIZATION - BENZENE
HEXACHLORIDE & PYROPHYL-
LITE (PYRAX)**
Roberts, J. Ec. Ent. 40:571-572, 1947.
**SOIL STERILIZATION - BENZENE
HEXACHLORIDE & TALC**
Lathrop, Maine B. 449:426-427, 1947.
**SOIL STERILIZATION - 2,2-BIS (p-
BROMOPHENYL) 1,1,1-TRICHLORO-
ETHANE - EFFECT ON
PLANTS**
Payne & Fufts, Amer. Soc. Agron. J.
39:52-55, 1947.

**SOIL STERILIZATION - CALCIUM CYA-
NIDE**

- Garner, Prod. of Tob.:280, 1946.
Slate, Conn. R. f. 1944/45:15.
**SOIL STERILIZATION - CALCIUM CYA-
NIDE (GRANULAR)**
i Lange, Spreckels Sugar Beet Bul. 9:
24, 1945.

**SOIL STERILIZATION - CAMPHENE,
CHLORINATED**

- Annand, USDA EPQ R. f. 1946/47:7.
**SOIL STERILIZATION - CARBON DI-
SULFIDE**
Howard et al., USDA Misc. Pub. 526
rev.:9-10, 1945.
Lange, Spreckels Sugar Beet Bul. 9:
24, 1945.
Lehker, Ind. Ext. B. 239 rev.:15, 1947.
Newhall, Soil Sci. 61:71,81, 1946.

**SOIL STERILIZATION - CARBON DI-
SULFIDE--Continued.**

- Wilson, Fla. St. Hort. Soc. P. 59:105,
1946.

SOIL STERILIZATION - CHEMICALS
b Johnson, Ohio J. Sci. 45:125-128,
1945.

- bt Lange, Agr. Chem. 2(9):20-23,68-
69,71, 1947.
Newhall, Agr. Chem. 2(8):30-31,63,
1947.

SOIL STERILIZATION - CHLORDANE
Annand, USDA EPQ R. f. 1946/47:7,12
Fleming, J. Ec. Ent. 40:932-933, 1947.
Kelsheimer, Fla. PB 640,3 p., 1947.
Lange, Agr. Chem. 2(9):69, 1947.
Lange, Cal. Agr. 1(12):3, 1947.
Post et al., N. Dak. Bimo. B. 10:27-
29, 1947.

**SOIL STERILIZATION - CHLORINATED
COMPOUNDS**

- bi Carter, J. Ec. Ent. 38:37-38, 1945.
SOIL STERILIZATION - CHLOROPICRIN
i Allen, Cal. C. 365:62-65, 1946.
Annand, USDA EPQ R. f. 1943/44:32;
f. 1946/47:58.
Baver, N. C. R. 68:56, 1945.
Bickerton, Fla. Grow. 55(7):8,16, 1947.
Christie, USDA PISAE Plant Dis.
Rptr. Sup. 170:171-173,175,177-178,
181-184, 1947.
Hammond, Ent. Soc. Ont. R. 75:8-10,
1945.

Howard et al., USDA Misc. Pub. 526
rev.:10-11, 1945.

- i Howland, Better Homes & Gard. 25
(6):27, 1947.

Matsuura & McFarlane, Hawaii R. f.
1942/44:25-26, 1945.

Newhall, Soil Sci. 61:70-72,76-77,81,
1946.

Newhall, Agr. Chem. 2(8):30, 1947.

- i Swanback & Anderson, Conn. B. 493:
29-30, 1946.
Wilson, Fla. St. Hort. Soc. P. 59:105,
1946.

Innis, Spelden & Co., How to Do Soil
Fumigation with Larvacide (Chloro-
picrin) ed. 2,16 p., 1947?

**SOIL STERILIZATION - CHLOROPIC-
RIN - EFFECT ON PEACH
TREES**

- Taylor & McBeth, Assoc. South. Agr.
Workers P. 44:187, 1947. (Abs.)

**SOIL STERILIZATION - 1,1-DICHLORO-
1-NITROETHANE**

- Annand, USDA EPQ R. f. 1946/47:6.

**SOIL STERILIZATION - DICHLORO-
ETHYL ETHER**
Chandler, J. Ec. Ent. 39:666-667,
1946.

Chandler, Ill. St. Hort. Soc. Trans.
80:267-270, 1947.

Horridge, Cactus & Succulent J. 18:
139, 1946.

Ritcher, Amer. Assoc. Ec. Ent. N.
Cent. Sts. Branch P. 2:85, 1947.

- Snapp, J. Ec. Ent. 38:417-418; Amer.
Assoc. Ec. Ent. Cotton Sts. Branch
P. 19:97, 1945. (Abs.)

SOIL STERILIZATION - DICHLORO-ETHYL ETHER--Continued.

- Snapp, Ill. St. Hort. Soc. Trans. 79: 382-385, 1946.
- Snapp, Hoosier Hort. 29:25-27, 1947.
- Steinweden, Cal. Dept. Agr. B. 34:180, 1946.
- Wilson, Fla. St. Hort. Soc. P. 59 105-106, 1946.

SOIL STERILIZATION - DICHLORO-ETHYL ETHER EMULSION

- Annard, USDA EPQ R. f. 1945/46 15.
- Snapp, Ind. Hort. Soc. Trans. 86:101-102, 1947.
- Snapp, Tenn. St. Hort. Soc. P. 41:27-28, 1947.

SOIL STERILIZATION - DICHLOROPROPANE

- Baerg & Lincoln, Ark. Ext. Leaf. 91. 6, 1947.

Lange, Agr. Chem. 2(9):23, 1947.

SOIL STERILIZATION - DICHLOROPROPANE & DICHLOROPROPENE

- Allen, Cal. C. 365 62-65, 1946.
- Annard, USDA EPQ R. f. 1943:44.14, 17, f. 1945/46 38, f. 1946/47 6-7.
- Armitage, Cal. Dept. Agr. B. 33 242, 1945.
- Armstrong, S. C. R. 58:49-50, 1946.
- Balch, Amer. Nurserym. 84(6):11, 1946.
- Bickerton, Fla. Grow. 55(7):8,16, 1947.
- Carter, Hawaiian Acad. Sci. P. 20 8, 1945. (Abs.)
- bt Carter, J. Ec. Ent. 38:38-44, 1945.
- Christie, USDA PISAE Plant Dis. Rptr Sup. 170:171-178,181-182,184,187-189, 1947.
- i Clark, Sci. News Let. 50:234-235, 1946.
- i Crane, Spreckels Sugar Beet Bul. 9 12-13, 1946.
- Creighton, Fla. St. Hort. Soc. P. 60 215, 1947.
- Gardiner, Can. Min. Agr. R. f. 1946/47 87.
- b Goodhue, Iowa St. Col. J. Sci. 19:258, 1945.
- Graham, S. C. R. 57:109-111, 1945.
- Greenwood, Conn. B. 512:56, 1946.
- Haystead, Fortune 32(4):180, 1945.
- Hibbard, Mo. St. Hort. Soc. Hort. News 5(11):4, 1946.
- i Howland, Better Homes & Gard. 25 (6):27, 1947.
- Kulash, J. Ec. Ent. 40:851-854, 1947.
- Lane et al., Wash. B. 482:96-97, 1946.
- b Lange, J. Ec. Ent. 38:643-645, 1945.
- i Lange, Cal. C. 365:56-61, 1946.
- Lange, Spreckels Sugar Beet Bul. 9:23, 1945; 11:1,6, 1947.
- Lange, Agr. Chem. 2(9):23-24, 1947.
- Lange, Cal. Agr. 1(12):1, 1947.
- Lewis, Tex. R. 59:80, 1947.
- Martin, N. J. R. 66:43-44, 1946.
- Matsuura & McFarlane, Hawaii R. f. 1942/44:25-28, 1945.
- i Matsuura et al., Hawaii Farm & Home 8(8):27, 1945.
- Mitchel, Creamery Coop. Mar. 1946: 20,24, 1946.
- Newhall, Soil Sci. 61:71-73,76-77,81, 1946.

SOIL STERILIZATION - DICHLOROPROPANE & DICHLOROPROPENE

- Newhall, Agr. Chem. 2(8):31, 1947.
 - b Parris, Phytopathology 35 771-780, 1945.
 - i Pyenson, Flower Grow. 33:200, 1946.
 - Ritcher, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.85, 1947.
 - Salter, USDA PISAE R. f. 1945/46 47; f. 1946/47 49.
 - Schmidt, Hawaiian Acad. Sci. P. 20:8, 1945. (Abs.)
 - Slate, Conn. R. f. 1944/45 15, f. 1945/46:7.
 - Steinweden, Cal. Dept. Agr. B. 34 177, 180, 1946.
 - Trullinger et al., USDA OES R. f. 1945/46 115-116, 1947.
 - Watson & Bratley, Fla. R. f. 1944/45. 65.
 - White, USDA YB f. 1943/47:669.
 - Wolcott, Sugar J. 10(6):18, 1947.
 - Wolfenbarger, Fla. R. f. 1946/47.249.
 - Wolfenbarger, Fla. St. Hort. Soc. P. 60 116-121, 1947.
 - USDA et al., Agr. Chem. 1(4) 52, 1946.
- # SOIL STERILIZATION - DICHLOROPROPANE EMULSION
- Lyle, Miss. Farm Res. 10(11) 1,8, 1947.
 - Ragland & Overcash, Miss. Farm Res. 10(12) 6-7, 1947.
 - Snapp, J. Ec. Ent. 38:419-422, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19-97, 1945. (Abs.)
 - Snapp, USDA EPQ E-676,3 p., 1945.
 - Snapp, Amer. Fruit Grow. 67(2) 7, 1946.
 - Snapp, Tenn. St. Hort. Soc. P. 41 32-33, 1947.
- # SOIL STERILIZATION - CIRCLE B
- Carter, J. Ec. Ent. 38 36-37, 1945.
- # SOIL STERILIZATION - COAL-TAR CREOSOTE
- i USDA AIS 30:6, 1945.
- # SOIL STERILIZATION - COLORADO 9,
- see SOIL STERILIZATION - 2,2-BIS (p-BROMOPHENYL) 1,1,1-TRICHLOROETHANE
- # SOIL STERILIZATION - CORROSIVE SUBLIMATE, see SOIL STERILIZATION - MERCURIC CHLORIDE
- # SOIL STERILIZATION - COSTS
- Berger, Ill. Nat. Hist. Surv. C. 41:24, 1947.
 - Christie, USDA PISAE Plant Dis. Rptr. Sup. 170 175, 1947.
 - Scott, Natl. Chrysanthemum Soc. B. 3(3):21, 1947.
- # SOIL STERILIZATION - CRYOLITE BAIT
- Roberts, J. Ec. Ent. 40:571-572, 1947.
- # SOIL STERILIZATION - CYANOGLAS
- Wilson, Fla. St. Hort. Soc. P. 59:105, 1946.
- # SOIL STERILIZATION - DD MIXTURE, see SOIL STERILIZATION - DICHLOROPROPANE & DICHLOROPROPENE
- # SOIL STERILIZATION - DDT
- Adams, Flor. Exch. 106(8):34, 1946.
 - Adams, Flower Grow. 33:281, 1946.

SOIL STERILIZATION - DDT--Continued
 Adams, N. Y. (G.) R. 64:30-31, 1946.
 Anderson, USDA R. Sec. f. 1946:147, 1947:138.
 Annand, USDA EPQ R. f. 1943/44:5; f. 1944/45:12; f. 1946/47:6,25,40,57-58.
 b Arnason et al., Can. Ent. 79:174-180, 1947.
 Bayer, N. C. R. 69:22-23, 1946.
 Brown, Cit. Indus. 28(3):25, 1947.
 Bruce, J. Ec. Ent. 39:662-663, 1946.
 Conklin & O'Kane, N. H. B. 367:33, 1946.
 Cooper, Ky. R. 58.41, 1946; 59:36, 1947.
 Eide, Wash. St. Hort. Assoc. P. 42. 123, 1946.
 Fleming, J. Ec. Ent. 40:932-933, 1947.
 Fleming, USDA EPQ E-724:7-11, 1947.
 Fleming & Hadley, J. Ec. Ent. 38:411, 1945.
 Fleming & Maines, USDA EPQ E-716, 20 p., 1947.
 Gambrell et al., N. Y. (G.) R. 64:37, 1946; 65:21, 1947.
 Gardiner, Can. Min. Agr. R. f. 1944/45: 56.
 Greenwood, Conn. B. 488:346-347, 1945.
 Hadley & Fleming, USDA EPQ E-645: 5-7, 1945.
 Hayslip, Fla. R. f. 1944/45:197.
 Horridge, Cactus & Succulent J. 18: 139, 1946.
 Kelper, Amer. Rose Mag. 6:396-397, 1946.
 Kelsheimer, Fla. R. f. 1944/45:119, f. 1945/46:106-107,111-112, f. 1946/47:125.
 Knutson, R. I. Dept. Agr. & Conserv. R. 12:36, 1947.
 b Kulash, J. Ec. Ent. 40:851-854, 1947.
 Lange, Agr. Chem. 2(9):69, 1947.
 Lange, Cal. Agr. 1(12):3, 1947.
 Martin, N. J. R. 67:52, 1947?
 Meserve, Natl. Shade Tree Conf. P. 23:159, 1947.
 i Muma, Irrig. Farm. 5(5):1,4, 1947.
 Packard, USDA EPQ E-640:6-7, 1945.
 Polivka, Ohio Bimo. B. Farm & Home Res. 32:107-110, 1947.
 Post et al., N. Dak. Bimo. B. 10:27-28, 1947.
 Questel, J. Ec. Ent. 39:535, 1946.
 Roberts, J. Ec. Ent. 40:571-572, 1947.
 Salter, USDA PISAE R. f. 1945/46:10, 31-32; f. 1946/47:13.
 Schread, Conn. B. 512:49-50, 1946; 505:9-10,20, 1947.
 Schwardt & Logothetis, N. Y. (C.) R. 58:118, 1946; 59:119, 1947.
 Slate, Conn. R. f. 1944/45:15.
 Thomas, Pa. B. 480:54, 1946.
 Westcott, Sun-up 1(9):24, 1947.
 White, USDA EPQ E-642:6, 1945; 692: 12-13, 1946.
 Wilson & Choudhri, J. Ec. Ent. 39: 537-538, 1946.
 Wolfenbarger, Fla. R. f. 1946/47:249.
 Wolfenbarger, Fla. St. Hort. Soc. P. 60:116-121, 1947.
 Young, USDA EPQ E-662:7,13, 1945.

SOIL STERILIZATION - DDT--Continued
 USDA EPQ, DDT for control Jap. beetle:2, 1946.
SOIL STERILIZATION - DDT - EFFECT ON PLANTS
 Johnson, Conn. B. 501:66, 1946.
 Payne & Fults, Amer. Soc. Agron. J. 39:52-55, 1947.
 Steiner et al., Ind. Hort. Soc. Trans. 85:45, 1946.
SOIL STERILIZATION - DDT - RELATED COMPOUNDS, see SOIL STERILIZATION - 2,2-BIS (p-BROMOPHENYL) 1,1,1-TRICHLORO-ETHANE
SOIL STERILIZATION - DDT & CHLOROPICRIN
 Armstrong, S. C. R. 57 54-55, 1945.
SOIL STERILIZATION - DDT & ETHYLENE DIBROMIDE
 Annand, USDA EPQ R. f. 1946/47:25.
SOIL STERILIZATION - DDT & FERTILIZERS
 Conklin, N. H. B. 367:45, 1946.
 Trullinger et al., USDA OES R. f. 1945/46:112, 1947.
SOIL STERILIZATION - DDT & NICOTINE (FIXED)
 Thomas, Pa. B. 480.54, 1946.
SOIL STERILIZATION - DDT & PYROPHYLITE
 Annand, USDA EPQ R. f. 1944/45 36.
 Hill, Iowa St. Col. J. Sci. 22 41, 1947.
SOIL STERILIZATION - DDT (GESAPON NO. 18)
 Jones, J. Ec. Ent. 38:122, 1945.
SOIL STERILIZATION - DDT (SYNDEET)
 Campbell, R. I. R. 58:34, 1946.
SOIL STERILIZATION - DDT MIXTURES
 Chisholm et al., USDA EPQ E-696, 3 p., 1946.
 Kelsheimer, Fla. B. 434,19 p., 1947.
SOIL STERILIZATION - DITHANES
 Jardine et al., USDA OES R. f. 1944/45:52, 1946.
 b Wolfenbarger & Heuberger, J. Ec. Ent. 38:675-678, 1945.
SOIL STERILIZATION - DOWFUME G, see SOIL STERILIZATION - METHYL BROMIDE (DOWFUME G)
SOIL STERILIZATION - DOWFUME N, see SOIL STERILIZATION - DICHLOROPROPANE & DICHLOROPROPENE
SOIL STERILIZATION - DOWFUME W-10, see SOIL STERILIZATION - ETHYLENE DIBROMIDE (DOWFUME W-10)
SOIL STERILIZATION - ETHYLENE BROMIDE & PAINT THINNER
 Lane et al., Wash. B. 482:96-97, 1946.
SOIL STERILIZATION - ETHYLENE DIBROMIDE
 Annand, USDA EPQ R. f. 1945/46:15; f. 1946/47:6-7,24-25.
 Bickerton, Fla. Grow. 55(7):8,16, 1947.
 Christie, USDA PISAE Plant Dis. Rptr. Sup. 170:171-172,175,177-178,181-184,187-188, 1947.
 i Crane, Spreckels Sugar Beet Bul. 9: 12-13, 1946.

SOIL STERILIZATION - ETHYLENE
DIBROMIDE--Continued.

- Creighton, Fla. St. Hort. Soc. P. 60: 215, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:87.
i Howland, Better Homes & Gard. 25 (6):27, 1947.
b Lange, J. Ec. Ent. 38:643-645, 1945.
i Lange, Cal. C. 365:56-51, 1946.
Lange, Agr. Chem. 2(9):23, 1947.
Lange, Cal. Agr. 1(12):1, 1947.
Lange, Spreckels Sugar Beet Bul. 11 1,6, 1947.
Mason & Chisholm, J. Ec. Ent. 38 717-718, 1945.
Newhall, Agr. Chem. 2(8):31, 1947.
Salter, USDA PISAE R. f. 1946/47:49.
Steinweden, Cal. Dept. Agr. B. 34:180, 1946.
Trullinger et al., USDA OES R. f. 1945/46:115-116, 1947.
Wolcott, Sugar J. 10(6) 18, 1947.
Wolfenbarger, Fla. R. f. 1946/47:249.
SOIL STERILIZATION - ETHYLENE
DIBROMIDE & ETHYLENE DI-
CHLORIDE
Annand, USDA EPQ R. f. 1946/47 58.
Gambrell et al., N. Y. (G.) R. 64:37, 1946. 65.22, 1947.
SOIL STERILIZATION - ETHYLENE DI-
BROMIDE & ETHYLENE DICHLORIDE MIXTURES
Chisholm et al., USDA EPQ E-694, 2 p., 1946.
SOIL STERILIZATION - ETHYLENE
DIBROMIDE (DOWFUME W-10)
i Whitlock, Dow Diamond 9(2):22-25, 1946.
Wolfenbarger, Fla. St. Hort. Soc. P. 60:116-119,121, 1947.
SOIL STERILIZATION - ETHYLENE
DIBROMIDE MIXTURE
Greenwood, Conn. B. 512:56, 1946.
Slate, Conn. R. f. 1945/46:7.
SOIL STERILIZATION - ETHYLENE
DICHLORIDE
Armstrong, Can. Dept. Agr. Div. Ent. Processed Pub. 34,3 p., 1945.
Baerg & Lincoln, Ark. Ext. Leaf. 91: 4-6, 1947.
Firor, Ga. Ext. B. 518:9-10, 1945, rev.:10, 1946.
Gambrell et al., N. Y. (G.) R. 65:21-22, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:13, 1945.
Lange, Agr. Chem. 2(9):23, 1947.
Newhall, Soil Sci. 61:73,76-77,81, 1946.
Smith, J. Ec. Ent. 38:500-501, 1945.
Snapp, J. Ec. Ent. 38:419-422; Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:97, 1945. (Abs.)
Va. Ext. B. 131 rev.:23-24, 1947.
SOIL STERILIZATION - ETHYLENE DI-
CHLORIDE, see also SOIL STERI-
LIZATION - ETHYLENE DIBRO-
MIDE & ETHYLENE DICHLORIDE
SOIL STERILIZATION - ETHYLENE DI-
CHLORIDE & SUPERPHOSPHATE
(GRANULATED)
i Steiner, Pa. B. 480 sup. 1:6-7, 1946.

SOIL STERILIZATION - ETHYLENE DI-
CHLORIDE & SUPERPHOSPHATE
(GRANULATED)--Continued.

- Steiner, Hooster Hort. 29:15-16, 1947.
SOIL STERILIZATION - ETHYLENE DI-
CHLORIDE EMULSION
Graham et al., Md. Ext. B. 112:32-33, 1946.
Ragland & Overcash, Miss. Farm Res. 10(12):6-7, 1947.
Rice & MacCreary, Del. B. 261:5-21, 1946.
Rice & Wolfenbarger, Del. B. 259:20, 1945.
Rosborough et al., Tex. Ext. B. 73 rev.:14-15, 1947.
Snapp, Amer. Fruit Grow. 67(2):7, 1946.
i Talbert, Mo. B. 509:27-29, 1947.
Wallace, Conn. B. 501:87-89, 1946.
Ohio B. 655:58-59, 1945; 670 58-59, 1947.
SOIL STERILIZATION - FORMALIN,
see SOIL STERILIZATION - FOR-
MALDEHYDE
SOIL STERILIZATION - FORMALDE-
HYDE
Bickerton, Fla. Grow. 55(7):8,16, 1947.
SOIL STERILIZATION - GASOLINE
Price, Ky. Ext. C. 437:8, 1947.
SOIL STERILIZATION - GESAPON, see
SOIL STERILIZATION - DDT
(GESAPON NO. 18)
SOIL STERILIZATION - GREENHOUSES
i Cox & Jeffers, Md. Ext. B. 113:12, 21-23, 1946.
Newhall, Agr. Chem. 2(8):30-31,63, 1947.
SOIL STERILIZATION - HEAT
Holley, N. H. B. 359:15, 1945.
SOIL STERILIZATION - HEXACHLORO-
CYCLOHEXANE, see SOIL STERI-
LIZATION - BENZENE HEXA-
CHLORIDE
SOIL STERILIZATION - HYDROXYPEN-
TAMETHYLFLAVAN
Knippling, USDA YB f. 1943/47:642.
SOIL STERILIZATION - KEROSENE, see
SOIL STERILIZATION - SOAP &
KEROSENE
SOIL STERILIZATION - LEAD ARSE-
NATE
Adams, N. Y. (G.) R. 64:30-31, 1946.
Annand, USDA EPQ R. f. 1944/45:36; f. 1945/46:33.
Blackburn, Ohio B. 659:160, 1945.
Callenbach, Mont. Ext. Ser. A-52:2, 1945.
Campbell, R. I. R. 58:34, 1946.
Cooper, Ky. R. 57:22-23, 1945; 58:41, 1946.
Cummings, Amer. Nurserym. 86(6): 14, 1947.
Figy, Mich. St. Dept. Agr. Bien. R. 11: 96-97, 1945; 12:130-131, 1947.
French, Va. Dept. Agr. B. 446:9; 447: 8-9, 1946.
Gambrell et al., N. Y. (G.) R. 64:37, 1946; 65:21, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:18.

SOIL STERILIZATION - LEAD ARSENATE--Continued.

- Jennings, R. I. Misc. Pub. 26:14-15, 1945.
 Johnson, Conn. B. 501:71-74, 1946.
 Knutson, R. I. Dept. Agr. & Conserv. R. 12:36, 1947.
 Marshall, Ind. R. 60:70, 1947.
 Neiswander, Ohio St. Hort. Soc. P. 78:156, 1945.
 Polivka, Ohio B. 659:173, 1945.
 b Polivka, Ohio Bimo. B. Farm & Home Res. 32:146-148; 32:107-110, 1947.
 Schread, Conn. B. 505:6-9, 20, 1947.
 Slate, Conn. R. f. 1944/45:16-17.
 Wildon et al., Mich. Ext. B. 270:29-30; 271:45, 1945.

SOIL STERILIZATION - LIMEWATER
 Smith & Chilton, Home Gard. 5:20, 1945.

SOIL STERILIZATION - MERCURIC CHLORIDE

- Menusan, Pa. Veg. Grow. News 15(2):44-45, 1945.
 Oldroyd, Alaska R. 10:54-55, 1947.
 Pepper, Pa. Ext. C. 287:11-12, 1946.
 Smith & Chilton, Home Gard. 5:20, 1945.

SOIL STERILIZATION - METHOXY-CHLOR

- Annard, USDA EPQ R. f. 1946/47:7.

SOIL STERILIZATION - METHYL BROMIDE

- Annard, USDA EPQ R. f. 1945/46:19; f. 1946/47:58.
 Bickerton, Fla. Grow. 55(7):8, 16, 1947.
 Farrar, Flor. Rev. 97:31, 1946.
 Howard et al., USDA Misc. Pub. 526 rev.:20, 1945.
 i Howland, Better Homes & Gard. 25(6):27, 1947.
 Lange, Agr. Chem. 2(9):23, 1947.
 Martin, N. J. R. 66:44, 1946.
 Newhall, Soil Sci. 61:74-75, 77, 81, 1946.
 Newhall, Agr. Chem. 2(8):30-31, 1947.
 Salter, USDA PISAE R. f. 1945/46:47.

SOIL STERILIZATION - METHYL BROMIDE & CARBON TETRACHLORIDE & ETHYLENE DICHLORIDE
 English, Ala. R. 54/55:27, 1946.

SOIL STERILIZATION - METHYL BROMIDE (DOWFUME G)

- Farrar, Flor. Rev. 97:31, 1946.
 Scott, Natl. Chrysanthemum Soc. B. 3(3):20-21, 1947.

SOIL STERILIZATION - NAPHTHALENE (CRUDE)

- Lange, Spreckels Sugar Beet Bul. 9:24, 1945.

SOIL STERILIZATION - OIL, see SOIL STERILIZATION - PARADICHLOROBENZENE & OIL

SOIL STERILIZATION - P-40, see SOIL STERILIZATION - SELENIUM (P-40)

SOIL STERILIZATION - PARADICHLOROBENZENE

- i Baerg & Lincoln, Ark. Ext. Leaf. 91:3-5, 1947.
 Davis, Ind. Ext. Leaf. 121 rev.:2-4, 1947.

SOIL STERILIZATION - PARADICHLOROBENZENE--Continued.

- i Firor, Ga. Ext. B. 518 rev.:8-9, 1946.
 Hilborn et al., Maine Ext. B. 358:4, 1947.
 Howard & Brooks, Cal. Ext. C. 117 rev.:35, 63, 1947.
 Howard et al., USDA Misc. Pub. 526 rev.:26, 1945.
 i King, Mich. Ext. Folder F-87, 4 p., 1945.
 Powell et al., Ill. Ext. C. 568 rev.:19, 1945; rev.:19, 1946; 610:19, 1947.
 i Ragland & Overcash, Miss. Farm Res. 10(12):6-7, 1947.
 Rasmussen et al., Mich. Ext. B. 154 rev.:44, 1945; rev.:47, 1946.
 Rice & MacCreary, Del. B. 261:5-21, 1946.
 Rice & Wolfenbarger, Del. B. 259:20, 1945.
 Rosborough et al., Tex. Ent. B. 73 rev.:15, 1947.
 Snapp, Amer. Fruit Grow. 67(2):7, 1946.
 i Talbert, Mo. B. 509:27-29, 1947.
 Watson, Fla. Grow. 54(1):14, 1946.
 Ohio B. 655:56-58, 1945; 670:56-58, 1947.
 Va. Ext. B. 131 rev.:22-23, 1947.
SOIL STERILIZATION - PARADICHLOROBENZENE & OIL
 Powell et al., Ill. Ext. C. 610:6, 19-20, 1947.
SOIL STERILIZATION - PARADICHLOROBENZENE & OIL (PARASCALECID)
 Rice & MacCreary, Del. B. 261:6-21, 1946.
SOIL STERILIZATION - PARADICHLOROBENZENE EMULSION
 Wallace, Conn. B. 501:87-89, 1946.
SOIL STERILIZATION - PENTACHLOROPHENOL
 Berger, Ill. Nat. Hist. Surv. C. 41:23-24, 1947.
 i USDA AIS 30:6, 1945.
SOIL STERILIZATION - PHOTO SENSITIZER
 Carter, J. Ec. Ent. 38:36-37, 1945.
SOIL STERILIZATION - PROPYLENE DICHLORIDE, see SOIL STERILIZATION - DICHLOROPROPANE
SOIL STERILIZATION - PYRAX, see SOIL STERILIZATION - PYROPHYLLITE (PYRAX)
SOIL STERILIZATION - PYRETHRUM
 Price, W. A., J. Ec. Ent. 38:706, 1945.
SOIL STERILIZATION - PYROPHYLLITE, see SOIL STERILIZATION - BENZENE HEXACHLORIDE & PYROPHYLLITE; SOIL STERILIZATION - DDT & PYROPHYLLITE
SOIL STERILIZATION - RESIDUES, see INSECTICIDE RESIDUE - SOIL
SOIL STERILIZATION - RYANEX
 Polivka, Ohio Bimo. B. Farm & Home Res. 32:107-109, 1947.
SOIL STERILIZATION - SELENIUM (P-40)
 Blauvelt, Flor. Exch. 105(17):16, 1945.

- SOIL STERILIZATION - SOAP & KERO-
SENE
Vorhies & Wehrle, *Ariz. B.* 203:23,
1946.
- SOIL STERILIZATION - SODIUM ARSE-
NITE
Annand, *USDA EPQ R. f.* 1945/46:15.
Berger, *Ill. Nat. Hist. Surv. C.* 41:23-
24, 1947.
- SOIL STERILIZATION - SODIUM NI-
TRITE
Baver, *N. C. R.* 68:56, 1945.
- SOIL STERILIZATION - SODIUM SELE-
NATE, *see* SOIL STERILIZATION -
SELENIUM
- SOIL STERILIZATION - STEAM
Farrar, *Flor. Rev.* 97:31, 1946.
Thomas, *Pa. B.* 480:54, 1946.
- SOIL STERILIZATION - SULFUR, *see*
SOIL STERILIZATION - ARSENIC &
SULFUR
- SOIL STERILIZATION - SYNDEET, *see*
SOIL STERILIZATION - DDT (SYN-
DEET)
- SOIL STERILIZATION - TRICHLORO-
BENZENE MIXTURES
Berger, *Ill. Nat. Hist. Surv. C.* 41:22-
24, 1947.
- SOIL STERILIZATION - UREA (URA-
MON)
Baver, *N. C. R.* 68 56, 1945.
- SOIL STERILIZATION & TEMPERATURE
Gambrell et al., *N. Y. (G.)* 65:22, 1947.
Schread, *Conn. B.* 505:7-8, 1947.
- SOIL STERILIZATION APPARATUS
Christie, *USDA PISAE Plant Dis. Rptr.*
Sup. 170:179,187, 1947.
bi Cook & Lane, *USDA EPQ ET-236*,
6 p., 1947.
French, *Agr. Chem.* 1(8):19,51, 1946.
i Hamilton et al., *Oreg. Nurserym. &*
Flor. 2(10):12, 1947.
i King & Andison, *Can. Dept. Agr. Div.*
Ent. Processed Pub. 68,6 p., 1947.
i Lange, *Agr. Chem.* 2(9):22-23, 1947.
i Lange, *Cal. Agr.* 1(12):1, 1947.
i Newhall, *Soil Sci.* 61:78-80, 1946.
Salter, *USDA PISAE R. f.* 1946/47:49.
- SOIL STERILIZATION APPARATUS -
INJECTOR
i Schmidt, *Science* 104:227-228, 1946.
- SOIL STERILIZATION APPARATUS -
CONTINUOUS-FLOW APPLICA-
TOR
i Swanback & Anderson, *Conn. B.* 493:
29-30, 1946.
- SOIL STERILIZATION APPARATUS -
ROTOTILLER
Morrison et al., *J. Ec. Ent.* 38:409,
1945.
- SOLDIER FLIES, *see* STRATIOMYIDAE
- SOLENOPOTES CAPILLATUS Endrin.
Matthysse, *Holstein Friesian World*
42:20, 1945.
i Matthysse, *N. Y. (C.) B.* 832:3-8,12-
14,33-36,44-46,53-58,62, 1946.
- SOLENOPOTES FERRISI (Fahrenh.)
Cowan, *Can. J. Res. Sect. D* 24:78,
1946.
- SOLENOPSIS Westw. & MEALYBUGS
Morrill & Otones, *J. Ec. Ent.* 40:600,
1947.
- SOLENOPSIS GEMINATA (F.) (FIRE
ANT)*
Bruner & Valdes Barry, *Control de*
Plagas 8 [i.e. 7]:54,56, 1945.
English, *Amer. Camellia YB* 1:38,
1946.
Scaramuzza, in *Cuba Min. Agr. Estac.*
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:547, 1946.
Caribbean Res. Council, *Com. Agr.,*
Nutr., Fisheries & For. Crop Inq.
Ser. 4 73, 1947.
- SOLENOPSIS GEMINATA - INSECTI-
CIDES
Annand, *USDA EPQ R. f.* 1946/47:19.
Dove, *USDA EPQ E-673.12*, 1945.
Plank, *P. R. (Mayaguez) R. f.* 1944:16,
1945.
Roberts, *Lower Rio Grande Val. Cit.*
& Veg. Inst. P. 1.72, 1946.
- SOLENOPSIS GEMINATA RUFA (Jerd.)
Holdaway et al., *Hawai R. f.* 1942/44
63, 1945.
- SOLENOPSIS MOLESTA (Say) (THIEF
ANT)* (GREASE ANT) (KAFIR
ANT)
Back, *USDA Leaf.* 147 rev.:3-4, 1946.
Dean et al., *Kans. Ent. Soc. J.* 18:91,
1945.
Fautin, *Ecol. Monog.* 16:270, 1946.
Haskins, *Can. Nature* 8:142, 1946.
Jaynes & Marucci, *J. Ec. Ent.* 40:15-
16,18-22,25, 1947.
Rau, *Ent. News* 56 121, 1945.
- SOLENOPSIS MOLESTA - SWARMING
Macnamara, *Can. Ent.* 77:40, 1945.
- SOLENOPSIS XYLONI McCook (SOUTH-
ERN FIRE ANT)*
Connaughton, *USDA FS South. For.*
Expt. Sta. R. 25.15, 1945.
- SOLENOPSIS XYLONI MANIOSA Whlr.
(CALIFORNIA FIRE ANT)
Bohart, *Hilgardia* 17:300, 1947.
Mallis, *Pest Control & Sanit.* 1(7):22,
24, 1946.
- SOLENOTUS Foerst. - SPRAYS
Lange et al., in *Cal. Agr. Expt. Sta.,*
Invest. with DDT in Cal. 1944.19,21-
22, 1945.
- SOLIERELLA ROHWERI (Bridw.)
Williams, *Hawaiian Ent. Soc. P.* 12:
468, 1946.
- SOLINDENIA sp.
Fullaway, *Hawaiian Ent. Soc. P.* 13:
10-11, 1947.
- SOLPUGIDA
i Cassell, *Nat. Hist.* 55:236, 1946.
- SOLUBEA POECILA (Dall.)
Saller, *Ent. Soc. Wash. P.* 47:136,
1945.
- SOLUBEA POSTPOSITA Bergr., *see* SO-
LUBEA POECILA (Dall.)
- SOLUBEA PUGNAS (F.) (RICE STINK-
BUG)*
Ingram, *USDA EPQ E-647:3-4*, 1945.
Jardine et al., *USDA OES R. f.*
1943/44:48, 1945.
- SOLUBEA PUGNAS - EGGS
i Esselbaugh, *Ent. Soc. Amer. Ann.*
39:685, 1946.

- SOLVA Wlkr. - NEARCTIC**
 blk Steyskal, Mich. Acad. Sci. Papers
 31:184-190, 1947.
- SOMATOCHLORA Selys - KENTUCKY & TENNESSEE**
 Cook, Ent. News 58:127-131, 1947.
- SONIFICATION OF INSECTS**
 Gray, Amer. Mid. Nat. 35:743-744, 1946.
 Headstrom, Horticulture 24:427-428, 477, 1946.
 Kartman et al., J. Parasit. 32:91, 1946.
 McElvare, Bklyn. Ent. Soc. B. 40:65, 1945.
 Milne & Milne, A Multitude of Living Things:229-240, 1947.
 Pielemeier, Sci. Month. 62:450-452, 1946.
 Williams, Ent. News 56:1-4, 1945.
 i Fauna 7:92, 1945.
- SONIFICATION OF INSECTS - CONTROL USE**
 Kahn, Kuba Rev. Med. Trop. y Parasit 3:119-120, 1947.
- SONIFICATION OF INSECTS - RECORDING**
 i Kahn, Sci. Illus. 2(5):55, 1947.
 Kahn et al., Science 101:335-336, 1945.
- SONIFICATION OF INSECTS - SYNCHRONOUS**
 Allard, Wash. Ent. Soc. P. 48:93-95, 1946.
- SONIFICATION OF INSECTS - ULTRASONIC**
 Pielemeier, Acoust. Soc. Amer. J. 17:337-338, 1946.
- SOOTY MOLD, see DIALEURODES CITRARI & SOOTY MOLD**
- SORGHUM INSECTS**
 Annand, USDA EPQ R. f. 1944/45:30.
 Lowery et al., Ala. Ext. Handb. Ala. Agr. ed. 4:31, 1947.
- SORGHUM INSECTS - DUSTS - EFFECT ON YIELD**
 Walton, J. Ec. Ent. 40:394, 1947.
- SORGHUM INSECTS - STORED SORGHUM, see STORED GRAIN INSECTS - SORGHUM**
- *SORGHUM MIDGE, see CONTARINIA SORGHICOLA (Coq.)**
- SOUR GRASS WEEVIL, see RHINONCUS OCCIDENTALIS Dietz**
- *SOUTHERN ARMYWORM, see PRODENIA ERIDANIA (Cram.)**
- *SOUTHERN BEET WEBWORM, see PACHYZANCLA BIPUNCTALIS (F.)**
- *SOUTHERN BUFFALO GNAT, see CNEPHIA PECUARIUM (Riley)**
- *SOUTHERN CABBAGEWORM, see PIERIS PROTODICE Bdl. & Lec.**
- SOUTHERN CORN LEAF BEETLE, see MYOCHROUS DENTICOLLIS (Say)**
- *SOUTHERN CORN ROOTWORM, see DIABROTICA UNDECIMPUNCTATA HOWARDI Barber**
- *SOUTHERN CORNSTALK BORER, see DIATRAEA CRAMBIDODES (Grote)**
- *SOUTHERN FIRE ANT, see SOLENOPSIS XYLONI McCook**
- *SOUTHERN GREEN STINK BUG, see NEZARA VIRIDULA (L.)**
- *SOUTHERN HOUSE MOSQUITO, see CULEX QUINQUEFASCIATUS Say**
- *SOUTHERN LYCTUS BEETLE, see LYCTUS PLANICOLLIS Lec.**
- *SOUTHERN MASKED CHAFER, see CYCLOCEPHALA IMMACULATA (Oliv.)**
- SOUTHERN MOLE CRICKET, see SCAPTERISCUS ACLETUS Rehn & Heb.**
- *SOUTHERN PINE BEETLE, see DENDROCTONUS FRONTALIS Zimm.**
- *SOUTHERN PINE SAWYER, see MONOCHAMUS TITILLATOR (F.)**
- *SOUTHERN RED MITE, see PARATETRANYCHUS ILICIS (McG.)**
- *SOUTHWESTERN CORN BORER, see DIATRAEA GRANDIOSELLA Dyar**
- SOWBUGS**
 Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:65, 1946.
 i Mallis, Handb. of Pest Control:446-447, 1945.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:15, 1945.
 Ward, B. C. Dept. Agr. R. 40.V78, 1946.
 i Westcott, Home Gard. (N. Y.) 7(1). 47, 1946.
 Westcott, Sun-up 2(8):5, 1947.
- SOWBUGS - INSECTICIDES - DDT**
 Kingscote, Can. Ent. 79:149, 1947.
 Romeny et al., USDA EPQ E-672:12-13, 1945.
 Smith et al., Agr. Chem. 2(12):61, 1947.
- SOWBUGS - POISON BAIT**
 i Lehker, Ind. Ext. B. 239 rev.:16, 1947.
 Steinweden, Orchid Digest 9:267, 1945.
- SOWTHISTLE APHID, see AMPHOROPHORA SONCHI (Oest.)**
- SOYBEAN INSECTS**
 Baver, N. C. R. 69:55-56, 1946.
 Kulash, J. Ec. Ent. 40:927-928, 1947.
 Plank, P. R. (Mayaguez) R. f. 1944:26-27, 1945.
 i Smith, N. C. Res. & Farm. 4 (Prog. R. 3):7.9, 1946.
 Trullinger et al., USDA OES R. f. 1945/46:106, 1947.
- SOYBEAN INSECTS - STORED SOYBEANS, see STORED PRODUCTS INSECTS - SOYBEANS**
- SPAELLOTIS CLANDESTINA (Harr.) (W-MARKED CUTWORM)***
 Oldroyd, Alaska R. 10:53, 1947.
- SPALLANZANIA BUCEPHALA Meig.**
 Tissot, Fla. R. f. 1944/45:84.
- SPANIOPTERUS CRUCIFER Gahan - EGGS & LARVAE**
 Maple, Cal. Univ. Pub. Ent. 8:114, 1947.
- SPANIOTOMA PERENNIS (Meig.)**
 Lloyd, Sewage Works J. 17:1058, 1945.
- *SPANISH-FLY, see LYTIA VESICATORIA (L.)**
- SPARAGMIA GIGANTALIS Guen.**
 i Martorell, P. R. Univ. J. Agr. 29:514,530, 1945.

- SPARGANOTHIS FLAVEDANA (Clem.),
see PLATYNOTA FLAVEDANA
Clem.
- SPARGANOTHIS SULFUREANA (Clem.),
see SPARGANOTHIS SULPHURANA
(F.)
- SPARGANOTHIS SULPHURANA (F.)
Martin, N. J. R. 67:53, 1947?
Tomlinson, Amer. Cranb. Grow.
Assoc. P. 77:23-26, 1947.
- SPATHIMEIGENIA SPINIGERA Towns.
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1946:13, 1947.
- SPEOTROMBICULA Ewing
ni Ewing, J. Parasit. 32:437, 1946.
- SPEYERIA Scudd.
bni Dos Passos & Gray, Amer. Mus.
Nov. 1370, 30 p., 1947.
- SPEYERIA APHRODITE COLUMBIA
(Hy. Edwards)
i Hardy, Victoria Nat. 2:144, 1946.
- SPEYERIA CYBELE (F.)
i Knight, Iowa Conserv. 4:143, 1945.
- SPEYERIA HYDASPE RODOPHE
(Edwards) (DUSKY SILVER-SPOT)
Hardy, Victoria Nat. 2:144, 1946.
- SPEYERIA IDALIA (Drury)
i Knight, Iowa Conserv. 4:139, 143,
1945.
- SPEYERIA ZERENE BREMMERI
(Edwards)
i Hardy, Victoria Nat. 2:144, 1946.
- SPHAERIONTIS MURICATA (Lec.)
Fautin, Ecol. Monog. 16:264, 1946.
- SPHAEROPHTHALMA PENNSYLVANICA
SCAVEA Blake
Rau, Ent. News 57:196, 1946.
- SPHAEROPHTHALMINAE
Schuster, Ent. Soc. Amer. Ann. 39:
692-703, 1946.
- SPHARAGEMON COLLARE (Scudd.)
Hammond, Can. Ins. Pest Rev. 25:8,
1947.
- SPHECIDAE
i Strandtmann, Ent. Soc. Amer. Ann.
38:305-313, 1945.
- SPHECIDAE, see also WASPS, MUD-
DAUBING
- SPHECOIDEA
Cartwright, Bklyn. Ent. Soc. B. 41:91,
1946.
- SPHECOIDEA - COMMON NAMES vs
LATIN
Pate, Bklyn. Ent. Soc. B. 41:13, 1946.
- SPHECOIDEA - GENITALIA, MALE -
TAXONOMIC VALUE
bi Murray, Ent. Soc. Amer. Ann. 38:
121-124, 1945.
- SPHENARIUM PURPURASCENS Charp.
b Giral, J. Biol. Chem. 162:61-63,
1946.
- Hodge, Anat. Rec. 99:612, 1947. (Abs.)
- SPHEX sp.
Walt & Packard, USDA FB 1850 rev.:
8, 1947.
- SPHINDUS AMERICANUS Lec.
Frost, Psyche 54:180, 1947.
- SPHINGIDAE
i Urquhart, Can. Nature 7:62-63; 170-
171, 1945.
- SPHINX CHERSIS Hbn. (CHERSIS
SPHINX)
Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. 8:57, 1945.
- SPHINX PITZAHUAC Mooser
ni Mooser, Mex. Univ. Nac. Inst. Biol.
An. 18:547-548, 1947.
- SPHONGOPHORUS Fairm.
bnk Pelaez, Mex. Esc. Nac. Cien.
Biol. An. 4:53-146, 1945.
- SPIDER BEETLES, see PTINIDAE
- SPIDER BITES
i Cameron, Parasites of Man ed. 2:
165-166, 1946.
i MacArthur, Line, Sept./Oct. 1947.
20-21.
Meacham, Farm. Fed. News 27(9):8,
7, 1947.
i Thesing, Cincinnati J. Med. 26:63-
71, 1945.
bi Thorp & Woodson, Black Widow
America's Most Poisonous Spider,
222 p., 1945.
- SPIDER BITES, see also LATRODECTUS
MACANS - BITE
- SPIDER SILK
Peattie, Nature Mag. 38:289-292, 330,
1945.
Puckett, Prog. Guide 8:175-176, 1945.
- SPIDERS
i Dean, Amer. Childhood 33(2):61-62,
1947.
bni Kaston, Amer. Mus. Nov. 1292,
14 p., 1945.
Mallis, Handb. of Pest Control:421-
434, 1945.
Marcovitch & Stanley, Tenn. R. 58:
117, 1946.
i Paul, Coronet 20(1):94-95, 1946.
Stiles, Okla. Ext. C. 223 rev.:35,
1946?
i Pest Control & Sanit. 1(11):10-11,
1946.
- SPIDERS - ALASKA
bni Chamberlin & Ivie, Utah Univ. B.
37(10):103 p., 1947.
- SPIDERS - BITES, see SPIDER BITES
- SPIDERS - BRITISH COLUMBIA
Leech, B. C. Ent. Soc. P. 43:22, 1947.
- SPIDERS - ECOLOGY
Gibson, Ohio St. Univ. Abs. Diss. 46
47-55, 1945.
b Gibson, Ohio J. Sci. 47:38-44, 1947.
- SPIDERS - FLORIDA
ni Bryant, Conn. Acad. Arts & Sci.
Trans. 36:199-213, 1945.
Murrill, Guide to Fla. Anim.:53-61,
1945.
- SPIDERS - GREAT SMOKY MOUNTAIN
NATIONAL PARK
ni Barrows, Ent. Soc. Amer. Ann. 38:
70-76, 1945.
- SPIDERS - HABITS & BEHAVIOR
i Abbott, Fauna 7:14-15, 1945.
i Gertsch, Nat. Hist. 56:152-158, 189,
1947.
Headstrom, Hort. 23:438-439, 1945.
i Mason, Anim. Homes:63-67, 1947.
i Sanders, Pop. Sci. Month. 146(1):
124-127, 209-210, 1945.

- SPIDERS - HABITS & BEHAVIOR - AERONAUTIC**
 Bishop, Conn. Acad. Arts & Sci. Trans. 36:91-97, 1945.
 Dubkin, Enchanted Street:18-20, 1947.
- SPIDERS - HABITS & BEHAVIOR - LEVITATION**
 b Newell, Conn. Acad. Arts & Sci. Trans. 36:261-268, 1945.
- SPIDERS - ILLINOIS**
 Rapp, N. Y. Ent. Soc. J. 54:315-319, 1946.
- SPIDERS - IOWA**
 bi Stiles & Luber, Iowa Acad. Sci. P. 51:473-484, 1945.
- SPIDERS - LEGENDS & STORIES**
 b Bristowe, Conn. Acad. Arts & Sci. Trans. 36:53-90, 1945.
- SPIDERS - MARYLAND**
 ni Muma, Biol. Soc. Wash. P. 58:91-104, 1945.
 i Muma, Md. B. A38,65 p., 1945.
- SPIDERS - MEXICO**
 ni Gertsch & Davis, Amer. Mus. Nov. 1313,11 p., 1946.
- SPIDERS - MILITARY ZONES**
 Bianchi, Hawaiian Ent. Soc. P. 12:245-248, 1945.
- SPIDERS - MUSCLES, SPINNERET**
 b Brown, Conn. Acad. Arts & Sci. Trans. 36:245-248, 1945.
- SPIDERS - NEARCTIC**
 i Chamberlin & Ivie, Ent. Soc. Amer. Ann. 38:549-558, 1945.
- SPIDERS - NEW JERSEY, GREAT SMOKE REGION**
 Rapp & Rapp, Bklyn. Ent. Soc. B. 41:4, 1946.
- SPIDERS - NORTH AMERICA**
 ni Chamberlin & Ivie, Utah Univ. B. 36(13),15 p., 1946.
- SPIDERS - OPTIC CENTERS**
 b Thayer, Conn. Acad. Arts & Sci. Trans. 36:237-240, 1945.
- SPIDERS - PARASITES**
 bi Kaston, Conn. Acad. Arts & Sci. Trans. 36:241-248, 1945.
- SPIDERS - PHOTOGRAPHY**
 i Brownell, Amer. Photog. 40(10):44-46,58,60, 1946.
 i Gibson, J. Biol. Photog. Assoc. 14 (3):134-135, 1946.
- SPIDERS - PREDATORS**
 bi Muma & Jeffers, Ent. Soc. Amer. Ann. 38:245-255, 1945.
- SPIDERS - PREY**
 Baker et al., Wash. B. 497:31-32,61, 1947.
 i Cassell, Nat. Mag. 38:361-364, 1945.
- SPIDERS - PUERTO RICO**
 ni Bryant, Psyche 54:183-193, 1947.
- SPIDERS - REARING**
 i Brown, Turtox News 24:76-77, 1946.
- SPIDERS - SILK, see SPIDER SILK**
- SPIDERS - STRATIFICATION IN FORESTS**
 Dowdy, Ecology 28:426,436, 1947.
- SPIDERS - TENNESSEE**
 Gibson, Ohio St. Univ. Abs. Diss. 46:47-55, 1945.
 b Gibson, Tenn. Acad. Sci. J. 20:214-217, 1945.
- SPIDERS - THERAPEUTIC USE**
 b Weiss, N. Y. Ent. Soc. J. 55:166-167, 1947.
- SPIDERS - UNITED STATES**
 ni Chamberlin & Ivie, Utah Univ. B. 36(13),15 p., 1946.
- SPIDERS - UNITED STATES (SOUTHERN)**
 bni Bryant, Psyche 52:178-191, 1945.
- SPIDERS - VENOM**
 b Essex, Physiol. Rev. 25:153-156, 1945.
- SPIDERS - WEBS**
 Bishop, Conn. Acad. Arts & Sci. Trans. 36:91-97, 1945.
 i Forbes, Nat. Hist. 55:489, 1946.
 i Headstrom, Horticulture 23:405-406,511, 1945.
 i Malkin, Can. Nature 9:92-94, 1947.
 i Peattie, Nature Mag. 38:289-292, 330, 1945.
- SPIDERS - WEBS - PEST RESERVOIRS**
 Linsley, Pests 14(7):16, 1946.
- SPIDERS - WEBS - PHOTOGRAPHY**
 i Evans & Evans, Nature Mag. 39:329, 1946.
- SPILOCHALCIS ALBIFRONS (Walsh)**
 Beacher, Ent. Soc. Amer. Ann. 40:533,535,537-538,543, 1947.
 Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8.7, 1945.
- SPILOCHALCIS DELUMBIS (Cress.)**
 Van Zwaluwenburg, Hawaiian Ent. Soc. P. 13:23, 1947.
- SPILOCHALCIS FLAVOPICTA (Cress.)**
 Hoffmann, J. Ec. Ent. 38:357, 1945.
- SPILOCHALCIS SIDE (Wlkr.)**
 Clancy, J. Ec. Ent. 39:328, 1946.
- SPILOCRYPTUS ABBREVIATOR (F.)**
 Finlayson, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:47,51-52, 1947.
- SPILOMELA FIMBRIARALIS (Guen.)**
 i Martorell, P. R. Univ. J. Agr. 29:531-533, 1945.
- SPILONOTA OCELLANA (Dyar & Shan.) (EYE-SPOTTED BUD MOTH)***
 Childs et al., Oreg. Ext. B. 663:3, 1946.
 Conklin et al., N. H. B. 372:32, 1947.
 Dewey, N. Y. St. Hort. Soc. P. 92:53; 55-56,61, 1947.
 Jones et al., Oreg. C. Inform. 406:3-4, 1947.
 Keifer, Cal. Dept. Agr. B. 33:253, 1945.
 i Mills & Dewey, N. Y. (C.) Ext. B. 711:6-8,24-26,71, 1947.
 Smith, Cal. Ext. C. 46 rev.:43, 1947.
 Oreg. C. Inform. 407:3-4, 1947.
- SPILONOTA OCELLANA - CANADA**
 Cannon, Can. Ins. Pest Rev. 24:11, 1946.
 Gauthier, Can. Ins. Pest Rev. 24:30, 1946.
 Maxwell, Can. Ins. Pest Rev. 24:22, 1946.
 Neary, N. S. Dept. Agr. R. f. 1943/44:102, 1945; f. 1944/45:104, 1946; f. 1945/46:92, 1947.

SPILONOTA OCELLANA - CANADA--
Continued.

- Neary, N. S. Fruit Grow. Assoc. R. 82:33, 1945, 83:22, 1946; 84:114, 1947.
Patterson & Neary, Can. Ins. Pest Rev. 24:14, 1946.
Pickett et al., Sci. Agr. 26:590,597, 1946.
Ross, Can. Ins. Pest Rev. 24:46, 1946.
Ross et al., Can. Ins. Pest Rev. 25: 89, 1947.
Thompson, Can. Ins. Pest Rev. 24:40, 1946.
Twinn, Can. Ins. Pest Rev. 23:5, 1945.
SPILONOTA OCELLANA - PARASITES & PREDATORS
Boyce, Ent. Soc. Ont. R. 76:35-37, 1946.
b Boyce, Quebec Soc. Protect. Plants R. 30:172-175, 1947.
SPILONOTA OCELLANA - PRUNES
i Borden & Madsen, Sunsweet Std. 31 (7):8-9, 1947.
SPILONOTA OCELLANA - SPRAYS
Childs et al., Oreg. Ext. B. 664.3, 1946.
Dewey et al., N. Y. (C.) R. 59:123, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:83-84.
Hockey et al., N. S. Fruit Grow. Assoc. R. 82:82-83, 1945, 83:144, 146, 1946; 84:157, 1947.
Jones et al., Oreg. C. Inform. 358.2, 1945; 405:4, 1947.
i Lathrop et al., Maine Ext. B. 353:10, 1947.

SPILOPSYLLUS CUNICULI (Dale)

Meek, Rabbit Raising for Profit:225, 1947.

**SPILOPOTA HIRTA (Lec.), see CYCLO-
CEPHALA HIRTA Lec.**

SPINACH APHID, see MYZUS PERSICAE (Sulz.)

**SPINACH CARRION BEETLE, see SIL-
PHA BITUBEROSA Lec.**

SPINACH INSECTS

- Isely & Miner, J. Ec. Ent. 39:550, 1946.
i Parks & King, Ohio Ext. B. 76 rev.: 41, 1947.

***SPINACH LEAF MINER, see PEGOMYA
HYOSCYAMI (Panz.)**

***SPINED RAT LOUSE, see POLYPLAX
SPINULOSA (Burm.)**

**SPINED SOLDIER BUG, see PODISUS
MACULIVENTRIS (Say)**

**SPINOSE EAR TICK, see OTIOBIUS
MEGNINI (Dugès)**

**SPINY ELM CATERPILLAR, see NYM-
PHALIS ANTIOPA (L.)**

***SPINY OAKWORM, see ANISOTA
STIGMA (F.)**

**SPIREA APHID, see APHIS SPIRAECOLA
Patch**

SPIREMBOLUS Chamblin.

ik Chamberlin & Ivie, Conn. Acad. Arts & Sci. Trans. 36:215-223, 1945.

**SPIROCHETOSIS, see INSECTS & DIS-
EASE - SPIROCHETOSIS**

**SPITTLE BUGS, see CERCOPIDAE
SPOGOSTYLUM ALBOFASCIATUM
(Macq.), S. DAPHNE (O.-S.)**

Rau, Ent. News 57:196, 1946.

SPOGOSTYLUM OEDIPUS (F.)
Peck & Bolton, Sci. Agr. 26:410-411, 413, 1946.

**SPOGOSTYLUM PAUPER (Loew), S.
SLOSSONAE Johns.**

Rau, Ent. News 57:196, 1946.

**SPOTLESS FALL WEBWORM, see HY-
PHANTRIA TEXTOR Harr.**

***SPOTTED ASPARAGUS BEETLE, see
CRIO CERIS DUODECIMPUNC-
TATA (L.)**

***SPOTTED BEET WEBWORM, see HY-
MENIA PERSPECTALIS (Hbn.)**

***SPOTTED BLISTER BEETLE, see EPI-
CAUTA MACULATA (Say)**

***SPOTTED CUCUMBER BEETLE, see
DIABROTICA UNDECIMPUNCTA-
TA HOWARDI Barber**

***SPOTTED CUTWORM, see AMATHES
C-NIGRUM (L.)**

**SPOTTED FEVER, see ORNITHODOROS
FURCOSUS & SPOTTED FEVER**

***SPOTTED PINE SAWYER, see MO-
NOCHAMUS MACULOSUS (Hald.)**

**SPOTTED TENTIFORM LEAFMINER,
see LITHOCOLLETIS CRATAE-
GELLA Clem.**

***SPOTTED TUSSOCK MOTH, see HALI-
SIDOTA MACULATA (Harr.)**

SPRAY ADJUVANTS

McClintock & Fisher, Spray Chem. & Appl. Equip..129-141, 1945.
Vorhies & Wehrle, Ariz. B. 203:12, 1946.

SPRAY ADJUVANTS - EMULSIFIERS

Bennett, Pract. Emulsions ed. 2:60-61,267-268, 1947.
Chapman, Pa. St. Hort. Assoc. P. 88: 78, 1947.

Chapman & Pearce, Agr. Chem. 2(4): 36-37, 1947.

Elde et al., Mosq. News 6:18-19, 1946
b Geer, Natl. Res. Council Ins. Control Com. R. 185:29 p., 1946.

Knipling, Natl. Malar. Soc. J. 5:118, 1946.

Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:51, 1947.

SPRAY ADJUVANTS - LABELS

Cox, Cal. Dept. Agr. B. 33:315, 1945.

**SPRAY ADJUVANTS - PENETRANTS -
DIATOMACEOUS EARTH**

Carlson & Yothers, J. Ec. Ent. 39: 409-410, 1946.

SPRAY ADJUVANTS - SAFENERS

Filinger, Kans. C. 235:45, 1946.

Hough, Va. B. 388:8-9, 1946.

Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:71,73-75, 1945.

Rasmussen et al., Mich. Ext. B. 154 rev.:28-30, 1946.

Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:51, 1947.

Ohio B. 655:28,37-38, 1945; 670:28, 37-38, 1947.

Va. Ext. B. 131 rev.:39, 1947.

**SPRAY ADJUVANTS - SAFENERS -
DELMO Z**

Michelbacher & Swanson, Diamond
Walnut News 28(3):6, 1946.

**SPRAY ADJUVANTS - SAFENERS -
LIME & ZINC SULFATE**

Lecrone, Okla. Ext. C. 108 rev.:14-15,
1946.

Mills & Dewey, N. Y. (C.) Ext. B. 711:
64,81-82, 1947.

SPRAY ADJUVANTS - SOLVENTS

Craighead & Brown, USDA EPQ E-
649:6-7, 1945.

Elmendorf, Amer. J. Trop. Med. 26.
663,665-685, 1946.

Fay et al., J. Ec. Ent. 40:638, 1947.

Feiner, Food Indus. 17:1447, 1945.

Gunther, Amer. Chem. Soc. J. 67:189-
190, 1945.

Jacobs, Baker's Digest 20(2):33, 1946.

Jones & Fluno, J. Ec. Ent. 39:536-
537, 1946.

Jones et al., J. Ec. Ent. 38:208, 1945.

Jones et al., Soap & Sanit. Chem. 21
(11):110-113,115,155, 1945.

Kido & Allen, Agr. Chem. 2(6):21-23,
67,69, 1947.

Knipling, Natl. Malar. Soc. J. 5:118,
1946.

McCauley, Pests 14(4):5, 1946.

Romney, J. Ec. Ent. 40:481, 1947.

U. S. War Dept. TB Med. 194 (PB-
2436):2, 1945.

**SPRAY ADJUVANTS - SOLVENTS -
KEROSENE**

b Fleck & Haller, Indus. & Engin.
Chem. Indus. Ed. 38:177-178, 1946.

**SPRAY ADJUVANTS - SPREADERS &
STICKERS, see SPRAY SPREAD-
ERS & STICKERS**

SPRAY ADJUVANTS - WETTING AGENTS

Bourne, Mass. B. 436:39, 1946.

Connell & Beacher, Del. B. 265:20-24,
27, 1947.

Creighton, Natl. Shade Tree Conf. P.
23:116, 1947.

Howard et al., USDA Misc. Pub. 526
rev.:37-38, 1945.

Leiserson et al., Elisha Mitchell Sci.
Soc. J. 61:1-7, 1945.

Woodruff & Turner, Conn. B. 512:67,
1946.

**SPRAY ADJUVANTS - WETTING
AGENTS - DREFT**

Siegler & Hall, J. Ec. Ent. 40:723,
1947.

**SPRAY ADJUVANTS - WETTING
AGENTS - SOAP**

b Leffingwell & Lesser, Pests 13(8):
10,12,14, 1945.

SPRAY CALENDARS & PROGRAMS

Cutright & Vogel, Ohio St. Hort. Soc.
P. 79:95-98, 1946.

Garman, Conn. B. 512:73,75, 1946.

Howitt & Thompson, Can. Hort. Grow.
Ed. 68:34, 1945.

Kelley, Ill. Ext. C. 524:34-39, 1947.
(Repr.)

Lyle, Miss. Farm Res. 8(2):1,7, 1945.

Nichols et al., Iowa St. Hort. Soc.
Trans. 80:102-106, 1945.

**SPRAY CALENDARS & PROGRAMS--
Continued.**

Pyenson, Flower Grow. 32:147-148,
1945.

Ross & Putnam, Can. Flor. 42(8):24-
26, 1947.

Whitcomb, Arbor. News 10:10-14,
1945.

Ida. Ext. C. 96,7 p., 1947.

Wash. Ext. B. 279 rev.:8-9, 1947.

**SPRAY CALENDARS & PROGRAMS -
ALFALFA**

List et al., West. Colo. Hort. Soc.
Trans. f. 1945:147, 1946.

West. Colo. Hort. Soc. Trans. f. 1946
171, 1947.

**SPRAY CALENDARS & PROGRAMS -
APPLES**

Breakey & Brannon, Wash. Packer 12
(8):2, 1947.

Brinkley, Tenn. St. Hort. Soc. P. 42.
11-14, 1947.

Chandler, Ill. B. 519.316-317,329-330,
1946.

Chandler, Ill. St. Hort. Soc. Trans
80:184-185, 1947.

Childs et al., Oreg. Ext. B. 663:12-
13, 1946.

Clark & Hoveland, Wis. B. 472 23-24,
1947.

Cutright & Vogel, Ohio St. Hort. Soc.
P. 78:64-65, 1945.

Dewey, N. Y. St. Hort. Soc. P. 92 188-
192, 1947.

Fillinger, Kans. C. 235:20, 1946.

Garman, J. Ec. Ent. 38:341-343, 1945.

Graham et al., Md. Ext. B. 105.14-21.
1945, 112:14-29, 1946.

Hines & Lyle, Miss. Ext. C. 114 rev.:
6-7, 1946.

Hines & Murphree, Miss. Ext. C. 114
rev.:6-7, 1947.

Hockey et al., N. S. Fruit Grow. Assoc.
R. 82:82-85, 1945; 83:144-148, 1946,
84:152-154, 1947.

Hoppert et al., Neb. Ext. CC 99,1 p.,
1947.

Hough, Amer. Fruit Grow. 66(2):17,
35-36, 1946.

Hough, Mountaineer Grow. 16(160):12-
13, 1946.

Isely et al., Ark. Ext. Leaf. 82:1-2,7-
8, 1947.

Kelley, Ill. Ext. C. 524:36, 1947.
(Repr.)

Kirby & Pepper, Pa. Ext. C. 274,6 p.,
1945.

Lecrone, Okla. Ext. C. 108 rev.:26,
30, 1946.

List et al., West. Colo. Hort. Soc.
Trans. f. 1945:139,141,145, 1946.

Marshall et al., Ind. Hort. Soc. Trans.
86:23-26, 1947.

Parks & Allison, Ohio Ext. B. 252
rev.:73-74, 1945.

b Pickett et al., Sci. Agr. 26:590-600,
1946.

Powell et al., Ill. Ext. C. 568 rev.:6-
18,33, 1945; rev.:6-18,33, 1946;
610:6-18, 1947.

**SPRAY CALENDARS & PROGRAMS -
APPLES--Continued.**

- Ragland & Overcash, Miss. Farm Res. 10(12):6, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev.:52-53, 1946.
i Rasmussen et al., N. H. Ext. C. 280, 6 p., 1947.
Rice, Cumberland-Shenandoah Fruit Workers' Conf. P. 22: [22-25], 1945.
Robertson, B. C. Dept. Agr. R. 41. W75-W76, 1947.
i Rollins, Conn. Ext. B. 369-6-7, 1945.
Rosborough et al., Tex. Ext. B. 73 rev.:16-17, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4 112, 1947.
Sherwood, W. Va. Ext. C. 320 rev.:12-15, 1946.
Swartwout & Martin, Mo. Ext. C. 506 rev.:6, 1945.
Thies, Mass. Ext. Fruit Notes, Dec. 31, 1945:8-10, Dec. 30, 1946 1-3.
Whitcomb, Horticulture 25 280, 1947.
Williams, Conn. Ext. B. 377 7-10, 1946; 388 10, 1947.
Woodworth & Rawlings, N. H. B. 361, 31 p., 1945.
Mass. Ext., This is Your Spray Chart for Apples, 4 p., 1947.
N. J. Ext. Spray Calendar 9 4 p., 10, 12 p., 1945, 16, 8 p.; 17, 12 p., 18 4-6, 1946, 22, 12 p.; 23, 8 p., 27 4-6, 1947.
N. Y. St. Hort. Soc. P. 90 320-328, 1945; 91 302-312, 1946, 92.292-303, 1947.
i Ohio B. 655:2-10, 1945; 670.2-11, 1947.
Ohio Ext., Dis. & Ins. Control for Home Orch. & Small Fruits:2, 1945.
Oreg. C. Inform. 411:1-2, 1947.
i Va. Ext. B. 131 rev.:6-16, 36, 1947.
West. Colo. Hort. Soc. Trans. f. 1946. 165, 167, 168, 1947.
Wis. Agr. Expt. Sta., Some Insectic. in Wis. in 1947:2-4, 1947. (Sp. C.)
- SPRAY CALENDARS & PROGRAMS -
APRICOTS**
Powell et al., Ill. Ext. C. 568 rev.:21-22, 1946; 610:21-22, 1947.
Young et al., Ark. Ext. Leaf. 81:7-8, 1947.
West. Colo. Hort. Soc. Trans. f. 1946: 171, 1947.
- SPRAY CALENDARS & PROGRAMS -
AZALEAS**
Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:115, 1947.
- SPRAY CALENDARS & PROGRAMS -
BEANS**
List et al., West. Colo. Hort. Soc. Trans. f. 1945:147, 1946.
West. Colo. Hort. Soc. Trans. f. 1946: 172, 1947.
- SPRAY CALENDARS & PROGRAMS -
BEETS**
West. Colo. Hort. Soc. Trans. f. 1946: 173, 1947.
- SPRAY CALENDARS & PROGRAMS -
BRAMBLES**
Kelley, Ill. Ext. C. 524:37, 1947. (Repr.)

**SPRAY CALENDARS & PROGRAMS -
BRAMBLES--Continued.**

- Powell et al., Ill. Ext. C. 610.24, 1947.
- SPRAY CALENDARS & PROGRAMS -
CAMELLIAS**
Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:115, 1947.
- SPRAY CALENDARS & PROGRAMS -
CHERRIES**
Breakey & Brannon, Wash. Packer 12 (8):8, 1947.
Hilborn et al., Maine Ext. B. 358:7, 1947.
Kelley, Ill. Ext. C. 524.37, 1947. (Repr.)
Lecrone, Okla. Ext. C. 108 rev.:27, 32, 1946.
List et al., West. Colo. Hort. Soc. Trans. f. 1945:146, 1946.
McDaniel, Tenn. Hort. 25(3):1, 1947.
Parks & Allison, Ohio Ext. B. 252 rev.:77, 1945.
Powell et al., Ill. Ext. C. 568 rev.:23, 1946, 610:18, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev.:56-57, 1946.
Sherwood, W. Va. Ext. C. 320 rev.:33, 1946.
Swartwout & Martin, Mo. Ext. C. 506 rev.:3, 1945.
Williams, Conn. Ext. B. 388.13, 1947.
N. J. Ext. Spray Calendar 18:3, 1946. 26, 2 p., 27.3, 1947.
N. Y. St. Hort. Soc. P. 90.331-335, 1945, 91 316-320, 1946, 92 306-310, 1947.
Ohio B. 655 13-14, 1945, 670:14-15, 1947.
Ohio Ext., Dis. & Ins. Control for Home Orch. & Small Fruits.3, 1945.
Va. Ext. B. 131 rev. 24-25, 36, 1947.
- SPRAY CALENDARS & PROGRAMS -
CHERRIES (SOUR)**
Childs et al., Oreg. Ext. B. 664:16, 1946.
Jones et al., Oreg. C. Inform. 358:3, 1945.
- SPRAY CALENDARS & PROGRAMS -
CHERRIES (SWEET)**
Childs et al., Oreg. Ext. B. 664.15, 1946.
West. Colo. Hort. Soc. Trans. f. 1946. 169, 1947.
- SPRAY CALENDARS & PROGRAMS -
CITRUS**
Hines & Lyle, Miss. Ext. C. 114 rev.: 11, 1946.
Hines & Murphree, Miss. Ext. C. 114 rev.:11, 1947.
- SPRAY CALENDARS & PROGRAMS -
CURRANTS & GOOSEBERRIES**
Kelley, Ill. Ext. C. 524:38, 1947. (Repr.)
Powell et al., Ill. Ext. C. 568 rev.:25, 1946; 610:25, 1947.
Williams, Conn. Ext. B. 388.18, 1947.
- SPRAY CALENDARS & PROGRAMS -
FRUIT**
Hockey et al., N. S. Fruit Grow. Assoc. R. 84:155, 1947.
Hoppert et al., Neb. Ext. CC 98, 1 p., 1947.

**SPRAY CALENDARS & PROGRAMS -
FRUIT--Continued.**

- Hough et al., Cumberland-Shenandoah
Fruit Workers' Conf. P. 22: [29-31],
1945.
Pickett, N. S. Fruit Grow. Assoc. R.
83:27-31, 1946, 84:73-77, 79-80,
1947.
Slate, Conn. R. f. 1945/46:9-10.
Sorenson et al., Utah Ext. N. S. C. 127
rev.:3-6, 1945.
Mich. Ext. Folder 17 5th printing,
7 p., 1946.
N. J. Ext. Spray Calendar 18, 8 p.,
1946; 27, 8 p., 1947.

**SPRAY CALENDARS & PROGRAMS -
FRUIT, see also SPRAY CALEN-
DARS & PROGRAMS - SMALL
FRUITS**

**SPRAY CALENDARS & PROGRAMS -
GRAPES**

- Banta, Amer. Fruit Grow. 65(9):15,
1945.
Dickey et al., Fla. B. 436:43, 1947.
Fillinger, Kans. C. 235:39, 1946.
Hines & Lyle, Miss. Ext. C. 114 rev.:
8, 1946.
Hines & Murphree, Miss. Ext. C. 114
rev.:8, 1947.
Isely et al., Ark. Ext. Leaf. 82:2-6,
1947.
Kelley, Ill. Ext. C. 524:37, 1947.
(Repr.)
Lecrone, Okla. Ext. C. 108 rev.:27,31,
1946.
Parks & Allison, Ohio Ext. B. 252
rev.:78, 1945.
Powell et al., Ill. Ext. C. 568 rev.:26,
1945; rev.:26, 1946; 610:25, 1947.
Ragland & Overcash, Miss. Farm Res.
10(12):7, 1947.
Rasmussen et al., Mich. Ext. B. 154
rev.:59, 1946.
Rosborough et al., Tex. Ext. B. 73
rev.:16, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:113, 1947.
Van Cleave & McDaniel, Tenn. Hort.,
Feb. 1947, 1 p.
Williams, Conn. Ext. B. 388:15, 1947.
N. J. Ext. Spray Calendar 18:7, 20,
2 p., 1946; 25, 4 p.; 27:7, 1947.
N. Y. St. Hort. Soc. P. 90:340-342,
1945; 91:326-328, 1946; 92:316-
318, 1947.
Ohio B. 655:17-18, 1945; 670:18-19,
1947.
Ohio Ext., Dis. & Ins. Control for
Home Orch. & Small Fruits:5, 1945.
West. Colo. Hort. Soc. Trans. f. 1946:
1947.

**SPRAY CALENDARS & PROGRAMS -
ONIONS**

- List et al., West. Colo. Hort. Soc.
Trans. f. 1945:147, 1946.
West. Colo. Hort. Soc. Trans. f. 1946:
173, 1947.

**SPRAY CALENDARS & PROGRAMS -
ORCHARDS, see SPRAY CALEN-
DARS & PROGRAMS - FRUIT**

**SPRAY CALENDARS & PROGRAMS -
PEACHES**

- Blackburn & Weaver, Ohio St. Hort.
Soc. P. 100:29-33, 1947.
Breakey & Brannon, Wash. Packer 12
(8):9-10, 1947.
Childs et al., Oreg. Ext. B. 664:13,
1946.
Ferguson et al., La. Ext. B. 7:20-21,
1947. (Repr.)
Fillinger, Kans. C. 235:30, 1946.
Graham et al., Md. Ext. B. 105:34-35,
1945; 112:42-43, 1946.
Hilborn et al., Maine Ext. B. 358:7,
1947.
Hines & Lyle, Miss. Ext. C. 114 rev.:
4-5, 1945; rev.:4-5, 1946.
Hines & Murphree, Miss. Ext. C. 114
rev.:4-5, 1947.
Kelley, Ill. Ext. C. 524:36-37, 1947.
(Repr.)
Lecrone, Okla. Ext. C. 108 rev.:26-
27,29, 1946.
List et al., West. Colo. Hort. Soc.
Trans. f. 1945:138-139, 1946.
b Marcovitch & Stanley, Tenn. B. 195:
22, 1945.
Parks & Allison, Ohio Ext. B. 252
rev.:75-76, 1945.
Powell et al., Ill. Ext. C. 568 rev.:21-
22, 1946; 610:21-22, 1947.
Ragland & Overcash, Miss. Farm
Res. 10(12):6, 1947.
Rasmussen et al., Mich. Ext. B. 154
rev.:55-56, 1946.
Rollins, Conn. Ext. B. 369:9, 1945.
i Rosborough et al., Tex. Ext. B. 73
rev.:13-16, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:113, 1947.
Sanders, La. Ext. C. 259:20-21, 1946.
Sherwood, W. Va. Ext. C. 320 rev.:
29, 1946.
Steiner, Mountaineer Grow. 16(161).
7-8, 1946.
Swartwout & Martin, Mo. Ext. C. 506
rev.:4, 1945.
Thies, Mass. Ext. Fruit Notes Dec.
31, 1945:8-10.
Van Cleave & McDaniel, Tenn. Hort.,
Mar. 1947:1-2.
Watkins, S. C. Ext. Inform. Card 72,
1 p., 1947.
Williams, Conn. Ext. B. 377:25,27,
1946; 388:11, 1947.
Young et al., Ark. Ext. Leaf 81:1-6,
1947.
i Mass. Ext. Leaf. 100B rev.:2 p.,
1946.
Mass. Ext., Spray & Dust Chart,
Peaches, 1 p., 1945; 1 p., 1947.
N. J. Ext. Spray Calendar 12, 4 p.,
1945; 15, 4 p., 1946; 21, 4 p.; 27:2,
1947.
N. Y. St. Hort. Soc. P. 90:335-337,
1945; 91:320-322, 1946; 92:311-
312, 1947.
Ohio B. 655:11, 1945; 670:12, 1947.
Ohio Ext., Dis. & Ins. Control for
Home Orch. & Small Fruits:4, 1945.

**SPRAY CALENDARS & PROGRAMS -
PEACHES--Continued.**

Va. Ext. B. 131 rev.:17-19,37, 1947.
West. Colo. Hort. Soc. Trans. f. 1946:
163-164, 1947.

**SPRAY CALENDARS & PROGRAMS -
PEARS**

Breakey & Brannon, Wash. Packer 12
(8):2, 1947.
Childs et al., Oreg. Ext. B. 663:14-15,
1946.
Filingner, Kans. C. 235:35, 1946.
Hilborn et al., Maine Ext. B. 358:6,
1947.
Hines & Lyle, Miss. Ext. C. 114 rev.
6-7, 1946.
Hines & Murphree, Miss. Ext. C. 114
rev :6-7, 1947.
Hockey et al., N. S. Fruit Grow. Assoc.
R. 82:82-85, 1945, 83 144-148, 1946,
84:152-154, 1947.
Hoppert et al., Neb. Ext. CC 99,1 p.,
1947.
Isely, Ark. Ext. Leaf. 82:7-8, 1947.
Kelley, Ill. Ext. C. 524:36, 1947.
(Repr.)
Lecrone, Okla. Ext. C. 108 rev.:26,30,
1946.
List et al., West. Colo. Hort. Soc.
Trans. f. 1945:142-143,145, 1946.
McDaniel, Tenn. Hort. 25(3) 1, 1947.
Parks & Allison, Ohio Ext. B. 252
rev.:73-74, 1945.
Powell et al., Ill. Ext. C. 568 rev.:18,
1946; 610:18, 1947.
Ragland & Overcash, Miss. Farm Res.
10(12) 6, 1947.
Rasmussen et al., Mich. Ext. B. 154
rev.:58, 1946.
Rosborough et al., Tex. Ext. B. 73
rev.:16-17, 1947.
Ross & Armstrong, Can. Dept. Agr.
Div. Ent. Processed Pub. 40,2 p.,
1946.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:112, 1947.
Swartwout & Martin, Mo. Ext. C. 506
rev.:6, 1945.
Williams, Conn. Ext. B. 377:28, 1946,
388:12, 1947.
N. J. Ext. Spray Calendar 13,4 p.,
1945; 18:4-6, 1946; 27:4-6, 1947.
N. Y. St. Hort. Soc. P. 90:329-331,
1945; 91:312-315, 1946; 92:303-306,
1947.
Ohio B. 655:12, 1945, 670:13, 1947.
Ohio Ext., Dis. & Ins. Control for
Home Orch. & Small Fruits:2, 1945.
Oreg. C. Inform. 411:3, 1947.
Va. Ext. B. 131 rev.:26, 1947.
West. Colo. Hort. Soc. Trans. f. 1946:
168, 1947.

**SPRAY CALENDARS & PROGRAMS -
PECANS**
Hines & Lyle, Miss. Ext. C. 114 rev.:
9, 1946.
Hines & Murphree, Miss. Ext. C. 114
rev.:9, 1947.
Musser et al., S. C. Ext. C. 301:36,
1947.
Phillips & Cole, Fla. B. 411 rev.:59,
1947.

**SPRAY CALENDARS & PROGRAMS -
PLUMS & PRUNES**

Breakey & Brannon, Wash. Packer 12
(8):9, 1947.
Childs et al., Oreg. Ext. B. 664:14,
1946.
Ferguson et al., La. Ext. B. 7 20-21,
1947. (Repr.)
Hilborn et al., Maine Ext. B. 358 7,
1947.
Hines & Lyle, Miss. Ext. C. 114 rev.
4-5, 1946.
Hines & Murphree, Miss. Ext. C. 114
rev. 4-5, 1947.
Kelley, Ill. Ext. C. 524:37, 1947.
(Repr.)
Lecrone, Okla. Ext. C. 108 rev.:26-
27,29, 1946.
List et al., West. Colo. Hort. Soc.
Trans. f. 1945 146, 1946.
Parks & Allison, Ohio Ext. B. 252
rev.:75-76, 1945.
Powell et al., Ill. Ext. C. 568 rev.
23, 1945; rev.:23, 1946, 610 23,
1947.
Ragland & Overcash, Miss. Farm
Res. 10(12):6, 1947.
Rasmussen et al., Mich. Ext. B. 154
rev. 50, 1945; rev.:54, 1946.
Rosborough et al., Tex. Ext. B. 73
rev. 14-16, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:113, 1947.
Sanders, La. Ext. C. 259-20-21, 1946.
Sherwood, W. Va. Ext. C. 320 rev.:
37, 1946.
Swartwout & Martin, Mo. Ext. C. 506
rev. 4, 1945.
West. Colo. Hort. Soc. Trans. f. 1946:
169, 1947.
Williams, Conn. Ext. B. 388:14, 1947.
Young et al., Ark. Ext. Leaf. 81:7-8,
1947.
N. J. Ext. Spray Calendar 11,2 p.,
1945; 18:6, 1946, 19,2 p., 1946,
27:6, 1947.
N. Y. St. Hort. Soc. P. 90:337-338,
1945; 91:322-323, 1946, 92:313-
314, 1947.
Ohio B. 655:12, 1945; 670:13, 1947.
Ohio Ext., Dis. & Ins. Control for
Home Orch. & Small Fruits:4, 1945.
Va. Ext. B. 131 rev.:25,37, 1947.

**SPRAY CALENDARS & PROGRAMS -
POTATOES**
List et al., West. Colo. Hort. Soc.
Trans. f. 1945:147, 1946.
Munro et al., N. Dak. Bimo. B. 9:110,
1947.
Werner, Neb. B. 384:81-82, 1947.
N. J. Ext. Spray Calendar 28,4 p.,
1947.
West. Colo. Hort. Soc. Trans. f. 1946:
173, 1947.

**SPRAY CALENDARS & PROGRAMS -
PRUNES, see SPRAY CALEN-
DARS & PROGRAMS - PLUMS &
PRUNES**

**SPRAY CALENDARS & PROGRAMS -
QUINCES**
Williams, Conn. Ext. B. 388:16, 1947.

- SPRAY CALENDARS & PROGRAMS - QUINCES--Continued.**
 N. Y. St. Hort. Soc. P. 90:339, 1945;
 91:324-325, 1946, 92:315, 1947.
- SPRAY CALENDARS & PROGRAMS - RASPBERRIES**
 Ragland & Overcash, Miss. Farm Res. 10(12):7, 1947.
 Williams, Conn. Ext. B. 388:17, 1947.
- SPRAY CALENDARS & PROGRAMS - REDUCED PROGRAMS**
 Garman, J. Ec. Ent. 38:341-343, 1945.
 Garman, Conn. Pom. Soc. P. 55:21-24, 1946.
- SPRAY CALENDARS & PROGRAMS - SMALL FRUITS**
 N. J. Ext. Spray Calendar 24, 4 p., 1947.
 Ohio B. 655:19, 1945; 670:20, 1947.
- SPRAY CALENDARS & PROGRAMS - STRAWBERRIES**
 Hines & Lyle, Miss. Ext. C. 114 rev.:10, 1946.
 Hines & Murphree, Miss. Ext. C. 114 rev.:10, 1947.
 Powell et al., Ill. Ext. C. 568 rev.:26, 1946; 610:26, 1947.
 Ragland & Overcash, Miss. Farm Res. 10(12):7, 1947.
- SPRAY CONFERENCE - WESTERN CO-OPERATIVE**
 i Milliman, Better Fruit 41(8):7,36-38, 40-42, 1947.
- SPRAY COVERAGE**
 Barrus & Leiby, N. Y. (C.) Ext. B. 518, rev.:15, 1945.
 Brown, J. Ec. Ent. 40:606, 1947.
 Burkholder & Ford, Ind. R. 58:71, 1945.
 Cory et al., Md. Agr. Soc. R. 29:118, 1945.
 Cory et al., Md. St. Hort. Soc. P. 47, 20, 1945.
 Frederickson, Md. Agr. Soc. R. 29:117, 1945.
 Frederickson, Md. St. Hort. Soc. P. 47:19, 1945.
 Powell et al., Ill. Ext. C. 568 rev.:36-37, 1946.
 Rasmussen et al., Mich. Ext. B. 154 rev.:7-8, 54, 1946.
 Roberts, Mass. Ext. Fruit News, Jan. 31, 1946:1-3.
 Williams, Conn. Pom. Soc. R. 56:43-44, 1947.
 Young, Ohio St. Hort. Soc. P. 78:190-191, 1945.
- SPRAY COVERAGE - ARSENIC - TOPPING TREES**
 Burkholder, East. Fruit Grow. 8(10):10-11, 14-15, 1945.
- SPRAY COVERAGE - DDT - FROM AIR-CRAFT**
 i Dowden et al., USDA EPQ E-663:4-5, 1945.
 Johnston, Can. Dept. Agr. Div. Ent. For. Ins. Invest. Bimo. Prog. R. 2 (1):3-4, 1946.
- SPRAY COVERAGE - OIL**
 Redd, Fla. R. f. 1945/46:161-163.
- SPRAY COVERAGE - THOROUGHNESS**
 Sherwood, W. Va. Ext. C. 320 rev.:5-6, 1946.
 i Ohio B. 655:41-44, 1945, 670:41-44, 1947.
- SPRAY DEPOSITS, see SPRAYS - DEPOSITS**
- SPRAY FORMULAE**
 Bennett, Pract. Emulsions ed. 2:262-267, 1947.
 Daunoy, Home Gard. So. 6:333, 1946.
 Filingier, Kans. C. 235:45-46, 1946.
 Howard et al., USDA Misc. Pub. 526 rev.:39-42, 1945.
 Lathrop et al., Maine Ext. B. 353:15, 1947.
 Stiles & Hixson, Okla. Ext. C. 414:3, 1945.
 Van Wormer Tree Serv. Co., Gard. Gossip 21(7):13, 1946.
 Williams, Conn. Ext. B. 377:22-23, 1946, 388:9, 1947.
 Wister, Woman's Home Companion Gard. Book:158-167, 1947.
 Mich. Ext. B. 271:52, 1945.
- SPRAY FORMULAE - DDT**
 Cruz-Monclova, D.D.T. Insectic.:51-70, 1946.
 Daggy et al., Minn. Ext. B. 252:6, 1946.
 Holdaway, Hawaii Farm & Home 9(1). 14-15, 1946.
 Weaver et al., S. Dak. Ext. Leaf. 102:8, 1946. (Repr.)
- SPRAY FORMULAE - QUANTITIES**
 Childs et al., Oreg. Ext. B. 663:8, 664:10, 12, 1946.
 Daggy et al., Minn. Ext. B. 252:6, 1946.
 Hines & Lyle, Miss. Ext. C. 114 rev.:3, 1946.
 Hines & Murphree, Miss. Ext. C. 114 rev.:3, 1947.
 Howard et al., USDA Misc. Pub. 526 rev.:39-42, 1945.
 Locrone, Okla. Ext. C. 108 rev.:28, 1946.
 Morrison et al., Oreg. C. Inform. 382:5, 1946.
 Parks & King, Ohio Ext. B. 76 rev.:61, 1947.
 Pratt et al., N. Y. (C.) Ext. B. 696 rev.:36, 1947.
 Talbert, Gen. Hort.:219-220, 1946.
 Weaver et al., S. Dak. Ext. Leaf. 102:8, 1946. (Repr.)
 Westcott, Gard. Bug Book:42-43, 1946.
 Ohio B. 655:39-40, 1945; 670:40-41, 1947.
 Wash. Ext. B. 279 rev.:16, 1947.
 West. Coop. Spray Proj. Conf., Agr. Chem. 2(3):37, 1947.
- SPRAY FORMULAE - QUANTITIES, SMALL**
 Rosborough et al., Tex. Ext. B. 73 rev.:18, 1947.
 Wildon et al., Mich. Ext. B. 269, inside cover; 270, inside cover, 1945.
 Mich. Ext. Folder F-84:8, 1945.
 Va. Ext. B. 131 rev.:36-37, 1947.

**SPRAY FORMULAE - QUANTITIES,
SMALL - CONVERSION TABLE**
Ohio B. 655:20, 1945, 670:21, 1947.

SPRAY INJURY

- Garman & Brigham, Conn. B. 512:89, 1946.
Hinman & Cowan, USDA EPQ E-722 13,19,21, 1947.
i Hough & Groves, Va. R. f. 1946/47:31
Hough & Hill, Va. R. f. 1946/47:29.
Marshall, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:78, 1946.
Overley et al., Wash. B. 470 52, 1945.
Parker & Eshbaugh, J. Ec. Ent. 40 862, 1947.
Powell et al., Ill. Ext. C. 568 rev. 37-38, 1946.
Rasmussen et al., Mich. Ext. B. 154 rev. 10-11,26-27, 1946.
Schoene, Amer. Pom. Soc. P. 60:150, 1945?
Schoene, Va. Fruit 33(1) 167, 1945.
Whitcomb, Natl. Shade Tree Conf. P. 22 138-143, 1946.
Ohio B. 655:34-38, 1945, 670:35-39, 1947.

SPRAY INJURY - ARSENICALS

- Chandler, Ill. St. Hort. Soc. Trans. 78 346-348, 1945.
Daines, Hoosier Hort. 28:41-43, 1946.
Daines, Ill. St. Hort. Soc. Proc. 79 225-228, 1946.
Daines, Ind. Hort. Soc. Trans. 85 64-66, 1946.
Daines, Tenn. St. Hort. Soc. P. 41 45-47, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711 64, 1947.
Powell & Chandler, Ill. Fruit Exch. News 10(9):2, 1946.
Powell & Chandler, Ill. St. Hort. Soc. Trans. 79:373-376, 1946.
Talbert, Mo. B. 491:50, 1945.
Taylor, Cumberland-Shenandoah Fruit Workers' Conf. P. 22: [19-20], 1945.
Ohio B. 655:36-37, 1945, 670:37-38, 1947.

SPRAY INJURY - ARSENICALS - EFFECT OF CRYOLITE

- Marcovitch & Stanley, Tenn. R. 58:108, 1946.

SPRAY INJURY - ARSENICALS - EFFECT OF FERTILIZERS ON

- bi Marcovitch & Stanley, Tenn. B. 195. 10-11, 1945.

SPRAY INJURY - BARIUM FLUOSILICATE & FISH OIL

- Baker et al., Wash. B. 497:44, 1947.

SPRAY INJURY - BENZENE HEXACHLORIDE & FUNGICIDES

- Bonde & Snyder, Maine B. 449:265-268,345-347, 1947.

SPRAY INJURY - BORDEAUX MIXTURE

- Klotz & Middleton, Cit. Leaves 25(11): 18,26, 1945.
Ohio B. 655:35-36, 1945; 670:37, 1947.

SPRAY INJURY - CALCIUM ARSENATE

- Baker et al., Wash. B. 497:44, 1947.

SPRAY INJURY - CRYOLITE

- Snapp, Tenn. St. Hort. Soc. P. 41:29, 1947.

SPRAY INJURY - DDT

- Brown & Alban, Amer. Soc. Hort. Sci. P. 49:320-324, 1947.
Chandler, Ill. Fruit Exch. News 10(9) 4, 1946.
Corliss, Trees 8(1) 16, 1947.
Driggers, J. Ec. Ent. 39 183, 1946.
Ebeling, J. Ec. Ent. 38 562-563, 1945. 40:629-630, 1947.
Farrar, Flor. Rev. 97:34, 1946.
Fluke et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:86-87, 1947.
Gardner & Michelbacher, Cal. C. 365 38, 1946.
Higgins, Natl. Shade Tree Conf. P. 23 152, 1947.
Holdaway & Nishida, Hawaii R. f. 1944/46:59,61, 1947.
Kido & Allen, Agr. Chem. 2(6) 22-23, 67, 1947.
Parr & Baker, USDA EPQ E-667.7, 1945.
Rice & Stearns, Peninsula Hort. Soc. Trans. 59 29, 1946.
Richardson, Iowa St. Hort. Soc. Trans. 80 72,74, 1945.
Richardson, J. Ec. Ent. 39 393, 1946
i Romney et al., J. Ec. Ent. 40 430, 1947.
Steiner, Pa. B. 475 sup. 1 2-3, 1946.
Warner, Natl. Shade Tree Conf. P. 23 203-204, 1947.

SPRAY INJURY - DDT & BORDEAUX MIXTURE

- Smith, Va. R. f. 1946/47 53.

SPRAY INJURY - DDT & FERMATE

- i Hough & Groves, Va. R. f. 1946. 47. 31.

SPRAY INJURY - DDT & OIL

- Brann, N. Y. St. Hort. Soc. P. 92 174-175, 1947.

- Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77-78, 1946.

- Chandler, Ill. St. Acad. Sci. Trans. 39:132-133, 1946.

- Chandler, Ill. St. Hort. Soc. Trans. 79:276-283,288, 1946, 80 181-182, 184, 1947.

- Cutright & Sutton, J. Ec. Ent. 40:559, 1947.

- Hough, Va. Fruit 35(1) 83, 1947.

- Parenica et al., J. Ec. Ent. 39:329, 334, 1946.

SPRAY INJURY - DDT EMULSION

- Trullinger et al., USDA OES R. f. 1945/46:106, 1947.

SPRAY INJURY - DDT MIXTURES

- Ditman, J. Ec. Ent. 39:221-222, 1946.
Steiner, Va. Fruit 34:144, 1946.

- Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:51-52, 1947.

- Steiner et al., Ind. Hort. Soc. Trans. 86:87-88, 1947.

SPRAY INJURY - DN-111

- Bourne & Whitcomb, Mass. B. 428: 34, 1945.

SPRAY INJURY - DN COMPOUNDS

- Hough, Va. Fruit 35(1):83, 1947.

SPRAY INJURY - HEXAETHYL TETRA-PHOSPHATE
Whitcomb et al., Mass. B. 441:37, 1947.

SPRAY INJURY - KEROSENE
Ebeling, J. Ec. Ent. 39:795-797, 1946.

SPRAY INJURY - LEAD ARSENATE
i Filfinger, Kans. C. 235:27, 1946.
Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [18], 1946.
Jardine et al., USDA OES R. f. 1943/44:53, 1945.
Snapp, J. Ec. Ent. 38:418, 1945.

SPRAY INJURY - LEAD ARSENATE & FISH OIL
Baker et al., Wash. B. 497:43-44, 1947.

SPRAY INJURY - LIME
Ohio Ext. B. 128, ed. 10:38; Ohio B. 655 rev.:38, 1945.

SPRAY INJURY - LIME-SULFUR
Childs et al., Oreg. Ext. B. 663:9, 1946.
b Wester, Amer. Soc. Hort. Sci. P. 46: 416-421, 1945.
Ohio B. 655:36, 1945; 670:37, 1947.

SPRAY INJURY - LIME-SULFUR & ZINC
i Lewis, Cal. Citrog. 31:112, 1946.

SPRAY INJURY - LIME-SULFUR & ZINC OXIDE
Cal. Fruit Grow. Exch. Pest Control C. 123:2, 1945.

SPRAY INJURY - MAGNESIUM
Peters, Mass. Ext. Fruit Notes Sept. 28, 1945:3-4.

SPRAY INJURY - OIL
Brower, J. Ec. Ent. 40:694, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:87.
Thompson, Fla. R. f. 1946/47:153-155.
b Wester, Amer. Soc. Hort. Sci. P. 46: 412-421, 1945.

SPRAY INJURY - OIL (SUMMER)
Reek, Ont. Agr. Col. & Expt. Farm R. 71:75, 1946.

SPRAY INJURY - PARIS GREEN
Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34:92, 1947.

SPRAY INJURY - PHENOL DERIVATIVES, CHLORINATED
Weinman & Decker, J. Ec. Ent. 40:75, 78, 1947.

SPRAY INJURY - PHENOTHIAZINE
Baker et al., Wash. B. 497:48, 51, 1947.

SPRAY INJURY - ROTENONE
Eide, Wash. St. Hort. Assoc. P. 42: 121, 1946.

SPRAY INJURY - ROTENONE & SOAP & TANNIC ACID
Baker et al., Wash. B. 497:44, 1947.

SPRAY INJURY - SULFUR
Butterfield, Cal. Ext. C. 80 rev.:46, 1947.

SPRAY INJURY - ZINC ARSENITE
Baker et al., Wash. B. 497:44, 1947.

SPRAY INJURY - ZINC SULFATE MIXTURES
Buchanan, Wash. B. 482:43, 1946.

SPRAY INJURY & FROGEYE LEAF SPOT
Powell, Ill. St. Hort. Soc. Trans. 78: 305-312, 1945.

SPRAY INJURY TO APPLES
Childs et al., Oreg. Ext. B. 663:7, 1946.
Rice & Stearns, Peninsula Hort. Soc. Trans. 59:29, 1946.
Ohio Ext. B. 128, ed. 10:5, Ohio B. 655 rev.:5, 1945.

SPRAY INJURY TO APPLES - FOLIAGE
Moon & Harley, Amer. Soc. Hort. Sci. P. 47:11-14, 1946.

SPRAY INJURY TO CHRYSANTHEMUMS
Farrar, Flor. Rev. 97:34, 1946.

SPRAY INJURY TO CITRUS
i Lewis, Cal. Citrog. 31:112, 1946.

SPRAY INJURY TO CUCURBITS - DDT (DEENATE)
Brown & Alban, Ohio Veg. & Potato Grow. Assoc. P. 32:59-67, 1947.

SPRAY INJURY TO GUAYULE - DDT
Romney, J. Ec. Ent. 40:481, 1947.

SPRAY INJURY TO PEACHES
Daines, Tenn. St. Hort. Soc. P. 41: 45-47, 1947.

SPRAY INJURY TO PEACHES & CANKER OF PEACH
Hildebrand, N. Y. (C.) M. 276:46, 1947.

SPRAY MATERIALS
Campbell, R. I. R. 57:19, 1945.
Graham, B. C. Lumberm. 29(4):64, 1945.
b Knippling, Natl. Malar. Soc. J. 5:113-120, 1946.
Pyenson, Flower Grow. 32:147-148, 1945.
Smith & Wilson, Almond Facts 10(1): 1,3, 1946.
Smith et al., in Hutchison, Cal. Agr.: 255-257, 261-263, 1946.
Usinger, J. Ec. Ent. 38:588-591, 1945.

SPRAY MATERIALS, see also FLIES - SPRAYS; LARVICIDES; OVICIDES

SPRAY MATERIALS - ADJUVANTS, see SPRAY ADJUVANTS

SPRAY MATERIALS - ALORCO, see SPRAY MATERIALS - CRYOLITE (ALORCO)

SPRAY MATERIALS - AMER. CYAN. 899, see SPRAY MATERIALS - DI-2-ETHYLHEXYL-PHTHALATE (AMER. CYAN. 899)

SPRAY MATERIALS - ANABASINE
Bottger & Bowen, USDA EPQ E-710, 5 p., 1946.

SPRAY MATERIALS - ANABASINE - SYNERGISTS
Siegler & Bowen, J. Ec. Ent. 40:576-577, 1947.

SPRAY MATERIALS - ANABASINE SULFATE
Baker et al., Wash. B. 497:40, 45-46, 1947.

SPRAY MATERIALS - ANABASINE SULFATE & OIL EMULSION
Baker et al., Wash. B. 497:43, 1947.

SPRAY MATERIALS - ARSENIC

b Matthyse, N. Y. (C.) B. 832:40,62, 64,66, 1946.

SPRAY MATERIALS - ARSENICALS

Mills & Dewey, N. Y. (C.) Ext. B. 306 rev..53, 1946.

Scott & Scott, Chrysanthemums for Pleasure:15,28-29, 1947.

SPRAY MATERIALS - ARSENICALS, see

also **SPRAY MATERIALS - CALCIUM ARSENATE, SPRAY MATERIALS - COPPER ARSENATE, SPRAY MATERIALS - LEAD ARSENATE; SPRAY MATERIALS - MAGNESIUM ARSENATE, SPRAY MATERIALS - ZINC ARSENITE**

SPRAY MATERIALS - ARSENICALS - EFFECT ON SCALE POPULATIONS

Griffiths, Fla. R. f. 1946/47 162.

SPRAY MATERIALS - ARSENICALS - TOXICITY TO HONEYBEES

Dyce, N. Y. St. Hort. Soc. P. 92:98-99, 1947.

SPRAY MATERIALS - AZOBENZENE

Brown et al., Can. Ent. 79:161,164,166, 1947.

Hixson & Muma, Neb. R. 60, 1947.

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23. [16], 1946.

Hough & Underhill, Va. R. f. 1946/47 30.

SPRAY MATERIALS - AZOBENZENE & KEROSENE

Hixson & Muma, Neb. R. 60:56, 1947.

SPRAY MATERIALS - BARIUM FLUOSILICATE & FISH OIL

Baker et al., Wash. B. 497.42, 1947.

SPRAY MATERIALS - BARIUM FLUOSILICATE & SUGAR, BROWN

Gray & Schuh, Oreg. Seed Grow.

League P. Ann. Mtg. 4:47, 1945.

SPRAY MATERIALS - BENZENE BENZOATE & KEROSENE

Hixson & Muma, J. Ec. Ent. 40:597, 1947.

SPRAY MATERIALS - BENZENE HEXACHLORIDE

Baver, N. C. R. 69:80, 1946.

Bobb, Va. R. f. 1946/47.29.

Bobb & Grayson, Va. R. f. 1946/47:30.

Brannon et al., Wash. St. Hort. Assoc. P. 43:9-10, 1947.

Cuff, Agr. Chem. 1(6):26, 1946.

Cuff, Down to Earth 3(2):3-4, 1947.

Cutright & Sutton, Ohio St. Hort. Soc. P. 100:65,67, 1947.

Davis, Hoosier Hort. 29:83, 1947.

Driggers, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:63, 1947.

Driggers, N. J. St. Hort. Soc. Hort. News 28:1917,1925, 1947.

Eide, Wash. St. Hort. Assoc. P. 42:

122,126, 1946.

Garman & Townsend, Conn. B. 512:78, 1946.

Gentry, Vet. Med. 42:185-186, 1947.

Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:

[18], 1946.

Graham & Cory, Md. Agr. Soc. R. 31:

115, 1947.

SPRAY MATERIALS - BENZENE HEXACHLORIDE--Continued.

Graham & Cory, Md. St. Hort. Soc. P. 49:26, 1947.

Gregson, Can. Ent. 78.201-202, 1946.

Habson, Poland China World 34(6):

35-37, 1947.

Hinrichs & Bieberdorf, Okla. Pecan

Grow. Assoc. P. f. 1947:25,27.

i Hixson & Muma, Down to Earth 3(2):

13, 1947.

Hixson & Muma, Neb. R. 60:55-56,

1947.

Holdaway et al., Hawaii R. f. 1944/46:

63, 1947.

Howell et al., Rocky Mountain Conf.

Ent. R. 18:4-5, 1947.

Kelsheimer, Fla. B. 434.7,12,16-17,

1947.

Kemp, Md. R. 60:15, 1947.

Knippling, Natl. Malar. Soc. J. 5 115,

1946.

Lacey, Equity News 12(7):3, 1947.

Massey, Rocky Mountain Conf. Ent.

R. 18:6, 1947.

Morgan, Can. Ent. 79:109, 1947.

Muma, Neb. Ext. C. 1548 rev.,4 p.,

1947.

Munro et al., N. Dak. Bimo. B. 9:109,

1947.

Newcomer, Wash. St. Hort. Assoc. P.

43:20-22; 45-46, 1947.

O'Neill, Oreg. St. Hort. Soc. P. 39:64,

1947.

Peterson, Peninsula Hort. Soc. Trans.

60:82-84, 1947.

Porter, Amer. Fruit Grow. 67(8):43,

45, 1947.

Radeleff, Vet. Med. 42:373, 1947.

Ruprecht, Fla. St. Hort. Soc. P. 60:

163, 1947.

Russell, Fla. R. f. 1945/46:124-125.

Simms, USDA BAI R. f. 1945/46:43-

45.

Smith, Cumberland-Shenandoah Fruit

Workers' Conf. P. 23: [20], 1946.

Snapp, Hoosier Hort. 29:27-28, 1947.

Snapp, Tenn. St. Hort. Soc. P. 41:29,

1947.

Snapp & Hollon, Assoc. South. Agr.

Workers P. 44:131, 1947. (Abs.)

Stafford & Hinkley, Cal. C. 365:91-93,

1946.

Steiner, Pa. St. Hort. Assoc. P. 87:

88,90, 1946.

Stuckey, Ga. R. 59:104-106, 1947.

Whitcomb & Garland, Mass. B. 441:

39, 1947.

Whitcomb et al., Mass. Fruit Grow.

Assoc. R. 52:66-67, 1946.

Wilson & Slesman, Ohio Veg. & Po-

tato Grow. Assoc. P. 31:202,204,207,

1946.

Wingo, Mo. St. Hort. Soc. Hort. News

7(11):1-2, 1947.

Wolfenbarger, Fla. Ent. 28:82-83,

1946.

Woodruff & Turner, Conn. B. 512:60-

61,66, 1946.

- SPRAY MATERIALS - BENZENE HEXACHLORIDE, *see also* SPRAY MATERIALS - DDT & BENZENE HEXACHLORIDE; SPRAY MATERIALS - DDT (WETTABLE) & BENZENE HEXACHLORIDE; SPRAY MATERIALS - LEAD ARSENATE vs. BENZENE HEXACHLORIDE
- SPRAY MATERIALS - BENZENE HEXACHLORIDE - COMPATIBILITY & FUNGICIDES
Dustan et al., Sci. Agr. 26:116, 1946.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE - EFFECT OF ODOR
Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23. [19], 1946.
Graham & Cory, Md. Agr. Soc. R. 31: 115, 1947.
- Magie, Gladiolus Mag. 11(4):18, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE - EFFECT ON FLAVOR
Annand, USDA EPQ R. f. 1945/46:11.
Bobb, Va. Fruit 35(1):49, 1947.
Eide, Wash. St. Hort. Assoc. P. 42: 123, 1946.
Porter, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:63, 1947.
Smith, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [20], 1946.
Snapp, Hoosier Hort. 29:27, 1947.
Snapp, Ind. Hort. Soc. Trans. 86:103, 1947.
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:88, 1947.
Wingo, Mo. St. Hort. Soc. Hort. News 7(11):1, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE - RESIDUAL EFFECTS
Dustan et al., Sci. Agr. 26:114-116, 1946.
Fay et al., J. Ec. Ent. 40:635-636, 638, 640, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE - TESTS
Brown & Hurtig, J. Ec. Ent. 40:277, 1947.
b Brown et al., Can. Ent. 79:161-165, 1947.
Carpenter, J. Ec. Ent. 40:136-137, 1947.
Cox, J. Ec. Ent. 40:195-198, 589-590, 1947.
bi Cutkomp, J. Ec. Ent. 40:328-333, 1947.
Glasgow & Collins, J. Ec. Ent. 39: 237-240, 1946.
Graham & Cory, J. Ec. Ent. 39:816, 1946; 40:752-754, 1947.
Hamilton, J. Ec. Ent. 40:235-236, 1947.
Hill & Hixson, J. Ec. Ent. 40:137-138, 1947.
b Hixson & Muma, J. Ec. Ent. 40:451, 1947.
Hoerner & Edmundson, J. Ec. Ent. 40: 604-605, 1947.
b Kulash, J. Ec. Ent. 40:651-654, 1947.
Langford & Squires, J. Ec. Ent. 40: 269-270, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE - TESTS--Continued.
McKelvey et al., J. Ec. Ent. 40:477-479, 1947.
Madden et al., J. Ec. Ent. 40:122-123, 1947.
Parker & Eshbaugh, J. Ec. Ent. 40: 861-862, 864, 1947.
b Plummer & Shaw, J. Ec. Ent. 40: 483-486, 501-504, 1947.
Portman, J. Ec. Ent. 40:134-135, 1947.
Snapp, J. Ec. Ent. 40:135-136, 1947.
Weinman, J. Ec. Ent. 40:567-568, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE - TOXICITY
Gersdorff & McGowan, Soap & Sanit. Chem. 21(11):117, 121, 1945.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & AIR CURRENTS
i Dustan et al., Can. Ent. 79:45-50, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & BORDEAUX MIXTURE
Gardiner, Can. Min. Agr. R. f. 1946/47:83.
Phillips, Fla. R. f. 1946/47:66; f. 1946/47:71.
Sleesman, Veg. Grow. Assoc. Amer. Inc. R. 39:118, 1947.
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 32:126-127, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & BORDEAUX & OIL
Cox, Pa. B. 480, Sup. 3:10, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & FUNGICIDES
Bonde & Snyder, Maine B. 449:265-267, 345-347, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & KEROSENE
Hoskins & Caldwell, Soap & Sanit. Chem. 23(4):144, 163, 165, 167, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & NABAM
Wolfenbarger, Fla. R. f. 1946/47:250.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & OIL
Annand, USDA EPQ R. f. 1946/47:11.
Cobbett, Amer. J. Vet. Res. 8:280-283, 1947.
Flebut et al., Rocky Mountain Conf. Ent. R. 18:7, 1947.
Wolfenbarger, Fla. R. f. 1946/47:249.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & OIL - TOXICITY
Morgan, Can. Ent. 79:109, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & OIL (SUMMER)
Gardiner, Can. Min. Agr. R. f. 1946/47:84, 86.
Hamilton, N. Y. St. Hort. Soc. P. 92: 161-162, 1947.
- SPRAY MATERIALS - BENZENE HEXACHLORIDE & OIL EMULSION
Snapp, Ind. Hort. Soc. Trans. 86:102-103, 1947.
Snapp, Tenn. St. Hort. Soc. P. 41:29, 1947.

- SPRAY MATERIALS - BENZENE HEXA-CHLORIDE & OIL EMULSION-- Continued.
Wolfenbarger, Fla. Mango Forum P. 7:17-18, 1947.
- SPRAY MATERIALS - BENZENE HEXA-CHLORIDE (GAMEX)
Tissot & Janes, Fla. R. f. 1946/47:70.
- SPRAY MATERIALS - BENZENE HEXA-CHLORIDE (GAMMEXANE)
Chamlin, Pests 15(5):18,20-21, 1947.
Garman, Conn. Pom. Soc. R. 56:23-27, 1947.
- SPRAY MATERIALS - BENZENE HEXA-CHLORIDE (GAMTOX)
Hough & Hill, Va. R. f. 1946/47:32.
Pepper, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [17], 1946.
Post et al., N. Dak. Bimo. B. 10:64-65, 1947.
- SPRAY MATERIALS - BENZENE HEXA-CHLORIDE (WETTABLE)
Hanson, Berkshire News 12(9):4,19, 1947.
Munro et al., N. Dak. Bimo. B. 9:124, 127-128, 1947.
Pierce, Tex. Pecan Grow. Assoc. P. 26:49-50, 1947.
- SPRAY MATERIALS - BENZENE HEXA-CHLORIDE (WETTABLE) & SULFUR
Whitcomb, Mass. B. 44:38, 1947.
- SPRAY MATERIALS - BENZENE HEXA-CHLORIDE MIXTURES
Bobb, Va. Fruit 35(1):47-53, 1947.
Garman, Conn. B. 512:87-88, 1946.
Graham, Md. Agr. Soc. R. 31:117-118, 121, 1947.
Graham & Cory, Md. St. Hort. Soc. P. 49:28-29, 1947.
- SPRAY MATERIALS - BENZYL BENZOATE
b Hixson & Muma, J. Ec. Ent. 40:451, 1947.
Hixson & Muma, Neb. R. 60:56, 1947.
Smith & Gouck, J. Ec. Ent. 40:790-792,794, 1947.
- SPRAY MATERIALS - BENZYL BENZOATE, see also SPRAY MATERIALS - DDT & BENZYL BENZOATE
- SPRAY MATERIALS - BENZYL BENZOATE & TRITON X-100
Hixson & Muma, Neb. R. 60:55, 1947.
- SPRAY MATERIALS - BILL-POSTER'S PASTE
Wildon et al., Mich. Ext. B. 269:25; 270:31-32; 271:47, 1945.
- SPRAY MATERIALS - 2,2-BIS(p-BROMOPHENYL)-1,1,1-TRICHLOROETHANE
List & Hoerner, J. Ec. Ent. 40:138, 1947.
Weihsing & Hoerner, Amer. Soc. Agron. J. 39:347-348, 1947.
- SPRAY MATERIALS - BIS(p-CHLORO-PHENOXY)METHANE & OIL
Jeppson, Cit. Leaves 27(5):14-15, 1947.
O'Neill, Oreg. St. Hort. Soc. P. 39:64, 1947.
- SPRAY MATERIALS - BIS(p-CHLORO-PHENOXY)METHANE (DOW K-1875)
Newcomer, Wash. St. Hort. Assoc. P. 43:21-22, 1947.
O'Neill, Oreg. St. Hort. Soc. P. 39:64, 1947.
- SPRAY MATERIALS - BIS(p-CHLORO-PHENOXY)METHANE MIXTURES
Thompson, Fla. R. f. 1946/47:155.
- SPRAY MATERIALS - 2,2-BIS(p-CHLOROPHENYL)-1,1-DICHLOROETHANE, see SPRAY MATERIALS - DICHLORODIPHENYL-DICHLOROETHANE
- SPRAY MATERIALS - 1,1-BIS(p-CHLOROPHENYL)ETHANOL
Cutright & Sutton, J. Ec. Ent. 40:560-561, 1947.
Cutright & Sutton, Ohio St. Hort. Soc. P. 100:67-68, 1947.
Newcomer, Wash. St. Hort. Assoc. P. 43:22, 1947.
Pass, Can. Flor. 41:150, 1946.
- SPRAY MATERIALS - BIS(2-THIOCYANOETHYL)ETHER
Lange, Cal. C. 365:41-44, 1946.
- SPRAY MATERIALS - BIS(2-THIOCYANOETHYL)ETHER, see also SPRAY MATERIALS - LETHANE B-72
- SPRAY MATERIALS - BLACK LEAF 40, see SPRAY MATERIALS - NICOTINE SULFATE
- SPRAY MATERIALS - BLACK LEAF 155, see SPRAY MATERIALS - NICOTINE BENTONITE
- SPRAY MATERIALS - BLADAN, see SPRAY MATERIALS - HEXAETHYL TETRAPHOSPHATE
- SPRAY MATERIALS - BOLL WEEVIL SPRAY, PROPRIETARY
USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.:9, 1947.
- SPRAY MATERIALS - BORAX (POWDERED) & SODIUM LAURYL SULFATE
McDaniel, Mich. Quart. B. 29:329, 1947.
- SPRAY MATERIALS - BORDEAUX MIXTURE
Anderson, J. Ec. Ent. 38:564-566, 1945.
Baker et al., Wash. B. 497:41,43-44, 1947.
Barrus & Leiby, N. Y. (C.) B. 518 rev.:2-3, 1945.
Bourne, Mass. B. 428:37, 1945.
Boyd, Hawaii Ext. C. 47 rev.:1, 1945.
Childs et al., Oreg. Ext. B. 663:10; 664:10-11, 1946.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:60,83-84, 1947.
Fleming & Maines, J. Ec. Ent. 40:846-848, 1947.
Hinrichs & Biebersdorf, Okla. Pecan Grow. Assoc. R. f. 1945:60-61,64.
Jardine et al., USDA OES R. f. 1944/45:57-58, 1946.

SPRAY MATERIALS - BORDEAUX MIXTURE--Continued.

- Leach & Bishop, W. Va. B. 326:29-30, 1946.
 Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:7, 1945.
 McKelvey et al., J. Ec. Ent. 40:477-479, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 711:81, 1947.
 Morisset, Quebec Soc. Protect. Plants R. 30:64-65, 1947.
 Neely, Amer. Potato J. 23:136-137, 1946.
 Nichols et al., Iowa St. Hort. Soc. Trans. 80:106, 1945.
 Parks & King, Ohio Ext. B. 76 rev.:56-58, 1947.
 Phillips & Cole, Fla. B. 411 rev.:56, 1947.
 Pickett et al., Sci. Agr. 26:598, 1946.
 Powell et al., Ill. Ext. C. 568 rev.:39, 1946.
 Pratt et al., N. Y. (C.) B. 686:35, 1946.
 Price, Ky. Ext. C. 435:3-4,7-8, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.:44-46, 1946.
 Slesman & Wilson, Ohio B. 659:115, 1945.
 Slesman & Wilson, Veg. Grow. Assoc. Amer. R. 37:184, 1945.
 Slesman et al., Amer. Potato J. 22:243-250, 1945.
 Swartwout & Martin, Mo. Ext. C. 506 rev.:7, 1945.
 Talbert, Gen. Hort.:222-223, 1946.
 Tate & Hill, Neb. Ext. C. 1529:2-3, 1945.
 Thurston, Pa. B. 480, Sup. 3:8-9, 1947.
 Turner, Conn. B. 488:350,352-356, 1945.
 Young, Tex. C. 113:61, 1946.
 Mich. Ext. B. 271:42, 1945.
 Ohio B. 655:28-30, 1945; 670:29-31, 1947.

SPRAY MATERIALS - BORDEAUX MIXTURE, see also SPRAY MATERIALS - BENZENE HEXACHLORIDE & BORDEAUX MIXTURE; SPRAY MATERIALS - CALCIUM ARSENATE & BORDEAUX MIXTURE; SPRAY MATERIALS - CALCIUM ARSENATE & NICOTINE SULFATE & BORDEAUX MIXTURE; SPRAY MATERIALS - DDT & BORDEAUX MIXTURE; SPRAY MATERIALS - DDT & LEAD ARSENATE & BORDEAUX MIXTURE; SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE & BORDEAUX MIXTURE; SPRAY MATERIALS - LEAD ARSENATE & BORDEAUX MIXTURE; SPRAY MATERIALS - METHOXYCHLOR & BORDEAUX MIXTURE; SPRAY MATERIALS - NICOTINE SULFATE & BORDEAUX MIXTURE

SPRAY MATERIALS - BORDEAUX MIXTURE - EFFECT ON PLANTS
 b Miller & Schuster, J. Agr. Res. 71:465-469, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE - FORMULAE
 Bonde & Soucy, Maine B. 438:538-539, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE & CALCIUM ARSENATE
 Bourne, Mass. B. 428:37, 1945.

Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:6, 1945.

Slesman et al., Amer. Potato J. 22:243-250, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE & COPPER ARSENATE (BASIC)

Tate & Hill, Neb. Ext. C. 1529:3, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE & LIME

Rawlins et al., N. Y. (C.) R. 58:120, 1946.

SPRAY MATERIALS - BORDEAUX MIXTURE & NICOTINE

Hinrichs & Bleberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:84.

SPRAY MATERIALS - BORDEAUX MIXTURE & NICOTINE SULFATE

Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:37, 1946.

Phillips, Fla. R. 57:63, 1946?

Tate & Hill, Neb. Ext. C. 1529:3, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE & NICOTINE SULFATE & OIL EMULSION

Phillips, Fla. R. f. 1946/47:66.

SPRAY MATERIALS - BORDEAUX MIXTURE & NICOTINE SULFATE & SPREDRITE

Osorio, Control de Plagas 8 [i.e. 7]:73,75, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE & OIL

Dewey, N. Y. St. Hort. Soc. P. 92:51, 1947.

Watkins & Logan, N. Y. (C.) R. 57:125, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE & OIL (SUMMER)

Richardson, Iowa St. Hort. Soc. Trans. 82:141, 1947.

SPRAY MATERIALS - BORDEAUX MIXTURE & OIL EMULSION

Hockey et al., N. S. Fruit Grow. Assoc. R. 82:84, 1945; 83:147, 1946; 84:160, 1947.

Talbert, Mo. St. Hort. Soc. Hort. News 5(11):5, 1946.

SPRAY MATERIALS - BORDEAUX MIXTURE & ROTENONE

Brann, N. Y. (G.) R. 65:16, 1947.

SPRAY MATERIALS - BORDEAUX MIXTURE & RYANEX

Brann, N. Y. (G.) R. 65:16, 1947.

SPRAY MATERIALS - BORDEAUX MIXTURE & SULFUR (WETTABLE)

Watson, Fla. Grow. 53(8):14, 1945.

SPRAY MATERIALS - BORDEAUX MIXTURE & ZINC ARSENITE

Tate & Hill, Neb. Ext. C. 1529:3, 1945.

- SPRAY MATERIALS - BORDEAUX MIXTURE (HOME-MADE)**
Robinson, Oreg. Ext. B. 667,2 p., 1946
- SPRAY MATERIALS - C-420**
O'Neill, Oreg. St. Hort. Soc. P. 39:64, 1947.
- SPRAY MATERIALS - C-622**
O'Neill, Oreg. St. Hort. Soc. P. 39-64, 1947.
- SPRAY MATERIALS - CP-100, see**
SPRAY MATERIALS - CYCLO-HEXYLAMINE DERIVATIVE
- SPRAY MATERIALS - CALCIUM ARSENATE**
Fox & Perron, Ent. Soc. Ont. R. 76 27-31, 1946.
Howard & Rich, R. I. Misc. Pub. 29:3, 1946.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198.3, 1945.
Phillips & Cole, Fla. B. 411:58-59, 1945, rev. 56-57, 1947.
Porter, Md. St. Hort. Soc. P. 47.12, 1945.
Rasmussen et al., Mich. Ext. B. 154 rev. 18, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE, see also SPRAY MATERIALS - BORDEAUX MIXTURE & CALCIUM ARSENATE, SPRAY MATERIALS - DDT & BORDEAUX MIXTURE & CALCIUM ARSENATE**
- SPRAY MATERIALS - CALCIUM ARSENATE - EFFECT ON POTATOES**
b Wilson & Slesman, Amer. Potato J. 23 58-63, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE - SPREADERS & STICKERS**
Graham, Iowa St. Col. J. Sci. 22:33, 1947.
- SPRAY MATERIALS - CALCIUM ARSENATE & BORDEAUX MIXTURE**
Bissell & Firor, Ga. Ext. B. 501 rev. 21, 1946, rev. 21, 1947.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev. 27, 1947.
Firor, Ga. Ext. B. 518 rev. 17, 1946.
Knowlton & Peay, Utah Mimeo. Ser. 325.1, 1946.
Musser et al., S. C. Ext. C. 301:27,36, 1947.
i Phillips & Cole, Fla. B. 411:19-20,28, 1945.
Price, Ky. Ext. C. 435:3, 1947.
Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44 3-4, 1946.
Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-192, 1946.
Vorhies & Wehrle, Ariz. B. 203:20, 1946.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196,205-206, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE & COC-S**
Slesman et al., Amer. Potato J. 22: 243-250, 1945.
- SPRAY MATERIALS - CALCIUM ARSENATE & COPPER**
Leiby & Barrus, N. Y. (C.) Ext. B. 435: 6, 1945.
- SPRAY MATERIALS - CALCIUM ARSENATE & COPPER (FIXED)**
Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-190, 192, 1946.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196, 205-206, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE & FERBAM**
Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-190, 192, 1946.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196, 205-206, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE & FUNGICIDES**
Doyle et al., Quebec Soc. Protect. Plants R. 30:161-170, 1947.
Muncie & Morofsky, Mich. TB 204:6, 9,12, 1947.
Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-192, 1946.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196, 205-206, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE & LIME**
Mills & Dewey, N. Y. (C.) Ext. B. 306 rev. 21, 1946.
Price, Ky. Ext. C. 435:4, 1947.
Vorhies & Wehrle, Ariz. B. 203:20, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE & METHASAN**
Slesman et al., Amer. Potato J. 22: 243-250, 1945.
- SPRAY MATERIALS - CALCIUM ARSENATE & NICOTINE SULFATE & BORDEAUX MIXTURE**
Firor, Ga. Ext. B. 518 rev. 19, 1946.
- SPRAY MATERIALS - CALCIUM ARSENATE & OIL**
Essig, Food Packer 28(12):62, 1947.
Michelbacher et al., Agr. Chem. 2(3). 21-23,52-54,68, 1947.
- SPRAY MATERIALS - CALCIUM ARSENATE & SYRUP**
Westbrook, Ga. Ext. B. 523:39, 1945.
- SPRAY MATERIALS - CALCIUM ARSENATE & TRITON B-1956**
Doyle et al., Quebec Soc. Protect. Plants R. 30:158,160-170, 1947.
- SPRAY MATERIALS - CALCIUM ARSENATE & ZIRAM**
Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-189,192, 1946.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196, 205-206, 1946.
- SPRAY MATERIALS - CALCIUM CYANAMID & SODIUM FLUOSILICATE - COTTON DEFOLIATION**
Marcovitch, J. Ec. Ent. 38:395-396, 1945.
- SPRAY MATERIALS - CALCIUM CYANIDE & LINSEED OIL**
Gardiner, Can. Min. Agr. R. f. 1946/47:84

- SPRAY MATERIALS - CAMPHENE, CHLORINATED**
Newcomer, Wash. St. Hort. Assoc. P. 43:20-21; 45-46, 1947.
- SPRAY MATERIALS - CAMPHENE CHLORINATED, see also SPRAY MATERIALS - TOXAPHENE**
- SPRAY MATERIALS - CARBOLIC ACID, see SPRAY MATERIALS - PHENOL**
- SPRAY MATERIALS - CARBOLINEUM**
Gannon, Ga. Ext. B. 524 rev.:36, 1947.
Hixson & Muma, J. Ec. Ent. 40:597, 1947.
Hixson & Muma, Neb. R. 60:56, 1947.
- SPRAY MATERIALS - CARBON DISULFIDE & OIL**
Breakey, Wash. B. 470:124, 1945.
- SPRAY MATERIALS - CHLORDANE**
Apple, Ill. Veg. Grow. B. 7(2):5, 1947.
Brown & Hurtig, J. Ec. Ent. 40:277, 1947.
Brown et al., Can. Ent. 79:161-166, 1947.
Chandler, Ill. St. Hort. Soc. Trans. 80:137-138, 1947.
Davis, Hoosier Hort. 29:83-84, 1947.
Durham, Assoc. Oper. Mill. B., Oct. 1947:1626.
Garman & Townsend, Conn. B. 512.78, 1946.
Howell et al., Rocky Mountain Conf. Ent. R. 18:4-5, 1947.
b Kulash, J. Ec. Ent. 40:641, 1947.
Kyd, Okla. Ext. C. 454:1, 1947.
Langford & Squires, J. Ec. Ent. 40:269-270, 1947.
Newcomer, Wash. St. Hort. Assoc. P. 43:20-21, 1947.
Petty, Ill. Veg. Grow. B. 7(1):3-4, 1947.
Plummer & Shaw, J. Ec. Ent. 40:501, 1947.
Post et al., N. Dak. Bimo. B. 10:61-63, 65, 1947.
Price, Ky. Ext. C. 437:7, 1947.
Severin, S. Dak. R. 59:17, 1946.
Sweetman, J. Ec. Ent. 40:454-455, 1947.
Weinman, Ill. St. Hort. Soc. News Let. No. 7 [i.e. 8]:3, 1947.
Weinman, J. Ec. Ent. 40:567-568, 1947.
Wolfenbarger, Fla. R. f. 1946/47:248-250.
- SPRAY MATERIALS - CHLORDANE - EFFECT ON GRASS**
Fleming, J. Ec. Ent. 40:933, 1947.
- SPRAY MATERIALS - CHLORDANE - RESIDUAL EFFECTS**
Fay et al., J. Ec. Ent. 40:635-638, 640, 1947.
- SPRAY MATERIALS - CHLORDANE & KEROSENE**
Gould, Amer. Assoc. Ec. Ent. N. Cent Sts. Branch P. 2:42, 1947.
- SPRAY MATERIALS - CHLORDANE & OIL**
Gould, Ind. R. 60:72, 1947.
Wolfenbarger, Fla. R. f. 1946/47:249.
- SPRAY MATERIALS - CHLORDANE & OIL EMULSION**
Wolfenbarger, Fla. Mango Forum P. 7:17-18, 1947.
- SPRAY MATERIALS - CHLORDANE (VELSICOL 1068)**
bi Cutkomp, J. Ec. Ent. 40:328-333, 1947.
Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23-[15], 1946.
Hough & Hill, Va. R. f. 1946/47:32.
Munro et al., N. Dak. Bimo. B. 9:109, 1947.
Smith & Gouck, J. Ec. Ent. 40:791, 793, 1947.
Watts, S. C. R. 59:160-163, 1947.
Wolfenbarger, Fla. Ent. 29:39, 43-44, 1947.
Wolfenbarger, Fla. PB 639:4-6, 1947.
- SPRAY MATERIALS - CHLORDANE (VELSICOL 1068), see also SPRAY MATERIALS - DDT & CHLORDANE (VELSICOL 1068)**
- SPRAY MATERIALS - CHLORDANE (VELSICOL 1068) & AIR CURENTS**
i Dustan et al., Can. Ent. 79 45-50, 1947.
- SPRAY MATERIALS - CHLORDANE EMULSION**
McCauley, Rocky Mountain Conf. Ent. R. 18:8, 1947.
Weinman & Powell, Ill. St. Hort. Soc. Trans. 80:112, 114, 119, 1947.
- SPRAY MATERIALS - CHLORDANE EMULSION (RIVICOL)**
Tissot & Janes, Fla. R. f. 1946/47:70.
- SPRAY MATERIALS - CHLORDANE MIXTURES**
Wolfenbarger, Fla. R. f. 1946/47:250.
- SPRAY MATERIALS - 2-CHLORO-PHENYL-2-PHENYL-1,1,1-TRI-CHLOROETHANE**
Michelbacher et al., Cal. C. 365:79-82, 87-90, 1946.
Stafford & Hinkley, Cal. C. 365:91-93, 1946.
- SPRAY MATERIALS - CHLOROPHENYL COMPOUNDS**
Neiswander & Rodriguez, J. Ec. Ent. 40:420-421, 1947.
- SPRAY MATERIALS - CINERINS - TOXICITY TO FLIES**
bi Gunther, J. Ec. Ent. 40:878-882, 1947.
- SPRAY MATERIALS - COAL TAR**
Sobell & Doner, Soap & Sanit. Chem. 21:108, 1945.
- SPRAY MATERIALS - COLORADO 9, see SPRAY MATERIALS - 2,2-BIS(p-BROMOPHENYL)-1,1,1-TRICHLOROETHANE**
- SPRAY MATERIALS - COMPATIBILITY, see INSECTICIDES - COMPATIBILITY**
- SPRAY MATERIALS - CONSUMPTION - WASHINGTON**
Jacobs, Chem. & Engin. News 25:2713, 1947.
- SPRAY MATERIALS - COPPER**
Pickett, N. S. Fruit Grow. Assoc. R. 83:29-30, 1946.
Sherwood, W. Va. Ext. C. 320 rev.:44-47, 1946.

- SPRAY MATERIALS - COPPER**, *see also* **SPRAY MATERIALS - CALCIUM ARSENATE & COPPER**, **SPRAY MATERIALS - DDT & COPPER**; **SPRAY MATERIALS - LEAD ARSENATE & COPPER**
- SPRAY MATERIALS - COPPER - EFFECT ON ORCHARD FAUNA**
Pickett et al., *Sci. Agr.* 26:594-600, 1946.
- SPRAY MATERIALS - COPPER & OIL**
Thompson, *Cit. Indus.* 28(8):6-7, 1947.
- SPRAY MATERIALS - COPPER & ZINC & OIL**
Thompson, *Fla. R. f.* 1946/47:154.
- SPRAY MATERIALS - COPPER (FIXED)**
Petty, *Ill. Veg. Grow. B.* 5(3, i.e. 4):12, 1945.
- SPRAY MATERIALS - COPPER (LOW SOLUBLE)**
Swartwout & Martin, *Mo. Ext. C.* 506 rev. 8, 1945.
- SPRAY MATERIALS - COPPER ARSENATE (BASIC)**
Dominick, *Va. B.* 406:11,13-14,19, 1947.
Hetrick, *J. Ec. Ent.* 39:268-269, 1946.
Hetrick, *Va. B.* 409:16-17,21, 1947.
Hill, *Iowa St. Col. J. Sci.* 22:41, 1947.
Hoerner, *West. Colo. Hort. Soc. Trans. f.* 1944:58, 1945.
Nettles et al., *S. C. Ext. B.* 109:30, 1947.
- SPRAY MATERIALS - COPPER ARSENATE (BASIC)**, *see also* **SPRAY MATERIALS - BORDEAUX MIXTURE & COPPER ARSENATE (BASIC)**, **SPRAY MATERIALS - DDT & COPPER ARSENATE (BASIC)**
- SPRAY MATERIALS - COPPER ARSENATE (BASIC) & FERBAM**
Dominick, *Va. B.* 406:4, 1947.
- SPRAY MATERIALS - COPPER ARSENATE (BASIC) & FLOUR, WHEAT**
Allen, *S. C. R.* 57:116-117, 1945.
- SPRAY MATERIALS - COPPER ARSENATE (BASIC) & LIME-SULFUR (LIQUID)**
List, *Colo. Spud Notes* 3(2) 1-2, 1945.
List, *West. Colo. Hort. Soc. Trans. f.* 1945:81, 1946.
- SPRAY MATERIALS - COPPER COMPOUNDS (FIXED)**
Sherwood, *W. Va. Ext. C.* 320 rev. 46-47, 1946.
Ohio B. 655:30, 1945; 670:31, 1947.
- SPRAY MATERIALS - COPPER SULFATE**
Williams, *Conn. Ext. B.* 377:17, 1946.
- SPRAY MATERIALS - COPPER SULFATE**, *see also* **SPRAY MATERIALS - DDT & LIME & COPPER SULFATE**; **SPRAY MATERIALS - ROTENONE & COPPER SULFATE (BASIC)**
- SPRAY MATERIALS - COPPER SULFATE (FLORIDO)**
Shippy, *Fla. PB* 636:4 p., 1947.
- SPRAY MATERIALS - COPPER SULFATE (TRIBASIC) & FLOUR**
Pletsch, *Mont. B.* 446:69-70, 1947.
- SPRAY MATERIALS - CORROSIVE SUBLIMATE**, *see* **SPRAY MATERIALS - MERCURIC CHLORIDE**
- SPRAY MATERIALS - CREOSOTE & KEROSENE**
Becker, *Mass. B.* 436:42, 1946.
- SPRAY MATERIALS - CREOSOTE OIL**
Bishopp, *USDA Leaf.* 152 rev. 3, 1946.
- SPRAY MATERIALS - CREOSOTE OIL & KEROSENE**
Chamberlin, *Oreg. C. Inform.* 417:3, 1947.
- SPRAY MATERIALS - CRYOLITE**
Baver, *N. C. R.* 69:81, 1946.
Bobb, *Va. Fruit* 35(1):48-49,51-52, 1947.
Childs et al., *Oreg. Ext. B.* 663:7, 1946.
Cox, *J. Ec. Ent.* 40:589-590, 1947.
Curry, *N. Mex. R.* 57:27-29, 1947?
Dean et al., *J. Ec. Ent.* 39:523-526, 1946.
Eide, *Wash. St. Hort. Assoc. Proc.* 41:57-59, 1945.
Eyer & Enzie, *N. Mex. B.* 338:13, 1947.
Fulton, *N. C. TB* 85:12,16, 1947.
Graham, *B. C. Lumberm.* 29(4):118, 1945.
Hetrick, *J. Ec. Ent.* 39:268-269, 1946.
Hoerner, *West. Colo. Hort. Soc. Trans. f.* 1944:58, 1945.
Holdaway & Nishida, *Hawaii R. f.* 1944/46:75, 1947.
Jardine et al., *USDA OES R. f.* 1944/45:58, 1946.
Lininger et al., *Pa. B.* 475:28, 1945; 480:40, 1946, 488:28, 1947.
McKelvey et al., *J. Ec. Ent.* 40:477-479, 1947.
Marcovitch & Stanley, *Tenn. R.* 59:92, 1947.
Nickels & Pierce, *Tex. Pecan Grow. Assoc. P.* 26:39,41,44, 1947.
Overley, *Wash. B.* 470:87-88, 1945.
Quesada, *Control de Plagas* 9:76-77, 1947.
Rasmussen et al., *Mich. Ext. B.* 154 rev. 18, 1946.
Slate, *Conn. R. f.* 1944/45:25.
Snapp, *Ill. St. Hort. Soc. Trans.* 79:385-386, 1946.
Snapp, *Hoosier Hort.* 29:28, 1947.
Snapp, *Ind. Hort. Soc. Trans.* 86:103, 1947.
Sorenson, *Utah Farm & Home Sci.* 8(2):14, 1947.
Webster & O'Neill, *Wash. B.* 470:37-38, 1945.
Va. Ext. B. 131 rev.:38, 1947.
Wash. Ext. B. 279 rev.:11, 1947.
- SPRAY MATERIALS - CRYOLITE**, *see also* **SPRAY MATERIALS - DDT & CRYOLITE**; **SPRAY MATERIALS - DN-111 & CRYOLITE**; **SPRAY MATERIALS - PYRETHRUM EXTRACTS & ROTENONE EXTRACTS & CRYOLITE**; **SPRAY MATERIALS - SULFUR & CRYOLITE**

- SPRAY MATERIALS - CRYOLITE - COMPATIBILITY**
Wene & Rawlins, J. Ec. Ent. 38:655-657, 1945.
- SPRAY MATERIALS - CRYOLITE - DOSAGE**
Whitcomb, Mass. B. 428:39, 1945.
- SPRAY MATERIALS - CRYOLITE - TOLERANCE**
Ruth, Ill. St. Hort. Soc. News Let. No. 4:1, 1947.
- SPRAY MATERIALS - CRYOLITE & MOLASSES**
Bird, Can. Dept. Agr. Div. Ent. Processed Pub. 46:3, 1946.
- SPRAY MATERIALS - CRYOLITE & OIL**
Brannon et al., Wash. St. Hort. Assoc. P. 43:9, 1947.
- Haseman, Mo. St. Hort. Soc. Hort. News 5(11):5, 1946.
- O'Neill, Oreg. St. Hort. Soc. P. 39:64, 1947.
- SPRAY MATERIALS - CRYOLITE & SOY-BEAN FLOUR**
Snapp, Tenn. St. Hort. Soc. P. 41:29, 1947.
- SPRAY MATERIALS - CRYOLITE (ALORCO)**
Hetrick, Va. B. 409:14-15, 1947.
- SPRAY MATERIALS - CRYOLITE (CONCENTRATED)**
Annand, USDA EPQ R. f. 1943/44:8.
- SPRAY MATERIALS - CRYOLITE (KRYOCIDE)**
Hetrick, Va. B. 409:16-17, 1947.
- Osorio, Control de Plagas 8 [i.e. 7]:75, 1945.
- SPRAY MATERIALS - CRYOLITE (SYNTHETIC)**
Beaulieu, Quebec Soc. Protect. Plants R. 29:38-39, 1945.
- Lord, Can. Ent. 79:206, 1947.
- Stirrett, Can. Dept. Agr. Div. Ent. Processed Pub. 56:3, 1946.
- Stirrett, Can. Expt. Farms Serv., Tob. Div., Lighter 16(2):10, 1946.
- SPRAY MATERIALS - CRYOLITE MIXTURES**
Newcomb & Dean, J. Ec. Ent. 39:784-786, 1946.
- Nickels & Pierce, J. Ec. Ent. 39:792-794, 1946.
- SPRAY MATERIALS - CUBE**
Cobbett, Amer. J. Vet. Res. 8:280-283, 1947.
- Gould, Food Packer 27(6):68-70, 1946.
- Gould, Ind. R. 59:12, 1946.
- Simms, USDA BAI R. f. 1945/46:43.
- SPRAY MATERIALS - CUBE, see also SPRAY MATERIALS - DDT & CUBE; SPRAY MATERIALS - LEAD ARSENATE & CUBE**
- SPRAY MATERIALS - CUBE & ARESKAP**
Apple, Ill. Veg. Grow. B. 5(1):7-8, 1945.
- SPRAY MATERIALS - CUBE & OIL**
Boľivar Pielatn, Ciencia 8:83-84, 1947.
- Lininger et al., Pa. B. 475:29, 1945.
- Plummer & Shaw, J. Ec. Ent. 40:502-504, 1947.
- SPRAY MATERIALS - CUBE & SULFUR**
b Matthyse, N. Y. (C.) B. 832:40, 57-58, 62, 1946.
- SPRAY MATERIALS - CYCLOHEXYLAMINE DERIVATIVE**
Rings, Ohio St. Univ. Abs. Doctoral Diss. 52:258, 260-261, 1947.
- SPRAY MATERIALS - D-X, see SPRAY MATERIALS - DDT & ROTENONE MIXTURES (D-X)**
- SPRAY MATERIALS - D-X SPRAY, see SPRAY MATERIALS - DDT & PYRETHRINS & ROTENONE**
- SPRAY MATERIALS - DDD, see SPRAY MATERIALS - DICHLORODIPHENYL-DICHLOROETHANE**
- SPRAY MATERIALS - DDT**
Afanasiev & Fenton, J. For. 45:127-128, 1947.
- Afridi & Arthur, Mil. Surg. 97:90-92, 1945.
- i Aitken, Natl. Malar. Soc. J. 5:169-187, 1946.
- Anderson, USDA R. Sec. f. 1946:143-144.
- Annand, USDA EPQ R. f. 1944/45:36.
- Austin, Med. Assoc. Ala. J. 14:278-280, 1945.
- Bailey, Vt. Comnr. Agr. Bien. R. 23:81, 84, 1946.
- Baker, Mangt. & Feeding of Sheep. 217-223, 1947.
- Baker & Hill, Neb. R. 60:54, 95, 1947.
- bi Baker et al., U. S. Pub. Health Rpts. 62:597-612, 1947.
- Balch, Can. Dept. Agr. Div. Ent. For. Ins. Invest. Bimo. Prog. R. 2(1):7, 1946.
- Balzer & Cotton, USDA FB 1906 rev.:24, 1947.
- Bare, Neb. Ext. C. 1510 rev.:4, 1946.
- Bare, Neb. R. 59:61, 1946.
- Baver, N. C. R. 68:65, 1945; 69:78, 80, 1946.
- Bechtold, Air. Surg. B. 2:68-70, 1945.
- Bernauer, Water & Sewage Works 93:331-332, 1946.
- Best & Hillyer, Sat. Even. Post 220 (12):12, 1947.
- Blackburn, Ohio B. 673:60-61, 1947.
- Blakeslee & Bruce, USDA EPQ E-719, 3 p., 1947.
- Bobb, Va. R. f. 1946/47:29-30.
- Borden, Blue Anchor 23(1):19-20, 22, 1946.
- Bourne et al., Mass. B. 441:34-35, 1947.
- Boyce, Diamond Walnut News 28(3):13, 1946.
- Boyce & Ewart, Cal. Cit. Expt. Sta. News Let. 25, 3 p., 1946.
- Boyce & Ewart, Cal. Citrog. 31:240-241, 1946.
- Boyd et al., Natl. Malar. Soc. J. 5:245-247, 1946.
- Bradley & Fritz, Natl. Malar. Soc. J. 6:117-121, 1947.
- Bradley & Lyman, N. J. Mosq. Exterm. Assoc. P. 34:43-50, 1947.
- i Brandly & Hamann, U. S. Egg & Poult. Mag. 52:212-215, 1946.

SPRAY MATERIALS - DDT--Continued.
 Brannon, Wash. Ext. C. 100,4 p., 1946.
 Brannon, Wash. St. Hort. Assoc. P. 42:130, 1946.
 Breakey, Wash. B. 470:119, 1945.
 Brooks & Anderson, Va. Ext. Veg. Grow. News 1(5):3, 1946.
 Bruce et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:37-39, 1947.
 Burkett, Wis.-Upper Mich. For. News Let. 3(2):14, 1946.
 Burkholder, Ind. R. 60:23, 1947.
 i Bushnell, West. Dairy J. 1(12):13,51-53, 1945.
 Campbell, R. I. R. 59:28-29, 1947.
 Chandler, Ill. Fruit Exch. News 10(9). 4, 1946.
 i Chandler, Ill. St. Acad. Sci. Trans. 39:132-134, 1946.
 Chandler, Ill. St. Hort. Soc. Trans. 80:131,137, 162-165, 1947.
 Chandler et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:60-61, 1947.
 Chapman, N. Y. (G.) R. 65:22, 1947.
 Childs, Wash. St. Hort. Assoc. P. 42. 39,41-43,45-47,49-54, 1946.
 Childs, Can. Grow. 70(6).10-11,22-23, 1947.
 Childs, S. Dak. St. Hort. Soc. R. 44 131-134, 1947.
 Childs et al., Oreg. Ext. B. 663:3,7, 1946.
 Clark, N. Y. St. Hort. Soc. P. 91:213-214, 1946.
 Clark & Gunderson, Iowa St. Hort. Soc. Trans. 80 74-81, 1945.
 Clarke, Amer. City 60(8):95, 1945.
 Clarke, N. J. Mosq. Exterm. Assoc. P. 34:127-131, 1947.
 Clyburn, S. C. R. 59:95, 1947.
 Colvis, Ill. St. Acad. Sci. Trans. 38:17-18, 1946.
 Cooke, Conn. B. 512:25-26, 1946.
 Cooper, Ky. R. 58:41, 1946.
 Corliss, Trees 8(1):7,16, 1947.
 Cory, Md. Ext. Serv. News 31(8):1,4, 1946.
 Cox, Pa. B. 475 sup. 1:3-4, 1946.
 Crockett, Med. Assoc. Ala. J. 16:347-348, 1947.
 Crowley, Wash. B. 470:92-93, 1945.
 i Crunden, Flying 41(6):19-21,72,74, 1947.
 Cuff, Agr. Chem. 1(6):23-26, 1946.
 Cuff, Down to Earth 3(2):2-4, 1947.
 Curran, Nat. Hist. 56:476, 1947.
 Curry, N. Mex. R. 56:44-48, 1946?; 57:27-29,31, 1947?
 Cutright, Ohio B. 665:25, 1946; 673:62-63, 1947.
 i Daviault, For. Québécoise 10:107-108, 1945.
 Daviault, Can. Dept. Agr. Div. Ent. For. Ins. Invest. Bimo. Prog. R. 2 (1):5, 1946.
 Daviault, Quebec Min. Lands & For. R. f. 1945/46:117-120, 1947.
 Davis, Northw. Mill. Mill. Prod. Sect. 221(7):14a-15a, 1945.
 Davis, Ind. Hort. Soc. Trans. 85:54-55, 1946.

SPRAY MATERIALS - DDT--Continued.
 Davis, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:73, 1947.
 Dean, N. Y. St. Hort. Soc. P. 91:205-209, 1946.
 Dean, N. Y. (G.) R. 65:23, 1947.
 DeGryse, For. Ent. In Can.:7, 1947.
 Dewey, N. Y. St. Hort. Soc. P. 90:49-51, 1945.
 Diggelman, Orchid Digest 10:99, 1946.
 Dominick, Va. R. f. 1946/47:32.
 i Dowden et al., USDA EPQ E-663, 13 p., 1945.
 Doyle et al., Quebec Soc. Protect. Plants R. 30:156,158,160-170, 1947.
 Driggers, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:58-59, 1947.
 Durham, Assoc. Oper. Mill. B., Oct. 1947:1626.
 Du Toit, Sci. News Let. 52:317, 1947.
 Easter, J. Ec. Ent. 40:633-634, 1947.
 i Ebeling, Cit. Leaves 25(4).10,18,22, 1945.
 Echols, Amer. Brahman J. 1(6):8-9, 1946.
 Eide, Wash. St. Hort. Assoc. Proc. 41:57-60, 1945.
 Eyer & Enzie, N. Mex. B. 338:17-19, 1947.
 Farnsworth, Ohio St. Hort. Soc. P. 79:135-136, 1946.
 Farr, Science 101(2616 sup.):10, 1945.
 Farrar, Flor. Rev. 9:34, 1946.
 Fellton et al., N. J. Mosq. Exterm. Assoc. P. 33:60,62-64, 1946.
 Fenton, Okla. Mimeo. C. 148,2 p., 152,3 p., 1945.
 Fenton & Brett, Okla. Acad. Sci. P. 27:34-36, 1947.
 Fernald, J. Ec. Ent. 40:428, 1947.
 Fischbach & Howell, U. S. Nav. Med. B. 45:424, 1945.
 Fisher, Natl. Butter & Cheese J. 38 (8):91-92, 1947.
 Flentje, Amer. Waterworks Assoc. J. 37:1053, 1945.
 Fluke, Wis. Hort. 38:89-90, 1947.
 Fluke et al., Wis. B. 469:42-43, 1946.
 Foss, N. Y. St. Conserv. Dept. R. 36. 73-77,79, 1946.
 French, Va. Dept. Agr. & Immigr. R. f. 1945/46:52.
 French, Gard. Gossip 21(3):11; (8):17, 1946.
 i Fullaway, Hawaii Bd. Comnrs. Agr. & For. Bien. R. f. 1944/46:41.
 Gardner & Michelbacher, Cal. C. 365:35-38, 1946.
 Garman, Conn. B. 512:85-86,92, 1946.
 Garman, Conn. Pom. Soc. P. 55:170, 1946.
 Garman & Brigham, Conn. B. 512:89-91, 1946.
 Gerry, N. J. Mosq. Exterm. Assoc. P. 34:111, 1947.
 Givens, Va. Dept. Agr. & Immigr. B. 459:7-8, 1947.
 i Glover, Wines & Vines 27(3):18-20, 29, 1946.
 Goodrich, East. Fruit Grow. 8(9):16, 21,25, 1945.

SPRAY MATERIALS - DDT--Continued.
 Goodrich, N. Y. St. Hort. Soc. News
 Let. 1(5):3, 1945.
 Goodrich, N. Y. St. Hort. Soc. P. 91:
 75-77, 1946.
 Gould, Food Packer 27(6):68-70, 1946.
 Gould, Ind. R. 59:12,20-21, 1946.
 Gould, W. Va. B. 330.14-15, 1947.
 Graham, Md. Agr. Soc. R. 29:113-117,
 1945.
 Graham, Md. Fruit Grow. 15(1):4,
 1945.
 Graham & Cory, Md. St. Hort. Soc. P.
 49:26-33, 1947.
 Graham et al., Md. Ext. B. 112.4-5,
 1946.
 Graham et al., Amer. Assoc. Ec. Ent.
 N. Cent. Sts. Branch P. 2:86-87,
 1947.
 Gray, Pests 13(11):28, 1945.
 Gray, Alameda Co. (Cal.) Mosq.
 Abatement Dist. R. f. 1945:3-4, 1946.
 Griffith, Okla. Acad. Sci. P. 27:29-30,
 1947.
 Hall, Timberm. 48(2):54,62, 1946.
 Hamilton, N. Y. St. Hort. Soc. P. 92.
 161-162, 1947.
 Hammonds & Tabb, Farm. Handb..
 121-122, 1947.
 Harman, N. Y. (G.) Farm Res. 11(2):
 3-4, 1945; 12(2):1-3, 1946.
 Harman, N. Y. St. Hort. Soc. P. 91:
 69-75, 1946, 92:37-42, 1947.
 Harman, N. Y. (G.) R. 65:15, 1947.
 Hartzell, N. Y. (G.) Farm Res. 13(4).
 13, 1947.
 Hartzell & Gambrell, N. Y. (G.) Farm
 Res. 12(4):9, 1946.
 Hartzell & Taschenberg, N. Y. (G.) R.
 65:17, 1947.
 Henderson, N. J. Mosq. Exterm.
 Assoc. P. 32:75-80, 1945.
 Henderson, Ice Cream Field 49(1):26,
 30,34, 1947.
 Henderson, Ice Cream Rev. 30(10):76,
 78,80, 1947.
 Henderson, USDA Prod. & Mktg. Adm.
 Mktg. Activities 10(12):16, 1947.
 Higgins, Natl. Shade Tree Conf. P. 23:
 151-155, 1947.
 Hirsch, Water & Sewage Works 93:
 249-250, 1946.
 Hixson, Okla. Ext. C. 387 rev. 21-24,
 1946.
 Hixson & Muma, Neb. Ext. C. 1549:2,
 1947.
 Hockey et al., N. S. Fruit Grow. Assoc.
 R. 84:154,157,159, 1947.
 b Hoffmann, Natl. Shade Tree Conf. P.
 22:308-311, 1946.
 Holdaway & Nishida, Hawaii R. f.
 1944/46:75-76, 1947.
 Holdaway et al., Hawaii R. f. 1944/46:
 76, 1947.
 Hollis, Natl. Malar. Soc. J. 5:96, 1946.
 Horsfall & Lincoln, Ark. Ext. Leaf.
 74,6 p., 1946.
 Horst, Sci. News Let. 47:388, 1945.
 Hough, Amer. Fruit Grow. 65(2):11,
 1945.
 Hough, Cumberland-Shenandoah Fruit
 Growers' Conf. P. 22:[27-28], 1945.

SPRAY MATERIALS - DDT--Continued.
 Hough, N. Y. St. Hort. Soc. P. 90:193,
 1945.
 Hough, Can. Hort. Grow. Ed. 69:95-
 96,110, 1946.
 Hough, Md. St. Hort. Soc. P. 48.11-15,
 1946.
 Hough, Mountaineer Grow. 17(163):7-
 8, 1947.
 Hough, Va. Fruit 33(1):183-191, 1945,
 35(1):81-83, 1947.
 Houser, Amer. Fruit Grow. 67(6) 17,
 36, 1946.
 Houser, Ohio St. Hort. Soc. P. 100:
 21-23,25, 1947.
 Howard & Rich, R. I. Misc. Pub. 29
 1-6, 1946.
 Howell et al., Rocky Mountain Conf.
 Ent. R. 18.3-5, 1947.
 Hutson, Mich. St. Hort. Soc. R. 75.29-
 30,126-128, 1946.
 Hutzel, Mosq. News 6 37, 1946.
 Hutzel, Sci. Month. 62:417-420, 1946.
 Hyatt, Hoard's Dairym. 92 110, 1947.
 Jenkins, Amer. Assoc. Ec. Ent. N.
 Cent. Sts. Branch P. 2 45, 1947.
 Jennings, Amer. Nurserym. 85(10)
 12, 1947.
 Johnston, Can. Dept. Agr. Div. Ent.
 For. Ins. Invest. Blmo. Prog. R. 2
 (1):3-4, 1946.
 Karr et al., Wash. St. Hort. Assoc. P.
 43:116-117,122,127-128,131-132,
 135-139,141,143-145, 1947.
 Kelper, Amer. Rose Mag. 6:396-397,
 1946.
 Kelly, Kans. Ext. Livestock Ins. Con-
 trol in Kans.:5,10-19,22, 1946?
 Kemp, Md. R. 59.18-20, 1946.
 Kemper & Roberts, Amer. Vet. Med.
 Assoc. J. 108.252-254, 1946.
 Kendall, Good Housekeeping 125(2)
 110-111, 1947.
 Knipe, Agr. Engin. 26:459-462,464,
 468, 1945.
 Knippling, USDA Agr. Res. Adm. R.A.S
 83(E),1 p., 1947.
 Knowlton, Utah Acad. Sci. Arts &
 Let. P. 24:136, 1947.
 Knutson, R. I. Dept. Agr. & Conserv.
 R. 12:32-33,36,38,40, 1947.
 i Kulash, N. C. Res. & Farm. (Prog.
 Rpt. 1)4:7,10, 1945.
 Lafferty, N. J. Mosq. Exterm. Assoc.
 P. 34:182-184, 1947.
 Lange & Herbert, in Cal. Agr. Expt.
 Sta., Invest. with DDT in Cal. 1944:
 27-28, 1945.
 Langford, Natl. Shade Tree Conf. P.
 23:147-151, 1947.
 Lawrence, Natl. Shade Tree Conf. P.
 23:153-156, 1947.
 Leach & Bishop, W. Va. B. 326:29-
 30, 1946.
 Leaver, R. I. Dept. Agr. & Conserv.
 R. 11:30-32, 1946.
 i Leslie, Can. Geog. J. 31:186-197,
 1945.
 Lewis, Cal. Citrog. 32:32-33, 1946.
 Lilly, Wis. Hort. 36:198, 1946.
 Lincoln, Ark. Ext. Leaf. 83:2-5; 84:
 2-8, 1947.

SPRAY MATERIALS - DDT--Continued.

- Liminger et al., Pa. B. 475:28-30, 1945; 480:40-41,53-54, 1946.
- List, West. Colo. Hort. Soc. Trans. f. 1945.75,77-79,81, 1946, f. 1946.136-138,140, 1947.
- List, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:52-53, 1947.
- List & Newton, Colo. Farm B. 8(3):9-12, 1946.
- Logue & O'Connell, U. S. Nav. Med. B. 44 877-882, 1945.
- Lutz, Ohio St. Hort. Soc. P. 79 137-138, 1946.
- McGovran & Gersdorff, Soap & Sant. Chem. 21(12):165,169, 1945.
- McGovran & Piquett, USDA EPQ E-682:7-8, 1946.
- McNeil & Hinshaw, Cal. Turkey News, Sent. 1945 15,43.
- McWethy, Feedstuffs 19(39):19, 1947.
- Magie, Gladiolus Mag. 11(6) 11, 1947.
- Mallis, Pest Control & Sanit. 1(8) 9, 1946.
- Manis et al., Ida. B. 269.30, 1947.
- Marshall, Ind. R. 60:71, 1947.
- Martin, N. J. R. 67:47, 1947?
- Martin & Bilsing, Tex. Pecan Grow. Assoc. P. 26:45-47, 1947.
- Maynard, Natl. Shade Tree Conf. P. 22 131-132, 1946.
- Menusan, Dairym. Price Rptr. 28(4) 11, 1946.
- Michelbacher & Middlekauff, Cal. Agr. 1(7):1-2, 1947.
- Michelbarger & Smith, Cal. Dairym. 25(17, i.e. 16):12,14, 1945.
- Michelbacher & Smith, West. Livestock J. 23(62):9, 1945.
- Michelbacher & Swanson, Diamond Walnut News 28(3) 6-7, 1946.
- Michelbacher et al., Cal. C. 365:78-84,87-90, 1946.
- Miller, East. Fruit Grow. 8(10):5-6, 17, 1945.
- Miller, Md. Agr. Soc. R. 30:110-115, 1946.
- Miller, Md. St. Hort. Soc. P. 48:17-22, 1946.
- Miller, Mass. Fruit Grow. Assoc. R. 52:152-153, 1946.
- Miller, Peninsula Hort. Soc. Trans. 59:32-34, 1946.
- Miller, Va. Fruit 34:122-127, 1946.
- Millman, Better Fruit 39(8):7, 1945; 40(8):11-12, 1946.
- Mills & Dewey, N. Y. (C.) Ext. B. 711:30-32,34-35,41-44,46,48,50-52,54, 65,70-75,78,85, 1947.
- Mills et al., Mont. B. 437:11-12,15, 1946.
- i Morris, Tex. Livestock J. 4(10):20-21; (11):31-32, 1945.
- Morrison, Can. Dairy & Ice Cream J. 26(11):66, 1947.
- i Morrison, Can. Jersey Breed. 2(7):15,29-31, 1947.
- Moznette, Amer. Fruit Grow. 67(11, i.e. 17):18, 1947.
- i Moznette, USDA EPQ E-723,6 p., 1947.

SPRAY MATERIALS - DDT--Continued.

- Mulhern, N. J. Mosq. Exterm. Assoc. P. 33:90,96-97,99,101, 1946.
- Muma, Neb. Ext. C. 1541,4 p., 1946.
- Muma, Milkman, June 1947:1-2.
- Mundinger, N. Y. (G.) R. 65 16, 1947.
- Munro, N. & S. Dak. Hort. 20:143, 1947, N. Dak. Bimo. B. 9.81-82, 1947.
- Newcomer, Wash. St. Hort. Assoc. P. 43.19-23, 1947.
- Newcomer et al., J. Ec. Ent. 39:674-676, 1946.
- Newton, West. Colo. Hort. Soc. Quart. B. 2(1) 5-6, 1947.
- Newton & List, J. Ec. Ent. 39:661, 1946.
- Nichols et al., Iowa St. Hort. Soc. Trans. 80 104-105, 1945.
- Noble, Home Card. So. 7:178-179, 1947.
- O'Neal & Fluke, Wis. Hort. 37.179, 1947.
- O'Neill, Agr. Chem. 2(6).16,71, 1947.
- O'Neill & Fluke, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:45, 1947.
- O'Neill & Lipovsky, Wash. St. Hort. Assoc. P. 42:61-65, 1946.
- O'Neill et al., Wash. St. Hort. Assoc. Proc. 41:27-33, 1945.
- Osborne, Hoard's Dairym. 91 547, 1946.
- Parker, Natl. Shade Tree Conf. P. 23. 163-164, 1947.
- Parks, Ohio St. Hort. Soc. P. 79.131-133, 1946.
- Parks & Cutright, Ohio St. Hort. Soc. P. 79.133-135, 1946.
- Pass, Food in Canada 5(11):11-12,14, 1945.
- Pepper, Cumberland-Shenandoah Fruit Workers' Conf. P. 23.[17], 1946.
- Persing, Cit. Leaves 25(3):9, 1945.
- Peterson, Southeast. Cattlem. & Dairy J. 5(4):9,28, 1945.
- Peterson, Peninsula Hort. Soc. Trans. 60:82-84, 1947.
- Petty et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:43, 1947.
- Phillips, Fla. R. f. 1946/47:66-67.
- Pickett, N. S. Fruit Grow. Assoc. R. 84:77,79, 1947.
- Pickett et al., Sci. Agr. 26.598, 1946.
- Plumb, Flower Grow. 33.280, 1946.
- Poos, J. Ec. Ent. 38.197-199, 1945.
- Porter, Md. Agr. Soc. R. 29:111-113, 1945.
- Porter, Md. St. Hort. Soc. P. 47:13-15, 1945.
- Porter, Amer. Fruit Grow. 66(2):12-13,32,34, 1946, 67(8):15,42-43, 1947.
- Porter, Pa. St. Hort. Assoc. P. 87. 84-88,90-92, 1946.
- Porter, USDA YB f. 1943/47:660-661.
- Powell et al., Ill. Ext. C. 568 rev.: 47, 1946; 610:14, 1947.
- Pullen, Blood-Horse 45:532, 1946.

SPRAY MATERIALS - DDT--Continued.
 Putnam, N. Y. St. Hort. Soc. P. 92:45-49, 1947.
 Pyenson, Flower Grow. 33:31, 1946.
 Raffensperger, Md. Agr. Soc. R. 30: 117-118, 1946.
 Raffensperger, Md. St. Hort. Soc. P. 48:22-25, 1946.
 Rasmussen et al., Mich. Ext. B. 154 rev.:23, 1945, rev.:23-26, 1946.
 Rasmussen et al., N. H. Ext. C. 280: 5, 1947.
 Rawlins et al., N. Y. (C.) R. 58:120, 1946.
 Reed, USDA BDI R. f. 1946/47:14.
 Reeves, U. S. Livestock Sanit. Assoc. P. 49:156, 1946.
 Rex, For. Leaves 37(3/4):7, 1947.
 Rice & Stearns, Del. B. 263:24, 1947.
 Rice et al., Soap & Sanit. Chem. 21(3): 119,121,146, 1945.
 i Rice et al., J. Ec. Ent. 39:652-658, 1946.
 Richardson, Iowa St. Hort. Soc. Trans. 80:68-74, 1945; 81:129-131, 1946.
 Richardson, Iowa R. f. 1945/46 pt. 1: 227-228; f. 1946/47 pt. 1:202.
 Richardson, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:60, 1947.
 Riley, Dahlias:82-84, 1947.
 Ritcher, Ky. Fruit Notes 2(10):5, 1945.
 Ross, Can. Hort. Grow. Ed. 69:28, 1946.
 Runyan, Arbor. News 10:74-75, 1945; 12:53-54, 1947.
 Russell, Amer. J. Trop. Med. 26:10-11, 1946.
 St. George, USDA EPQ, The Mimosa Webworm:4, 1946.
 Sanders & Tissot, Fla. R. f. 1946/47: 58,61,68-69.
 Scarr, Ohio St. Hort. Soc. P. 79:140-141, 1946.
 Schlesselman, All-Pets Mag. 16(16): 11-12, 1945.
 Schoene, Amer. Pom. Soc. P. 60:150-151, [1945.]
 bi Schreuder & Sullivan, Air. Surg. B. 2:67-68, 1945.
 Schwardt, N. Y. (G.) Farm Res. 12(3): 1-2, 1946.
 Schwardt, N. Y. (C.) R. 59:119-120, 1947.
 Schwardt & Logothetis, N. Y. (C.) R. 59:119, 1947.
 Searl, West. Farm Leader 11:2-3, 1946.
 Searls, Milk Indus. Found. Assoc. B. 39:241-242,352-354, 1947.
 Sheals, Agr. Chem. 1(5):24-25, 1946.
 Sheals, J. For. 45:712, 1947.
 Sheals & Craighead, Can. Lumberm. 65(7):24, 1945.
 Sherwood, W. Va. Ext. C. 320 rev.:55-56, 1946.
 Sherwood, Mountaineer Grow. 17(163): 6, 1947.
 Shull et al., Ida. C. 103:4-7, 1945.
 Shull et al., Ida. Ext. C. 88:3-4, 1945; 92,3 p., 1946.
 Shull et al., Ida. B. 268:38, 1946.
 Slesman, Ohio B. 665:30-31, 1946.

SPRAY MATERIALS - DDT--Continued.
 Slesman, Ohio St. Grange Month. 49 (5):4, 1946.
 Slesman & Wilson, Ohio B. 673:69-70, 1947.
 Slesman et al., Amer. Potato J. 22: 242-250, 1945.
 Smith, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[20], 1946.
 Smith, N. C. Res. & Farm. (Prog. R. 3):7,9, 1946.
 Smith et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:37, 1947.
 Snapp, Ill. St. Hort. Soc. Trans. 79: 385, 1946.
 Snapp, Hoosier Hort. 29:28, 1947.
 Snapp, J. Ec. Ent. 40:135-136, 1947.
 Snapp, Tenn. St. Hort. Soc. P. 41:29, 33, 1947.
 Sorenson, Utah Farm & Home Sci. 8 (2):14, 1947.
 Spicer & Bromley, Arbor. News 10. 50-51, 1945.
 Stafford & Frazier, Cal. C. 365:67, 69-70, 1946.
 Stafford & Hinkley, Cal. C. 365.91-93, 1946.
 Stage, N. J. Mosq. Exterm. Assoc. P. 32:64-71, 1945.
 Stage, Natl. Malar. Soc. J. 5.99-101, 1946.
 Stanley, Tenn. Hort. 25(1):3-4, 1947.
 Stanley, Tenn. St. Hort. Soc. P. 41:78-79, 1947.
 Starr, Science 102:156-157, 1945.
 Steiner, Mountaineer Grow. 16(161): 8-9, 1946.
 Steiner, Pa. St. Hort. Assoc. P. 87: 40-41, 1946.
 Steinrock, Mosq. News 6:141-153, 1946.
 Still, Ohio St. Hort. Soc. P. 100:148-151, 1947.
 Stirrett, Can. Dept. Agr. Div. Ent. Processed Pub. 56:3-4, 1946.
 Stirrett, Can. Expt. Farms Serv., Tob Div., Lighter 16(2):11, 1946.
 Swanson & Michelbacher, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:6-7, 1945.
 Talbert, Mo. B. 509:34, 1947.
 Tate & Gates, Neb. R. 59:58, 1946.
 Tate & Muma, Neb. R. 59:61-63, 1946.
 Tauber, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:54, 1947.
 b Telford & Guthrie, Agr. Chem. 1(3): 29-31,54-55, 1946.
 Thies, Mass. Ext. Fruit Notes, Dec. 30, 1946:3.
 Thompson, Cit. Indus. 26(12):3,21, 1945.
 i Thone, Crown 36(6):15,22-24, 1947.
 Tissot, Fla. Ent. 30:40, 1947.
 Tissot & Janes, Fla. R. f. 1946/47: 70-71.
 Van Leeuwen, Amer. Fruit Grow. 67 (6):28, 1946.
 Vorhies & Wehrle, Ariz. B. 203:35, 1946.
 Wagner, Northw. Mill. Mill. Prod. Sect. 223(11):3a, 1945; 226(2):10a, 1946.

SPRAY MATERIALS - DDT--Continued.

- Walker, Va. Dept. Agr. B. 445:7-8, 1946.
- Wallace, Conn. B. 488:392-393, 1945.
- Warner, Amer. For. 51:233, 1945.
- Warner, Med. Assoc. Ala. J. 15 174-175, 1945.
- Warner, Natl. Shade Tree Conf. P. 23. 201-204, 1947.
- Watson et al., Natl. Malar. Soc. J. 5: 196,200, 1946.
- Weathersbee, N. J. Mosq. Exterm. Assoc. P. 32:97,99, 1945.
- Webster & Eide, Wash. B. 470:38, 1945.
- Weiss, N. J. Dept. Agr. R. 31.148, 1946.
- Weiss & St. George, USDA FB 1855 rev. 16, 1947.
- Wheeler, N. Y. (G.) Farm Res. 12(3) 15, Can. Fort. Grow. Ed. 69:204, 1946.
- Wheeler, N. Y. St. Hort. Soc. P. 91 14-17, 1946, 92:164, 1947.
- Wheeler, Natl. Shade Tree Conf. P. 23.207, 1947.
- Wheeler & La Plante, N. Y. (G.) R. 65: 18, 1947.
- Whitcomb, Mass. B. 436:40, 1946.
- Whitcomb & Garland, Mass. B. 441 39, 1947.
- Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51 23,117-120, 1945, 52 52-59, 1946.
- White, N. C. St. Bd. Health, Health B. 60(10):6, 1945.
- Whitehead, Okla. Acad. Sci. P. 26.25-26, 1946.
- Whitehead & Morrison, MacDonald Col. J. 7(9).8-9, 1947.
- Whitten & Parker, Natl. Shade Tree Conf. P. 21:13-17, 1945.
- Wildon et al., Mich. Ext. B. 269.25, 270:32, 271.47, 1945.
- Wilkinson, Hoard's Dairym. 92:478, 1947.
- Wilsie, Iowa R. f. 1946/47 pt. 1:84-85.
- Wilson, Fla. R. f. 1946/47:204.
- Wilson & Slesman, Ohio Bimo. B. 30 (232):28-30, 1945.
- Winter, Minn. Fruit Grow. 13(3):8-9, 1946.
- Wolfenbarger, Fla. R. f. 1946/47.248-250.
- Wolfenbarger, Fla. PB 639:4-6, 1947.
- Wolfenbarger & Westgate, Fla. St. Hort. Soc. P. 59:123-124, 1946.
- Yuill et al., Cal. Mosq. Control Assoc. P. 14:44-52, 1946.
- Linck Co., South. Dairy Prod. J. 38(4): 118-119, 1945.
- Ohio B. 655:33, 1945; 670:33-34, 1947.
- Oreg. C. Inform. 411:4, 1947.
- Trimble Bros., Breed. Gaz. 110(9):16-17, 1945.
- U. S. Army Med. Dept. Bul. 4:537-538, 1945.
- USDA EPQ, DDT for Codling Moth Control, 3 p., 1946.
- USDA EPQ, DDT for control Jap. beetle:1-2, 1946.

SPRAY MATERIALS - DDT--Continued.

- USDA EPQ Seasonal Leaf., What to Do About Dutch Elm Dis., 6 p., 1947.
- U. S. Navy, BUMED News Let. 9(2):5, 1947.
- U. S. War Dept. TM 5-632 (PB-2435): 32-36,39,43, 1945.
- Va. Ext. B. 131 rev. 38, 1947.
- Wash. Ext. B. 279 rev. 5-11, 1947.
- West. Coop. Spray Proj. Conf., Agr. Chem. 2(3):33, 1947.
- SPRAY MATERIALS - DDT - APPLICATION
- Latimer, Milk Dealer 35(2):50, 1945.
- Yuill et al., U. S. Navy BUMED News Let. 7(7):15, 1946.
- SPRAY MATERIALS - DDT - COMPATIBILITY
- Hough, Amer. Pom. Soc. P. 60:179-180, 1945?
- SPRAY MATERIALS - DDT - COMPATIBILITY WITH FUNGICIDES
- b Bonde & Snyder, Amer. Potato J. 23:415-425, 1946.
- Heuberger & Stearns, J. Ec. Ent. 39: 267-268, 1946.
- SPRAY MATERIALS - DDT - DOSAGES
- Craighead & Brown, USDA EPQ E-684:5-6, 1946.
- Ebeling, J. Ec. Ent. 40.626-628, 1947.
- SPRAY MATERIALS - DDT - EFFECT OF TEMPERATURE
- Dustan, Can. Ent. 79 1-4, 1947.
- SPRAY MATERIALS - DDT - EFFECT ON APHID POPULATIONS
- Childs, Oreg. St. Hort. Soc. P. 39.65-68, 1947.
- Hough, Amer. Fruit Grow. 66(2):17, 1946.
- Michelbacher et al., Cal. C. 365:87-90, 1946.
- O'Neill et al., Wash. St. Hort. Assoc. Proc. 41:27,30, 1945.
- Porter, Amer. Fruit Grow. 66(2):13, 1946.
- SPRAY MATERIALS - DDT - EFFECT ON BENEFICIAL INSECTS
- Annand, USDA EPQ R. f. 1944/45:12.
- Flanders, Rocky Mountain Conf. Ent. R. 18:7, 1947.
- Griffiths & Stearns, Fla. Ent. 30:1,3-8, 1947.
- Griffiths & Thompson, J. Ec. Ent. 40: 386-388, 1947.
- Hough et al., J. Ec. Ent. 38:423,425, 1945.
- Lord, Can. Ent. 79:206, 1947.
- Newcomer et al., J. Ec. Ent. 39:674-676, 1946.
- O'Neill et al., Wash. St. Hort. Assoc. Proc. 41:27-31, 1945.
- Peterson, Ohio J. Sci. 46:323-326, 1946.
- Steiner et al., Ind. Hort. Soc. Trans. 84:30, 1945; 86:88-96, 1947.
- Thompson, Fla. R. f. 1946/47:160.
- Wingo, Mo. St. Hort. Soc. Hort. News 7(11):2, 1947.
- Yothers, J. Ec. Ent. 40:934, 1947.

**SPRAY MATERIALS - DDT - EFFECT
ON FOREST FAUNA**
Dowden et al., USDA EPQ E-663:11-12, 1945.

**SPRAY MATERIALS - DDT - EFFECT
ON INSECT POPULATIONS**
Annand, USDA EPQ R. f. 1946/47:27.
Craighead & Brown, USDA EPQ E-684:11-12, 1946.
Peterson, Peninsula Hort. Soc. Trans. 60:82-84, 1947.

**SPRAY MATERIALS - DDT - EFFECT
ON LEAF ROLLER POPULATIONS**
Goodrich, N. Y. St. Hort. Soc. P. 92:43, 1947.

Hough, Mountaineer Grow. 7(163):8, 1947.

Hough & Hill, Va. R. f. 1946/47:32.
i Jenkins, Amer. Fruit Grow. 67(8):20, 56, 1947.

**SPRAY MATERIALS - DDT - EFFECT
ON LEAFHOPPER POPULATIONS**
Farrar, Ill. St. Hort. Soc. Trans. 78:142, 1945.

**SPRAY MATERIALS - DDT - EFFECT
ON MITE POPULATIONS**
Annand, USDA EPQ R. f. 1943/44:2; f. 1944/45:11.
Baker & Porter, USDA EPQ E-637:6, 1945.

Bourne & Whitcomb, Mass. B. 428:33, 1945.

i Brown, Flower Grow. 34:565, 584, 1947.

Chandler, Ill. Fruit Exch. News 10(9). 4, 1946.

Chandler, Ill. St. Acad. Sci. Trans. 39:133-134, 1946.

Chandler, Ill. St. Hort. Soc. Trans. 79:276-284, 290, 1946; 80:182-183, 1947.

Childs, Wash. St. Hort. Assoc. P. 42:50-51, 1946.

i Childs, Amer. Fruit Grow. 67(8):21, 44-45, 1947.

Childs, Oreg. St. Hort. Soc. P. 39:65-68, 1947.

Cleveland, Ill. St. Hort. Soc. Trans. 80:190-195, 1947.

Cutright, Ohio B. 665:25, 1946.

i Cutright & Sutton, Ohio St. Hort. Soc. P. 100:55-69, 1947.

Cutright & Vogel, Ohio St. Hort. Soc. P. 79:101-103, 1946.

Dean, J. Ec. Ent. 38:724-725, 1945.

Dean, N. Y. St. Hort. Soc. P. 91:208-209, 1946.

Driggers, J. Ec. Ent. 39:183, 1946.

Farrar, Ill. St. Hort. Soc. Trans. 78:140-142, 1945.

Flebut et al., Rocky Mountain Conf. Ent. R. 18:7-8, 1947.

Fluke et al., Wis. B. 469:43, 1946.

Gardiner, Can. Min. Agr. R. f. 1946/47:84-85.

Graham, Md. St. Hort. Soc. P. 48:17, 1946.

Griffiths & Thompson, J. Ec. Ent. 40:387-388, 1947.

Hadley & Fleming, USDA EPQ E-645:5, 7, 1945.

**SPRAY MATERIALS - DDT - EFFECT
ON MITE POPULATIONS--Continued.**

Harman, N. Y. (G.) Farm Res. 11(2):4, 1945.

Harman, J. Ec. Ent. 39:210, 1946.

Harman, N. Y. St. Hort. Soc. P. 91:74, 1946.

Hough, Amer. Pom. Soc. P. 60:184, 1945?

Hough, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[28], 1945.

Hough, Amer. Fruit Grow. 66(2):17, 35-36, 1946.

Hough, J. Ec. Ent. 39:266-267, 1946.

Hough, Md. Agr. Soc. R. 30:105-106, 1946.

Hough, Md. St. Hort. Soc. P. 48:12-13, 1946.

Hough, Mountaineer Grow. 16(160):11, 1946; 7(163):7, 1947.

List & Newton, Colo. Farm B. 8(3):9, 11-12, 1946.

McDaniel, Tenn. Hort., Aug. 15, 1946:5-6.

Marshall, Wash. St. Hort. Assoc. P. 42:66, 68-70, 1946.

Marshall et al., Ind. Hort. Soc. Trans. 86:24-26, 1947.

Newcomer, Wash. St. Hort. Assoc. P. 42:55, 57-59, 1946.

O'Neill & Lipovsky, Wash. St. Hort. Assoc. P. 42:63-65, 1946.

O'Neill et al., Wash. St. Hort. Assoc. Proc. 41:27-32, 1945.

Parker & Lamerson, Kans. St. Hort. Soc. Bilen. R. 48:71, 75, 1945.

Porter, Amer. Fruit Grow. 66(2):13, 1946.

Pyenson, J. Ec. Ent. 39:264, 1946.

Romney et al., USDA EPQ E-672:5-10, 1945.

Stanley, Tenn. Hort. 25(1):3-4, 1947.

Steiner, Pa. B. 475 sup. 1:3, 1946.

Steiner, Va. Fruit 34:144-145, 1946.

Steiner et al., Ind. Hort. Soc. Trans. 84:30-31, 34, 36-38, 1945, 85:38-42, 1946; 86:88-92, 96-97, 1947.

Steiner et al., Va. Fruit 33(3):8, 1945.

Whitehead, Okla. Acad. Sci. P. 26:26, 1946.

Whitehead & Bewick, Okla. Acad. Sci. P. 27:41-45, 1947.

Woodside, Va. Fruit 34(3):14, 16, 18, 1946.

**SPRAY MATERIALS - DDT - EFFECT
ON PLANTS**

Bonde & Snyder, Maine B. 449:264-266, 1947.

Fleming, USDA EPQ E-724:13-14, 1947.

Flemming & Maines, J. Ec. Ent. 40:849, 1947.

Langford, Natl. Shade Tree Conf. P. 23:149, 1947.

b Smith & Goodhue, J. Ec. Ent. 38:177-178, 1945.

Whitten & Parker, Natl. Shade Tree Conf. P. 21:16-17, 1945.

b Wilson & Slesman, Amer. Potato J. 23:57-64, 1946.

- SPRAY MATERIALS - DDT - EFFECT ON SCALE POPULATIONS**
 Griffiths & Stearns, Fla. Ent. 30:1,3-8, 1947.
 Griffiths & Thompson, J. Ec. Ent. 40 386-388, 1947.
 Michelbacher et al., J. Ec. Ent. 39. 812-813, 1946.
 b Middlekauff et al., J. Ec. Ent. 40: 442-444, 1947.
 Thompson, Fla. R. f. 1945/46.155-156
- SPRAY MATERIALS - DDT - EFFECT ON WILDLIFE**
 Craighead & Brown, USDA EPQ E-649-4, 1945.
 Guyton, For. Leaves 37(1) 10-11, 1947.
- SPRAY MATERIALS - DDT - EFFECT ON YIELD**
 Wylie & Wilson, Fla. R. f. 1945/46 172.
- SPRAY MATERIALS - DDT - FORMU-LAE**
 Cooper, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[27], 1945.
 Craighead & Brown, USDA EPQ E-684.5-6, 1946.
 Feiner, Food Indus. 17.1447-1448, 1945.
 Sandholzer & Lindquist, U. S. Dept. Int. Fish & Wildlife Serv. Fishery Leaf. 146.2-3, 1945, Pests 14(1).22, 24, 1946.
- SPRAY MATERIALS - DDT - FORMU-LATIONS**
 Jones & Fluno, J. Ec. Ent. 39 536-537, 1946.
 Kido & Allen, Agr. Chem. 2(6).21-23, 67,69, 1947.
 Steiner et al., Ind. Hort. Soc. Trans. 85.43-44, 1946, 86:95, 1947.
 Woodruff & Turner, Conn. B. 512 60-67, 1946.
- SPRAY MATERIALS - DDT - GROWER EXPERIENCES**
 1 Reed et al., Amer. Fruit Grow. 66 (2) 15-16,41-42,44,46-47,51, 1946.
- SPRAY MATERIALS - DDT - HAZARDS & SAFEGUARDS**
 Bice, Hawaii Ext. C. 86 rev..3, 1947.
 Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):14, 1946.
 Feiner, Food Indus. 17.1447, 1945.
 Hansens, Sewage Works J. 19.515, 1947.
 Holmes, Bakers' Helper 86(1074).82-83, 1946.
 Lewis, Camping Mag. 18(6):13, 1946.
 Sandholzer & Lemon, Food Indus. 18. 862-863,1000,1002, 1946.
 Searles, Kraftsm. Prod. Ed. 3(6):16-17, 1945.
 Skovholt & Hanschka, Bakers' Wkly. 129(12):84, 1946.
 Stierli et al., U. S. Pub. Health Rpts. Sup. 186:62,65, 1945.
 Woodman, Amer. Restaurant Mag. 29 (12):92-93, 1945.
- SPRAY MATERIALS - DDT - PAINT**
 Morrison et al., Oreg. C. Inform. 382: 4, 1946.
- SPRAY MATERIALS - DDT - RELATED COMPOUNDS, see SPRAY MA-TERIALS - 2,2-BIS (p-BROMO-PHENYL) 1,1,1-TRICHLOROETH-ANE; SPRAY MATERIALS - DI-CHLORO-DIPHENYL-DICHLORO-ETHANE; SPRAY MATERIALS - METHOXYCHLOR**
- SPRAY MATERIALS - DDT - RESIDUAL EFFECTS**
 Annand, USDA EPQ R. f. 1943/44.8, f. 1945/46:8.
 bi Baker et al., U. S. Pub. Health Rpts. 62.597-612, 1947.
 Becker, Mass. B. 441.40-42, 1947.
 b Bishopp, N. Y. Acad. Med. B. 21: 575-576, 1945.
 Bourne, Mass. B. 441.36, 1947.
 Bradley, Cal. Mosq. Control Assoc. P. 14:12-17, 1946.
 Bradley, N. J. Mosq. Exterm. Assoc. P. 33.43-47, 1946.
 Brothers, Sewage Works J. 18:201-204, 1946.
 Chandler, Rice Inst. Pam. 33:249-251, 1946.
 Clapp et al., U. S. Pub. Health Rpts. 62.158-170, 1947.
 Daley & Bailor, U. S. Navy Hosp. Corps Quart. 19(4):14, 1946.
 Dawson, Amer. Mill. 74(4):111-112, 1946.
 Doner, Soap & Sanit. Chem. 23(6).139, 141,143,193, 1947.
 Doner & Anderson, Soap & Sanit. Chem. 23(10).124-125,159, 1947.
 Dove, USDA EPQ E-673 3,10, 1945.
 Dowden et al., USDA EPQ E-663.8-10, 1945.
 Dustan & Putman, Can. Ent. 79.218-219, 1947.
 Elmendorf, Amer. J. Trop. Med. 26 663-685, 1946.
 Fay et al., U. S. Pub. Health Rpts. Sup. 186:21-34, 1945, 62:149-158, 1947.
 Griffiths & Stearns, Fla. Ent. 30.5-7, 1947.
 b Gunther et al., J. Ec. Ent. 39:624-627, 1946.
 Henderson & Stage, Pests 14(6) 16,18, 1946.
 b Hinman & Cutkomp, Amer. J. Trop. Med. 27.449-461, 1947.
 Hoskins, Cal. Mosq. Control Assoc. P. 14:35-36, 1946.
 Hutson et al., Mich. St. Hort. Soc. R. 75:24, 1946.
 Jensen, N. C. St. Bd. Health, Health B. 60(10):12-14, 1945.
 Johnson, Food Mater. & Equip. 5(10): 5; Macaroni J. 27(7):8, 1945.
 Knippling, Natl. Malar. Soc. J. 4:82-86,90, 1945.
 Knowles & Smith, U. S. Pub. Health Rpts. 60:1276-1279, 1945, 61:1806-1810, 1946.
 Lihdquist & McDuffie, J. Ec. Ent. 38. 608, 1945.
 List, Colo. Farm B. 7(5):4, 1945.

SPRAY MATERIALS - DDT - RESIDUAL EFFECTS--Continued.

- McFarland, Human Factors in Air Transport Design:189-190, 1946.
Madden & Lindquist, USDA EPQ ET-230,3 p., 1946.
b Madden et al., Mosq. News 5:100-104, 1945.
Madden et al., Pest Control & Sanit. 1(3):19, 1946.
Madden et al., J. Ec. Ent. 40:119-123, 1947.
Metcalf et al., U. S. Pub. Health Rpts. 60:754-765, 1945.
Michelbacher & Smith, Cal. C. 365:95-96, 1946.
i Monro et al., Soap & Sanit. Chem. 23 (8):123,125,127,129,143,145, 1947.
Morrison, Quebec Soc. Protect. Plants R. 30:48-50, 1947.
Orr & Wygant, USDA EPQ E-669:3,5, 1945.
Romeny et al., USDA EPQ E-672:8,11, 12, 1945.
i Sandholzer & Lemon, Food Indus. 18: 861-863,1000, 1946.
Schoof & Ashton, N. C. St. Bd. Health, Health B. 60(10):14,16, 1945.
Searls, Can. Dairy & Ice Cream J. 24 (11):48-49, 1945.
Simmons, U. S. Pub. Health Rpts. 60: 917-923, 1945.
Simmons, Natl. Malar. Soc. J. 5:157-159, 1946.
Stage, N. J. Mosq. Exterm. Assoc. P. 32:70-71, 1945.
Stage, Cal. Mosq. Control Assoc. P. 14:9-12, 1946.
Stage, Mosq. News 6:38, 1946.
Stierli et al., U. S. Pub. Health Rpts. Sup. 186:49-65, 1945.
Tarzwell & Fisk, U. S. Pub. Health Rpts. 62:85,87-94, 1947.
Tarzwell & Stierli, U. S. Pub. Health Rpts. Sup. 186:35-48, 1945.
Thompson, J. Ec. Ent. 39:537, 1946.
b Trapido, Amer. J. Trop. Med. 26: 383-415, 1946.
Travis, Mosq. News 6:25-26, 1946.
Twinn, Can. Dept. Agr. Sci. Serv. Div. Ent. Processed Pub. 25:3-6, 1945.
Guernsey Breed, J. 68:668-669, 1945.
U. S. Army Med. Dept. Bul. 88:33, 1945.
USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606:21-25, 1946.
U. S. War Dept. TB Med 194(PB-2436): 13-17, 1945.
- # **SPRAY MATERIALS - DDT - SOLVENTS**
- Craighead & Brown, USDA EPQ E-649:6-7, 1945.
Ebeling, J. Ec. Ent. 40:630, 1947.
Elmendorf, Amer. J. Trop. Med. 26: 663,665-685, 1946.
Fay et al., U. S. Pub. Health Rpts. Sup. 186:30-34, 1945.
Fay et al., U. S. Pub. Health Rpts. 62: 156-157, 1947.
Feiner, Food Indus. 17:1447, 1945.
b Fleck & Haller, Indus. & Engin. Chem. Indus. Ed. 38:177-178, 1946.

SPRAY MATERIALS - DDT - SOLVENTS --Continued.

- Gunther, Amer. Chem. Soc. J. 67:189-190, 1945.
Jacobs, Baker's Digest 20(2):33, 1946.
Jones et al., J. Ec. Ent. 38:208, 1945.
Jones et al., Soap & Sanit. Chem. 21 (11):110-113,115,155, 1945.
McCauley, Pests 14(4):5, 1946.
McPeak, Air Surg. B. 2:76, 1945.
Sandholzer & Lemon, Food Indus. 18: 863, 1946.
Stierli et al., U. S. Pub. Health Rpts. Sup. 186:50-53,65, 1945.
U. S. War Dept. TB Med 194(PB-2436):2, 1945.
- # **SPRAY MATERIALS - DDT - SURFACES - DIFFERENT TYPES**
- Clapp et al., U. S. Pub. Health Rpts. 62:158-170, 1947.
- # **SPRAY MATERIALS - DDT - TESTS**
- Alicata et al., J. Ec. Ent. 40:922-923, 1947.
b Blakeslee, J. Ec. Ent. 38:548-549, 1945.
Blakeslee et al., J. Ec. Ent. 40:664-666, 1947.
Borden & Jeppson, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 7, 1945.
Bromley, J. Ec. Ent. 40:237-239, 1947.
Brown & Hurtig, J. Ec. Ent. 40:277, 1947.
b Brown et al., Can. Ent. 79:161-166, 1947.
Bruce, J. Ec. Ent. 40:591, 1947.
Campbell & Filmer, Hints to Potato Grow. 26(10):1-3, 1946.
Childs, J. Ec. Ent. 40:452, 1947.
i Collins & Glasgow, J. Ec. Ent. 39: 241-245, 1946.
Cox, J. Ec. Ent. 40:195-198; 589-590, 1947.
Craighead & Brown, USDA EPQ E-684,14 p., 1946.
bi Cutkomp, J. Ec. Ent. 40:328-333, 1947.
Dewey, Amer. Fruit Grow. 66(2):48, 51, 1946.
Driggers, J. Ec. Ent. 39:181-183, 1946.
Fenton & Afanasiev, J. Ec. Ent. 39: 818, 1946.
Fleming & Maines, J. Ec. Ent. 40: 845-850, 1947.
i Furman, J. Ec. Ent. 39:541-542, 1946.
Gahan & Lindquist, J. Ec. Ent. 38: 223-230, 1945.
Gahan et al., J. Ec. Ent. 38:231-240, 1945.
Gambrell, J. Ec. Ent. 39:171-173, 1946.
Gerberg, J. Ec. Ent. 39:676, 1946.
Glasgow & Collins, J. Ec. Ent. 39: 237-240, 1946.
Graham, J. Ec. Ent. 38:272-273, 1945.
Hetrick, J. Ec. Ent. 39:268-269, 1946.
Hough et al., J. Ec. Ent. 38:422-425, 1945.

SPRAY MATERIALS - TESTS--Continued

- Langford & Squires, J. Ec. Ent. 40: 269-270, 1947.
 Lindquist et al., J. Ec. Ent. 38:257-261, 1945.
 Lindquist et al., Soap & Sanit. Chem. 21(7):109,111,113,119, 1945.
 b Madden et al., J. Ec. Ent. 38:268-270, 1945; 39:463-467, 1946.
 b Melnick et al., U. S. Pub. Health Rpts. 62:910-922, 1947.
 bi Michelbacher, J. Ec. Ent. 38:352-355, 1945.
 Michelbacher et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 29-30, 1945.
 Nickels, J. Ec. Ent. 39:272-273, 1946.
 Orr & Wygant, USDA EPQ E-669, 10 p., 1945.
 Parker & Eshbaugh, J. Ec. Ent. 40: 861-864, 1947.
 Parr & Baker, USDA EPQ E-667, 7 p., 1945.
 Pearls, J. Ec. Ent. 39:91-92, 1946.
 Potts et al., J. Ec. Ent. 38:497, 1945.
 Pyenson, J. Ec. Ent. 39:264, 1946.
 Randolph, J. Ec. Ent. 39:396, 1946.
 Reed, Soap & Sanit. Chem. 22(1):137, 139, 1946.
 Richardson, J. Ec. Ent. 39 381,391-393, 1946.
 Schroeder et al., Soap & Sanit. Chem. 22(4):145,147,153, 1946.
 i Stage, J. Ec. Ent. 40:759-762, 1947.
 Stearns, Soap & Sanit. Chem. 23(1): 118-119,141, 1947.
 Sweetman, J. Ec. Ent. 40:454-455, 1947.
 b Watkins, J. Ec. Ent. 39:257-261, 1946.
 Weinman, J. Ec. Ent. 40:568, 1947.
 b Wheeler, J. Ec. Ent. 38:274, 281-282, 1945.
 Whitten, USDA EPQ E-670, 12 p., 1945.

SPRAY MATERIALS - DDT - TESTS, COMPARATIVE

- Nickels & Pierce, J. Ec. Ent. 38:607, 1945.
 i Parker & Beachler, Del. B. 264.8-15, 17,19-25, 1947.

SPRAY MATERIALS - DDT - TOXICITY

- Dewey, N. Y. St. Hort. Soc. P. 90:51, 1945.
 Gersdorff, Soap & Sanit. Chem. 22(3): 126-127, 1946.
 Gersdorff & McGovran, Soap & Sanit. Chem. 21(11):117,121, 1945.
 b Hill & Damiani, N. Eng. J. Med. 235: 897-899, 1946.
 McPeak, Air Surg. B. 2:75, 1945.
 Schwardt, N. Y. St. Assoc. Milk Sanit. R. 20:165-166, 1947.
 Steiner et al., Ind. Hort. Soc. Trans. 85:44, 1946.
 Turner, Cornell Plantations 1:57, 1945.

SPRAY MATERIALS - DDT - TOXICITY - DDT-KILLED INSECTS, see INSECTICIDES - DDT - TOXICITY OF - DDT-KILLED INSECTS

SPRAY MATERIALS - DDT - TOXICITY - DAIRY PRODUCTS, see INSECTICIDES - DDT - TOXICITY - DAIRY PRODUCTS

SPRAY MATERIALS - DDT - TOXICITY TO ANIMALS

- Clyburn, S. C. R. 59:95-96, 1947.
 Cuff, Soap & Sanit. Chem. 22(8):181, 1946.
 b Kendeligh, Ont. Dept. Lands & For. Div. Res. Biol. B., 100 p., 1947.
 Kingscote et al., Can. J. Compar. Med 10:322-323, 1946.
 Michelbacher & Smith, Cal. C. 365: 97, 1946.
 Mitchell, J. Wildlife Mangt. 10:192-194, 1946.
 Stewart et al., J. Wildlife Mangt. 10. 195-201, 1946.
 Stickel, J. Wildlife Mangt. 10 216-218, 1946.
 Telford & Guthrie, Soap & Sanit. Chem. 22(9):124-125,133, 1946.

SPRAY MATERIALS - DDT - TOXICITY TO AQUATIC LIFE

- bi Hess & Keener, J. Wildlife Mangt. 11 1-10, 1947.
 Tiller & Cory, J. Ec. Ent. 40:431-433, 1947.

SPRAY MATERIALS - DDT - TOXICITY TO FISH

- Craighead & Brown, USDA EPQ E-684:11, 1946.
 Hess & Keener, Sci. News Let. 50 264, 1946.

SPRAY MATERIALS - DDT - TOXICITY TO INSECTS

- Cooke & Friend, Conn. B. 501:29-30, 1946.
 Fay et al., U. S. Pub. Health Rpts. Sup. 186.22-34, 1945.
 b Griffiths & Thompson, J. Ec. Ent. 40:386-388, 1947.
 Peterson, Ohio J. Sci. 46:323-326, 1946.
 Tarzwell & Stierli, U. S. Pub. Health Rpts. Sup. 186:35, 1945.

- bi Turner & Woodruff, Conn. B. 512. 93-97, 1946.

SPRAY MATERIALS - DDT - TOXICITY TO INSECTS - BEES

- Anderson, Pa. B. 475 sup. 1 4, 1946.
 Clark, Iowa St. Hort. Soc. Trans. 80: 76, 1945.
 Dyce, N. Y. St. Hort. Soc. P. 92.100, 1947.

SPRAY MATERIALS - DDT - TOXICITY TO WILDLIFE

- Bailey, Vt. Comnr. Agr. Bien. R. 23: 81-82, 1946.
 Botsford & Elston, Conn. B. 512:44-45, 1946.
 Cooke & Friend, Conn. B. 501:29-30, 1946.
 Cottam & Higgins, J. Ec. Ent. 39:44-52; correction:295, 1946.
 Couch, N. Amer. Wildlife Conf. Trans 11:323-329, 1946.
 Craighead & Brown, USDA EPQ E-684:12-13, 1945.

- SPRAY MATERIALS - DDT - TOXICITY TO WILDLIFE**--Continued.
 Erickson, U. S. Pub. Health Rpts. 62: 1254-1262, 1947.
 Handlan, W. Va. Conserv. 10(5, i.e. 6): 6-7, 18, 1946.
 Heath, Can. J. Pub. Health 38:407, 1947.
 Stage, J. Ec. Ent. 40:762, 1947.
- SPRAY MATERIALS - DDT - WATER SUPPLIES**
 Dowden et al., USDA EPQ E-663, 10, 1945.
 b Flentje, Amer. Water Works Assoc. J. 37:1199-1203, 1945.
 Stilson, Amer. Water Works Assoc. J. 38:625-636, 1946.
- SPRAY MATERIALS - DDT - WATER SUSPENSIONS & PARTICLE SIZE**
 Woodruff & Turner, J. Ec. Ent. 40: 206-211, 1947.
- SPRAY MATERIALS - DDT - WHITE-WASH**
 Fluke & Dobson, Wis. B. 469:67, 1946.
 Gelgy Co., Inc., Glass Packer 797, 817, 1946.
 Schwaradt, N. Y. St. Assoc. Milk Sanit. R. 20:164-165, 1947.
- SPRAY MATERIALS - DDT & AIR CURENTS**
 i Dustan et al., Can. Ent. 79:45-50, 1947.
- SPRAY MATERIALS - DDT & BENTONITE**
 Slate, Conn. R. f. 1944/45:22.
 Wallace, Conn. B. 501:86, 1946.
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:201, 207, 1946.
- SPRAY MATERIALS - DDT & BENZENE HEXACHLORIDE**
 Simms, USDA BAI R. f. 1945/46:44.
 Whitcomb & Garland, Mass. B. 441: 39, 1947.
- SPRAY MATERIALS - DDT & BENZENE HEXACHLORIDE & OIL**
 Cobbett, Amer. J. Vet. Res. 8:280-283, 1947.
- SPRAY MATERIALS - DDT & BENZENE SOLUTION**
 Harman, J. Ec. Ent. 39:210, 1946.
- SPRAY MATERIALS - DDT & BENZENE (TECHNICAL) & KEROSENE**
 Still, Ohio St. Hort. Soc. P. 79:81-82, 1946.
- SPRAY MATERIALS - DDT & BENZYL BENZOATE MIXTURE**
 Stage & Knipling, Reunion Interamer. del Tifo Pub. Ofic. 1:279, 1947.
- SPRAY MATERIALS - DDT & BLACK DISINFECTANT - TOXICITY TO ANIMALS**
 Kingscote et al., Can. J. Compar. Med. 322-323, 1946.
- SPRAY MATERIALS - DDT & BLOOD ALBUMIN**
 Gardner et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:25-26, 1945.
 Michelbacher et al., in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 29, 1945.
- SPRAY MATERIALS - DDT & BLOOD ALBUMIN & OIL**
 Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:24, 1945.
- SPRAY MATERIALS - DDT & BORDEAUX MIXTURE**
 Brann, N. Y. (G.) R. 65:16, 1947.
 Fleming & Maines, J. Ec. Ent. 40. 847-850, 1947.
 Fulton & Glendenning, Common-Tater 2(7):5, 1946.
 Gardiner, Can. Min. Agr. R. f. 1946/47:85.
 Langford & Cory, J. Ec. Ent. 38:202-204, 1945.
 Leach & Bishop, W. Va. B. 326:29-30, 1946.
 Phillips, Fla. R. f. 1945/46:61, 1946/47:66-67, 71.
 Price, Ky. Ext. C. 435:3, 1947.
 Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-192, 1946.
 Udine, Guide Post 24(2/3):17, 1947.
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-198, 205-206, 1946.
- SPRAY MATERIALS - DDT & BORDEAUX MIXTURE & CALCIUM ARSENATE**
 Bourne, Mass. B. 428:37, 1945.
- SPRAY MATERIALS - DDT & BORDEAUX MIXTURE & OIL**
 Armstrong, Ky. Fruit Notes 3(1):1, 1946.
 Cox, Pa. B. 480 sup. 3:10, 1947.
 Trullinger et al., USDA OES R. f. 1945/46:107, 1947.
- SPRAY MATERIALS - DDT & BORDEAUX MIXTURE & PYROPHYL-LITE**
 Steiner et al., Va. Fruit 33(3):6, 1945.
- SPRAY MATERIALS - DDT & CASTOR OIL (SULPHONATED)**
 Holdaway et al., Hawaii R. f. 1944/46 76-77, 1947.
 Storey et al., Hawaii R. f. 1944/46:85, 1947.
- SPRAY MATERIALS - DDT & CHLORDANE (VELSICOL 1068) & KEROSENE**
 Kendeligh, Ont. Dept. Lands & For. Div. Res. Biol. B. 1:14, 96, 1947.
- SPRAY MATERIALS - DDT & CHLORDANE (VELSICOL 1068) EMULSION**
 Gardiner, Can. Min. Agr. R. f. 1946/47:83.
- SPRAY MATERIALS - DDT & CLAY (CHEROKEE)**
 Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:201, 207, 1946.
- SPRAY MATERIALS - DDT & COPPER**
 Fox & Perron, Ent. Soc. Ont. R. 76: 27-31, 1946.
- SPRAY MATERIALS - DDT & COPPER (FIXED)**
 Morofsky & Muncie, Mich. Ext. B. 181 rev.:2, 4, 1946.

SPRAY MATERIALS - DDT & COPPER (FIXED)--Continued.

- Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-190, 192, 1946.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196, 205-206, 1946.
SPRAY MATERIALS - DDT & COPPER (FIXED) - EFFECT ON YIELD
b Wilson & Sleesman, Amer. Potato J. 24:260-266, 1947.
SPRAY MATERIALS - DDT & COPPER ARSENATE (BASIC)
Allen & Early, S. C. R. 59:121, 1947.
SPRAY MATERIALS - DDT & CRYO-LITE
Allen & Early, S. C. R. 59:122-123, 1947.
SPRAY MATERIALS - DDT & CUBE
Simms, USDA BAI R. f. 1945/46:43.
SPRAY MATERIALS - DDT & CUBE & KEROSENE
Ebeling, Cal. Citrog. 30:193, 1945.
SPRAY MATERIALS - DDT & CUBE & OIL
Cobbett, Amer. J. Vet. Res. 8:280-283, 1947.
SPRAY MATERIALS - DDT & DN-111
Childs, Wash. St. Hort. Assoc. P. 42:51-52, 1946.
Karr et al., Wash. St. Hort. Assoc. P. 43:131-132, 144, 1947.
McDaniel, Tenn. Hort., Aug. 15, 1946:6.
Newcomer, Wash. St. Hort. Assoc. P. 42:55, 57-59, 1946.
Overley, Wash. B. 470:87, 1945.
Slate, Conn. R. f. 1945/46:10.
Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:48, 1947.
SPRAY MATERIALS - DDT & DICHLORO-DIPHENYL-DICHLORO-ETHANE (Z-39)
Lininger et al., Pa. B. 475:37, 1945.
SPRAY MATERIALS - DDT & DINITRO COMPOUNDS
Newcomer, Wash. St. Hort. Assoc. P. 43:23, 1947.
Webster & O'Neill, Wash. B. 470:38, 1945.
SPRAY MATERIALS - DDT & DINITRO-O-CYCLOHEXYL-PHENOL
Plummer, East. Fruit Grow. 9(6):6, 10, 1946.
SPRAY MATERIALS - DDT & DITHANES
Leach & Bishop, W. Va. B. 326:29-30, 1946.
Thurston, Pa. B. 480, Sup. 3:8-9, 1947.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31:202, 204, 207, 1946.
SPRAY MATERIALS - DDT & DOW-SPRAY 17
Brown, Amer. Dahlia Soc. B. ser. 19(1):10, 1946.
Granovsky, Minn. Hort. 75:60, 1947.
SPRAY MATERIALS - DDT & ETHYLENE DICHLORIDE & ROSIN RESIDUE EMULSION
Langford & Cory, J. Ec. Ent. 38:202-204, 1945.

SPRAY MATERIALS - DDT & ETHYLENE DICHLORIDE EMULSION

- Langford & Cory, J. Ec. Ent. 38:202-204, 1945.
SPRAY MATERIALS - DDT & FERBAM
Baver, N. C. R. 69:61, 1946.
Flemming & Maines, J. Ec. Ent. 40:847-850, 1947.
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-190, 192, 1946.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196, 205-206, 1946.
Va. Ext. B. 97 rev.:43, 1947.
SPRAY MATERIALS - DDT & FUNGICIDES
Bonde et al., Maine B. 449:293-294, 367, 1947.
Clarkson, N. B. Dept. Agr. R. f. 1945/46:83-84.
Doyle et al., Quebec Soc. Protect. Plants R. 30:162-170, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:46.
Hopperstead, Agr. Chem. 2(6):26, 1947.
Kido & Allen, Agr. Chem. 2(6):23, 67, 1947.
Reek, Ont. Agr. Col. & Expt. Farm R. 71:27, 73-74, 1946.
Sleesman, Ohio B. 665:31, 1946.
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-192, 1946.
Sleesman & Wilson, Ohio B. 673:69-70, 1947.
Steiner, Ind. Hort. Soc. Trans. 86:85, 88, 1947.
Wilson & Sleesman, Ohio B. 665:30, 1946.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-196, 205-206, 1946.
Woodside, Va. Fruit 34(3):14, 16, 1946.
SPRAY MATERIALS - DDT & HEXA-ETHYL TETRAPHOSPHATE
Clark & Hoveland, Wis. B. 472:16, 1947.
Karr et al., Wash. St. Hort. Assoc. P. 43:136-137, 144, 1947.
SPRAY MATERIALS - DDT & HY-DROXYPENTAMETHYLFLAVAN
Bourne & Whitcomb, Mass. B. 441:33, 1947.
Parker & Eshbaugh, J. Ec. Ent. 40:861-862, 864, 1947.
SPRAY MATERIALS - DDT & HY-DROXYPENTAMETHYLFLAVAN (FLAVAN, DuPont)
Yetter, J. Ec. Ent. 40:274-275, 1947.
SPRAY MATERIALS - DDT & ISO-BORNYL THIOCYANOACETATE
Parker & Beachler, Del. B. 264:14, 17, 1947.
Rice et al., Soap & Sanit. Chem. 21(3):119, 121, 146, 1945.
SPRAY MATERIALS - DDT & KEROSENE
Back, USDA Leaf. 149 rev.:3, 1946; 145 rev.:4-5, 1947.
Billings, Sewage Works J. 19:1078-1079, 1947. (Abs.)

- SPRAY MATERIALS - DDT & KERO-SENE**--Continued.
- Boyce, Cal. Citrog. 31:185, 1946.
- Brother & Angley, Air Surg. B. 2:54-55, 1945.
- i Curran, Nat. Hist. 54:402-405, 1943, 1945.
- i Ebeling, Cal. Citrog. 30:164, 1945.
- Elmendorf et al., Amer. J. Trop. Med. 27:137-144, 1947.
- Gannon, Ga. Ext. B. 524 rev.:30, 1947.
- Hall, Air Surg. B. 2:71-73, 1945.
- Hansens, N. J. Mosq. Exterm. Assoc. P. 32:57-61, 1945.
- Hixson & Muma, Neb. R. 60:56, 1947.
- Hoskins & Caldwell, Soap & Sanit. Chem. 23(4):144, 161, 163, 165, 167, 1947.
- Jeppson, Cal. Agr. 1(8):3, 1947.
- Jeppson, Cal. Citrog. 32:331, 1947.
- Kulash, N. C. Res. & Farm. 4 (Prog. R. 1):7, 10, 1945.
- bi Kulash, Poult. Sci. 26:45-47, 1947.
- Kulash & Maxwell, J. Ec. Ent. 38:606, 1945.
- Lewis, Cal. Citrog. 32:32-33, 1946.
- Michelbacher & Smith, Cal. C. 365:94-96, 1946.
- Searls, Amer. Butter Rev. 9(5):40-41, 1947. (Abs.)
- Slate, Conn. R. f. 1945/46:11.
- Squibb, J. Anlm. Sci. 4:293-296, 1945.
- Stafford & Frazier, Cal. C. 365:69-70, 1946.
- Tate & Muma, Neb. R. 59:63, 1946.
- Van Riper, Science 104:111, 1946.
- White, Milk Plant Month. 36(2):38, 1947.
- Whitten, USDA EPQ E-670:2-3, 5-12, 1945.
- SPRAY MATERIALS - DDT & KERO-SENE - RESIDUAL EFFECTS**
- Slate, Conn. R. f. 1945/46:8.
- SPRAY MATERIALS - DDT & KERO-SENE - TOXICITY**
- Angley, Air Surg. B. 2:77-78, 1945.
- SPRAY MATERIALS - DDT & KERO-SENE & ALUMINUM STEARATE**
- i Ebeling, J. Ec. Ent. 38:689-691, 1945; 40:619-620, 622-625, 628-632, 1947.
- SPRAY MATERIALS - DDT & KERO-SENE & SODIUM LAURYL SULFATE**
- Hansens, N. J. Mosq. Exterm. Assoc. P. 32:57-61, 1945.
- SPRAY MATERIALS - DDT & KERO-SENE & XYLENE**
- Botsford, Conn. B. 501:36, 1946.
- Cooke & Friend, Conn. B. 501:28-30, 1946.
- Guyton, For. Leaves 37(1):10-11, 1947.
- Plummer & Shaw, J. Ec. Ent. 40:503-504, 1947.
- Rex, For. Leaves 37(3/4):8, 1947.
- Slate, Conn. R. f. 1944/45:13, 25.
- Zappe et al., Conn. B. 501:38-47, 1946.
- SPRAY MATERIALS - DDT & KEROSENE (DEOBASE) & XYLENE**
- Cutright, Ohio St. Hort. Soc. P. 100:187-188, 1947.
- SPRAY MATERIALS - DDT & KERO-SENE (WATER WHITE)**
- Morrison, Quebec Soc. Protect. Plants R. 30:49, 1947.
- SPRAY MATERIALS - DDT & KERO-SENE EMULSION**
- Lininger et al., Pa. B. 480:40, 1946.
- Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:23, 1945.
- SPRAY MATERIALS - DDT & LEAD ARSENATE**
- Allen & Early, S. C. R. 59:121-123, 1947.
- Annand, USDA EPQ R. f. 1944/45:11.
- Bourne et al., Mass. B. 441:35, 1947.
- Chandler, Ill. Fruit Exch. News 10(9):4, 1946.
- Graham, Md. Fruit Grow. 15(1):4, 1945.
- Hixson et al., Neb. R. 60:53, 1947.
- Hough, Md. St. Hort. Soc. P. 48:14, 1946.
- Hough, Va. Fruit 34:133-134, 1946.
- Orr & Wygant, USDA EPQ E-669:2-5, 7, 1945.
- Steiner et al., Ind. Hort. Soc. Trans. 84:32-33, 38, 1945; 86:86-87, 93, 1947.
- Whitcomb, Mass. B. 436:40, 1946.
- Whitcomb & Garland, Mass. B. 441:39, 1947.
- SPRAY MATERIALS - DDT & LEAD ARSENATE & BORDEAUX MIXTURE**
- Armstrong, Ky. Fruit Notes 3(1):1, 1946.
- SPRAY MATERIALS - DDT & LEAD ARSENATE & FERMATE**
- Winter, Minn. Fruit Grow. 14(4):11, 1947.
- SPRAY MATERIALS - DDT & LEAD ARSENATE & LIME-SULFUR**
- Richardson, Iowa St. Hort. Soc. Trans. 82:138, 1947.
- SPRAY MATERIALS - DDT & LEAD ARSENATE & NICOTINE**
- Armstrong, Ky. Fruit Notes 3(1):1, 1946.
- SPRAY MATERIALS - DDT & LEAD ARSENATE & OIL**
- Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:48, 1947.
- SPRAY MATERIALS - DDT & LEAD ARSENATE & SULFUR**
- Richardson, Iowa St. Hort. Soc. Trans. 82:138, 1947.
- Slate, Conn. R. f. 1945/46:9-10.
- SPRAY MATERIALS - DDT & LETHANE**
- Alicata et al., J. Ec. Ent. 40:922-923, 1947.
- SPRAY MATERIALS - DDT & LETHANE (B72) & TRITON**
- Henderson, West. Colo. Hort. Soc. Trans. f. 1946:31-34, 1947.
- SPRAY MATERIALS - DDT & LIME**
- Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:201, 207, 1946.
- SPRAY MATERIALS - DDT & LIME & COPPER SULFATE**
- Morofsky & Muncie, Mich. Ext. B. 181 rev.:2, 4, 1946.

SPRAY MATERIALS - DDT & LINSEED OIL & KEROSENE

Whitten, USDA EPQ E-670:2-3,5-12, 1945.

SPRAY MATERIALS - DDT & METHYLATED NAPHTHALENE & KEROSENE

1 Amer. Pharm. Assoc. J. 6:263, 1945

SPRAY MATERIALS - DDT & NICOTINE (DRY CONCENTRATE)

b Middlekauff, J. Ec. Ent. 40:442-444, 1947.

SPRAY MATERIALS - DDT & NICOTINE (FIXED)

Chandler, Ill. Fruit Exch. News 10(9): 4, 1946.

SPRAY MATERIALS - DDT & NICOTINE & OIL

Cutright, Ohio B. 673:63, 1947.

SPRAY MATERIALS - DDT & NICOTINE BENTONITE

Annard, USDA EPQ R. f. 1944/45.11.

Armstrong, Ky. Fruit Notes 3(1).1, 1946.

Parker & Eshbaugh, J. Ec. Ent. 40 861-864, 1947.

SPRAY MATERIALS - DDT & NICOTINE BENTONITE & OIL

Armstrong, Ky. Fruit Notes 3(1).1, 1946.

Hinrichs & Bieberdorf, Okla. Pecan

Grow. Assoc. R. f. 1945:62,64.

Steiner, Amer. Assoc. Ec. Ent. N.

Cent. Sts. Branch P. 2:47-48, 1947.

SPRAY MATERIALS - DDT & NICOTINE SULFATE

Douglass, Ida. B. 269:32, 1947.

Ryan, N. Amer. Glad. Council B., June 1946-6.

SPRAY MATERIALS - DDT & NICOTINE SULFATE MIXTURES

Cutright & Sutton, Ohio St. Hort. Soc.

P. 100:62,64,66, 1947.

SPRAY MATERIALS - DDT & OIL

Bacon et al., Cal. C. 365:85-87, 1946.

1 Bodine, Amer. Forests 53:440-443, 1947.

Botsford & Elston, Conn. B. 512:38-39,42-45, 1946.

Brann, N. Y. St. Hort. Soc. P. 92.174-175, 1947.

Brooks & Anderson, Va. Ext. Veg.

Grow. News 1(5):3, 1946.

Bushland, J. Ec. Ent. 39:345-346, 1946.

Carr, Cal. Dept. Agr. B. 35:289, 1946.

Chandler, Amer. Assoc. Ec. Ent. N.

Cent. Sts. Branch P. 2:57, 1947.

Cobbett, Amer. J. Vet. Res. 8:280-283, 1947.

Condit, Cal. Ext. C. 135:32, 1947.

Connaughton, USDA FS South. For.

Expt. Sts. R. 27:26, 1947.

Cutright & Sutton, Ohio St. Hort. Soc.

P. 100:60,62,64,66, 1947.

Dean, N. Y. (G.) R. 65:23, 1947.

Ebeling, Cal. Citrog. 30:164, 1945.

b Ebeling, J. Ec. Ent. 38:556-559,561-563, 1945; 40:619-632, 1947.

Evenden & Jost, USDA EPQ et al.,

Rpt. of Tussock Moth Control No. Ida. 1947:c,13-24, [31].

SPRAY MATERIALS - DDT & OIL--Continued.

French, Va. Dept. Agr. & Immigr. B. 456:11, 1947.

Gentry, Vet. Med. 42:186, 1947.

Gould, Milk Plant Month. 35(7):55, 1946.

Gould, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:42, 1947.

Gray, Can. Food Packer 17(12):29,31, 1946.

Gray, Alameda Co. (Cal.) Mosq.

Abatement Dist. R. f. 1946:8-12, 1947.

Griffiths & Stearns, Fla. Ent. 30:1,3-8, 1947.

b Griffiths & Thompson, J. Ec. Ent.

40:386-388, 1947.

Hart, Sci. Month. 62:422, 1946.

Hart, N. J. Mosq. Exterm. Assoc. P.

34:57-59, 1947.

Hixson & Stiles, Okla. Ext. C. 418.4-5, 1945.

Hough, Md. St. Hort. Soc. P. 48:12-15, 1946.

Jacob et al., Cal. Ext. C. 116 rev. 69, 1947.

Lange, Cal. C. 365.39-40,48-51, 1946.

Lange et al., in Cal. Agr. Expt. Sta.,

Invest. with DDT in Cal. 1944.18-22, 1945.

Lindgren, Cal. Dept. Agr. B. 35 101-

102, 1946.

Lindquist & McDuffie, J. Ec. Ent. 38

545-548, 1945.

McGowan & Gray, Cal. Mosq. Control

Assoc. P. 15 135-144, 1947.

Michelbacher & Smith, Cal. C. 365:95-96, 1946.

1 Morgan et al., U. S. Nav. Med. Bul. 47:529-536, 1947.

Olson, Nature Mag. 39.36,50, 1946.

Orr & Wygant, USDA EPQ E-669:2,7-10, 1945.

Parentia et al., J. Ec. Ent. 39.329-330,334, 1946.

b Plummer & Shaw, J. Ec. Ent. 40:500,503-504, 1947.

Prather, Better Homes & Gard. 25(9): 111, 1947.

Pratt, U. S. Pub. Health Rpts. Sup. 200:8, 1947.

Rogers, Oreg. St. For. Bien. R. f. 1944/46:49-53.

Ruprecht, Fla. St. Hort. Soc. P. 60:163, 1947.

Smith & Lange, Cal. C. 365:52-54, 1946.

Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944.23, 1945.

Stafford & Hinkley, Cal. C. 365:91-93, 1946.

Stearns, Fla. R. f. 1946/47:168-169.

1 Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34:82-95, 1947.

Steiner, Amer. Assoc. Ec. Ent. N.

Cent. Sts. Branch P. 2:47-48, 1947.

Steinweden, Cal. Dept. Agr. B. 35:208, 1947.

SPRAY MATERIALS - DDT & OIL--Continued.

- i Stocking & Medley, U. S. Army Med. Dept. Bul. 7:650-654, 1947.
Swanson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:13-17, 1946.
Tenhet, J. Ec. Ent. 38:450-451, 1945.
Thompson & Redd, Fla. R. f. 1944/45: 177-178.
Thone, Sci. News Let. 51:395, 1947.
Vannote, Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:23-24, 1946.
Vorhies & Wehrle, Ariz. Mimeo. R. 75,13 p., 1945.
Wernham, Wis.-Upper Mich. For. News Let. 3(2):13, 1946.
Williamson et al., N. J. Mosq. Exterm. Assoc. P. 33:25-29, 1946.
Wolfenbarger, Fla. R. f. 1946/47:249-250.
Wolfenbarger & Westgate, Fla. St. Hort. Soc. P. 59:123-124, 1946.
Yuill, South. Lumberm. 174(2187):46, 48, 1947.
Yust, J. Ec. Ent. 39:659, 1946.
U. S. Army Med. Dept. Bul. 6:30, 1946
- SPRAY MATERIALS - DDT & OIL - RESIDUAL EFFECTS**
Gray, Cal. Mosq. Control Assoc. P. 14:61-63, 1946.
Jones et al., J. Ec. Ent. 39:771,774, 1946.
- SPRAY MATERIALS - DDT & OIL - TESTS, FIELD**
Deonier et al., J. Ec. Ent. 38:245: 249, 1945.
Wisecup & Deonier, J. Ec. Ent. 38: 250-252, 1945.
- SPRAY MATERIALS - DDT & OIL - TOXICITY TO FISH**
Cottam, Cal. Mosq. Control Assoc. P. 14:28-35, 1946.
- SPRAY MATERIALS - DDT & OIL - TOXICITY TO WILDLIFE**
Cottam, Cal. Mosq. Control Assoc. P. 14:28-35, 1946.
Hotchkiss & Pough, J. Wildlife Mangt. 10:202-207, 1946.
- SPRAY MATERIALS - DDT & OIL & FERMATE**
Slate, Conn. R. f. 1944/45:20.
- SPRAY MATERIALS - DDT & OIL & GLYCERYL OLEATE**
Osburn, J. Ec. Ent. 38:168, 1945.
- SPRAY MATERIALS - DDT & OIL & VELSICOL SOLVENT**
Hoffman & Forbes, Chem. & Engin. News 25:2499-2500, 1947.
- SPRAY MATERIALS - DDT & OIL (DIESEL)**
Dorsey, J. Ec. Ent. 40:809-813, 1947.
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:65-66, 1947.
- SPRAY MATERIALS - DDT & OIL (DIESEL) & XYLENE**
Kendeigh, Ont. Dept. Lands & For. Div. Res. Biol. B. 1:14,96, 1947.
- SPRAY MATERIALS - DDT & OIL (FUEL)**
Becker, Mass. B. 441:40, 1947.
b Ferguson, U. S. Pub. Health Rpts. 62:296-302, 1947.

SPRAY MATERIALS - DDT & OIL (FUEL) --Continued.

- Heath, Can. J. Pub. Health 38:405-407, 1947.
Mulhern, N. J. Mosq. Exterm. Assoc. P. 33:99, 1946.
Peters, N. J. Mosq. Exterm. Assoc. P. 34:113, 1947.
Williamson, N. J. Mosq. Exterm. Assoc. P. 34:79-81, 1947.
- SPRAY MATERIALS - DDT & OIL (MISCIBLE)**
Lininger et al., Pa. B. 475:29, 1945.
- SPRAY MATERIALS - DDT & OIL (SUMMER)**
Armstrong, Ky. Fruit Notes 3(1).1, 1946.
Chandler, Ill. St. Hort. Soc. Trans. 80.131.270-271, 1947.
- SPRAY MATERIALS - DDT & OIL (SUMMER) & VATSOL**
Curry, N. Mex. R. 56:47, 1946?
- SPRAY MATERIALS - DDT & OIL EMULSIONS**
Clarke, N. J. Mosq. Exterm. Assoc. P. 34:128, 1947.
Curry, N. Mex. R. 56:46-47, 1946?
Deay, Ind. R. 60:72, 1947.
Gardiner, Can. Min. Agr. R. f. 1946/47:84.
i Hart & Hansens, N. J. Mosq. Exterm. Assoc. P. 34:146-148, 1947.
Hough & Hill, Va. R. f. 1946/47:29.
Jones & Mote, Oreg. C. Inform. 374. 1,3, 1946; 401:1,3; 405:1,4, 1947.
Lange, Cal. C. 365:39-41,43, 1946.
McDaniel, Mich. Quart. B. 29.329-330, 1947.
Osburn, J. Ec. Ent. 38:167-168, 1945.
Stafford, in Cal. Agr. Expt. Sta. Invest. with DDT in Cal. 1944:23, 1945.
- SPRAY MATERIALS - DDT & OIL MIXTURES (SH20)**
Borden, in Cal. Agr. Expt. Sta. Invest. with DDT in Cal. 1944:17-18, 1945.
- SPRAY MATERIALS - DDT & OIL MIXTURES (SH20) & SODIUM OLEYL SULFATE**
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944. 12, 1944.
- SPRAY MATERIALS - DDT & OIL SOLUTIONS**
Sebora et al., Mosq. News 6:169-177, 1946.
USDA EPQ E-714:7-8, 1947.
- SPRAY MATERIALS - DDT & POLYETHYLENE POLYSULFIDE**
Moznette, Southeast. Pecan Grow. Assoc. P. 40:50,52, 1947.
Moznette, USDA EPQ E-723:2-3, 1947.
- SPRAY MATERIALS - DDT & PYRETHRINS & OIL**
Vannote, Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:23-24, 1946.
- SPRAY MATERIALS - DDT & PYRETHRINS & PIPERONYL BUTOXIDE**
McAlister et al., J. Ec. Ent. 40:907-909, 1947.

**SPRAY MATERIALS - DDT & PYRETH-
RUM**

Crowley, Cranberries 10(9):21, 1946.
Hansens, N. J. Mosq. Exterm. Assoc.
P. 32:57-61, 1945.

**SPRAY MATERIALS - DDT & PYRETH-
RUM & OIL**

Reeves et al., N. J. Mosq. Exterm.
Assoc. P. 33:105, 1946.

**SPRAY MATERIALS - DDT & PYRETH-
RUM & ROTENONE**

Graham & Cory, Cumberland-Shenan-
doah Fruit Workers' Conf. P. 23.
[19], 1946.

Graham & Cory, J. Ec. Ent. 39:816,
1946.

**SPRAY MATERIALS - DDT & PYRETH-
RUM MIXTURES**

Hemmings, U. S. Nav. Med. Bul. 46:
1300, 1946.

**SPRAY MATERIALS - DDT & PYRO-
PHYLLITE**

Annand, USDA EPQ R. f. 1943/44.2.
Langford & Cory, J. Ec. Ent. 38:202-
204, 1945.

Osburn, J. Ec. Ent. 38:167-168, 1945.
Steiner et al., Va. Fruit 33(3):6,10-12,
1945.

**SPRAY MATERIALS - DDT & PYRO-
PHYLLITE & GLUE**

Annand, USDA EPQ R. f. 1944/45 12.

**SPRAY MATERIALS - DDT & ROSIN
RESIDUE EMULSION**

Langford & Cory, J. Ec. Ent. 38 202-
204, 1945.

SPRAY MATERIALS - DDT & ROTENONE

Bressman, Science 102(2642):10, 1945.
Squibb, Coastal Cattle. 11(8):23-24,
1945.

Squibb, Sci. News Let. 49:115-116,
1946.

i Squibb, USDA OFAR Agr. in the
Amer. 6:12-14, 1946.

Swanson, Fla. R. f. 1946/47:60-61.

**SPRAY MATERIALS - DDT & ROTE-
NONE & CRESYLIC ACID**

Lange et al., in Cal. Agr. Expt. Sta.,
Invest. with DDT in Cal. 1944:19-22,
1945.

**SPRAY MATERIALS - DDT & ROTE-
NONE & PYRETHRINS**

Graham & Cory, Md. Agr. Soc. R. 31:
115, 1947.

Graham & Cory, Md. St. Hort. Soc. P.
49:26, 1947.

**SPRAY MATERIALS - DDT & ROTENONE
MIXTURES**

Lange et al., in Cal. Agr. Expt. Sta.,
Invest. with DDT in Cal. 1944:19-22,
1945.

Squibb, J. Anim. Sci. 4:294-296, 1945;
5:71-79, 1946.

**SPRAY MATERIALS - DDT & ROTENONE
MIXTURES (D-X)**

Cutright & Sutton, Ohio St. Hort. Soc.
P. 100:61,65, 1947.

**SPRAY MATERIALS - DDT & SEA WA-
TER**

Annand, USDA EPQ R. f. 1945/46:39,
1947.

**SPRAY MATERIALS - DDT & SODIUM
LAURYL SULFATE**

Langford & Cory, J. Ec. Ent. 38:202-
204, 1945.

**SPRAY MATERIALS - DDT & SOY-
BEAN PRODUCTS**

Plank, P. R. (Mayagüez) R. f. 1945:
40, 1946.

SPRAY MATERIALS - DDT & STEAM

i Formeister, Food Indus. 18:505,
1946.

**SPRAY MATERIALS - DDT & SUGAR
(BROWN)**

Gray & Schuh, Oreg. Seed Grow.
League P. Ann. Mtg. 4:47, 1945.

SPRAY MATERIALS - DDT & SULFUR

Holdaway & Nishida, Hawaii R. f.
1944/46:69, 1947.

Stafford & Hinkley, Cal. C. 365:91-93,
1946.

**SPRAY MATERIALS - DDT & SULFUR &
FERBAM**

Martin, N. J. R. 67:54-55, 1947?

**SPRAY MATERIALS - DDT & SULFUR
(WETTABLE)**

Armstrong & Ritcher, Ky. Fruit Notes
3(1) 4, 1946.

Woodside, Va. Fruit 34(3):16, 1946.

**SPRAY MATERIALS - DDT & SULFUR
MIXTURES**

Pirone, N. Y. Bot. Gard. J. 48 179-
180, 1947.

**SPRAY MATERIALS - DDT & TALC
(CARBOLA)**

Wilson & Slesman, Ohio Veg. & Po-
tato Grow. Assoc. P. 31:201,207,
1946.

**SPRAY MATERIALS - DDT & TARTAR
EMETIC & KARO SIRUP**

Mason, Amer. Peony Soc. B. 107:13-
14, 1947.

**SPRAY MATERIALS - DDT & U. S.
RUBBER 72-E**

Slate, Conn. R. f. 1944/45.20.

**SPRAY MATERIALS - DDT & VELSICOL
AR-50**

Michelbacher & Smith, Cal. C. 365.
94-96, 1946.

**SPRAY MATERIALS - DDT & XAN-
THONE**

Annand, USDA EPQ R. f. 1946/47.10.
Slate, Conn. R. f. 1945/46.10.

SPRAY MATERIALS - DDT & XYLENE

Bradley, N. J. Mosq. Exterm. Assoc.
P. 33:43-47, 1946.

i Henderson, N. J. Mosq. Exterm.

Assoc. P. 33:36-42, 1946.

Mathieson, Hydro News 33(1):24-26,
1946.

**SPRAY MATERIALS - DDT & XYLENE -
TOXICITY TO INSECTS - BEES**

McGregor & Vorhies, Ariz. B. 207:
10-12,18, 1947.

**SPRAY MATERIALS - DDT & XYLENE &
TRITON**

Bradley, Cal. Mosq. Control Assoc.
P. 14:14, 1946.

b Bradley & Fritz, Natl. Malar. Soc.
J. 5:141-145, 1946.

Dorsey, J. Ec. Ent. 40:809-813, 1947.

- SPRAY MATERIALS - DDT & XYLENE & TRITON B-1956**
Cory & Slotter, Amer. Orchid Soc. B. 15:121-122, 1946.
- SPRAY MATERIALS - DDT & XYLENE & TRITON X-100**
Baker & Schwartz, U. S. Pub. Health Rpts. 62:800-807, 1947.
Gahan & Payne, Amer. J. Hyg. 45:125-132, 1947.
Harding, Natl. Shade Tree Conf. P. 23: 194-198, 1947.
Hess & Keener, Amer. J. Hyg. 45:133-143, 1947.
b Morrill & Otnes, J. Ec. Ent. 40: 599, 1947.
Rex, Shade Tree 20(2):2, 1947.
Wisecup & Shillinger, Fla. Ent. 28:27-29, 1945.
- SPRAY MATERIALS - DDT & XYLENE EMULSION**
Farber, U. S. Navy BUMED News Let. 7(5):25-26, 1946.
Jones & Fluno, J. Ec. Ent. 39:735-740, 1946.
Schoof & Ashton, N. C. St. Bd. Health, Health B. 60(10):14-16, 1945.
Wisecup & Deonier, J. Ec. Ent. 38: 250-252, 1945.
- SPRAY MATERIALS - DDT & ZINC & NABAM**
Slate, Conn. R. f. 1945/46:8.
- SPRAY MATERIALS - DDT & ZIRAM**
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 31:186-192, 1946.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31:194-197, 205-206, 1946.
- SPRAY MATERIALS - DDT (DEENATE)**
Brown, Amer. Dahlia Soc. B. ser. 19 (1):9-10, 1946.
Brown & Alban, Ohio Veg. & Potato Grow. Assoc. P. 32:59-67, 1947.
Campbell, R. I. R. 59:25, 1947.
Kelsheimer, Fla. St. Hort. Soc. P. 59: 117-120, 1946.
Munro et al., N. Dak. Bimo. B. 9:125-128, 1947.
Post et al., N. Dak. Bimo. B. 10:61-62, 64-65, 1947.
- SPRAY MATERIALS - DDT (DEENOL)**
Kelsheimer, Fla. St. Hort. Soc. P. 59: 117-120, 1946.
- SPRAY MATERIALS - DDT (GESAROL)**
Becker, Mass. B. 436:42-43, 1946.
Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:17, 1945.
Bourne, Mass. B. 428:38, 1945.
Conklin & O'Kane, N. H. B. 363:42, 1945: 367:33, 1946.
Cox, J. Ec. Ent. 38:278-279, 1945.
Harman, J. Ec. Ent. 38:280-281, 1945.
Hetrick, Va. B. 409:15-16, 21, 1947.
Manter, J. Ec. Ent. 38:615, 1945.
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 12, 1945.
Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:68-75, 1945.
Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:23, 1945.
- SPRAY MATERIALS - DDT (GESAROL) & OIL**
Harman, J. Ec. Ent. 38:280-281, 1945.
- SPRAY MATERIALS - DDT (GESAROL) & OIL (SUMMER)**
Fenton & Brett, Okla. Acad. Sci. P. 27:34-36, 1947.
- SPRAY MATERIALS - DDT(GESAROL) & SOAP**
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 12-13, 1945.
- SPRAY MATERIALS - DDT (GESAROL) & SODIUM OLEYL SULFATE**
Borden & Jeppson, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 18, 1945.
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 13, 1945.
- SPRAY MATERIALS - DDT (SH20), see SPRAY MATERIALS - DDT & OIL MLXTURES (SH20)**
- SPRAY MATERIALS - DDT (SYNDEET)**
Campbell, R. I. R. 58:34, 1946.
Cutright & Sutton, Ohio St. Hort. Soc. P. 100:61, 65, 1947.
Garman & Townsend, Conn. B. 512: 77, 1946.
Kelsheimer, Fla. St. Hort. Soc. P. 60: 123, 1947.
- SPRAY MATERIALS - DDT (VAPONA)**
Jones et al., J. Ec. Ent. 39:772-774, 1946.
- SPRAY MATERIALS - DDT (VAPONA) - EFFECT ON MITE POPULATIONS**
Jones et al., J. Ec. Ent. 39:773-774, 1946.
- SPRAY MATERIALS - DDT (VAPONA) - TOXICITY TO INSECTS**
Jones et al., J. Ec. Ent. 39:772-774, 1946.
- SPRAY MATERIALS - DDT (WATER SUSPENSION)**
Kelly, Sheep & Goat Raiser 27(9):10, 1947.
Swanson, U. S. Livestock Sanit. Assoc. P. 50:94-95, 1947.
- SPRAY MATERIALS - DDT (WETTABLE)**
Anthon, Wash. St. Hort. Assoc. P. 43: 194-195, 1947.
Becker, Mass. B. 441:40-42, 1947.
Blackburn & Peterson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:76-77, 1946.
Borden & Madsen, Sunsweet Std. 31(7): 9, 1947.
Brannon et al., Wash. St. Hort. Assoc. P. 43:10, 1947.
Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77-78, 1946.
Crowley et al., Wash. Ext. C. 73 rev.: 1, 3, 1947.
Daniels, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:53-54, 1947.
Deay, Ind. R. 60:72, 1947.
Driggers, N. J. St. Hort. Soc. Hort. News 28:1925, 1947.
bi Dustan & Putman, Can. Ent. 79:216-221, 1947.
Fluke, Wis. Hort. 38:263, 1947.

SPRAY MATERIALS - DDT (WETTABLE)
--Continued.

- French, Va. Dept. Agr. & Immigr. B. 456:11, 1947.
Gentry, Vet. Med. 42:184-186, 1947.
Hetrick, Va. B. 409:16-17, 21, 1947.
Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1947:24-27.
Jones & Mote, Oreg. C. Inform. 401:1, 3, 1947.
Jones et al., Oreg. C. Inform. 405:1, 4, 1947.
Kelly, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:51-53, 1946.
Kemp, Md. R. 60:15, 1947.
Kohl, Mo. Bot. Gard. B. 35:67, 71, 1947.
McDaniel, Mich. Quart. B. 29:329-330, 1947.
Moznette, Southeast. Pecan Grow. Assoc. P. 40:49-50, 52-53, 1947.
Musser et al., S. C. Ext. C. 301:22, 36, 1947.
Parr, Agr. Chem. 2(5):38, 1947.
Pierce, Tex. Pecan Grow. Assoc. P. 26:49-50, 1947.
Portman, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:50-51, 1946.
Pound & Chapman, Phytopathology 37 18, 1947. (Abs.)
Schwartz et al., U. S. Livestock Sanit. Assoc. R. 50:97-98, 1947.
Whitcomb, Mass. B. 441:38, 1947.
Wingo, Mo. St. Hort. Soc. Hort. News 7(11):2, 1947.
USDA EPQ E-714:2-3, 1947.
- SPRAY MATERIALS - DDT (WETTABLE - RESIDUAL EFFECTS)**
i Fay et al., J. Ec. Ent. 40:638-640, 1947.
- SPRAY MATERIALS - DDT (WETTABLE) - TOXICITY**
bi Dustan & Putman, Can. Ent. 79:216-221, 1947.
- SPRAY MATERIALS - DDT (WETTABLE) & BENZENE HEXACHLORIDE (WETTABLE)**
Whitcomb, Mass. B. 441:38, 1947.
- SPRAY MATERIALS - DDT (WETTABLE) & DN-111**
Brannon et al., Wash. St. Hort. Assoc. P. 43:8-10, 1947.
- SPRAY MATERIALS - DDT (WETTABLE) & DN-111 & ALUMINUM SULFATE**
Brannon et al., Wash. St. Hort. Assoc. P. 43:8-10, 1947.
- SPRAY MATERIALS - DDT (WETTABLE) & LEAD ARSENATE**
Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77-78, 1946.
Whitcomb, Mass. B. 441:38, 1947.
- SPRAY MATERIALS - DDT (WETTABLE) & NICOTINE (FIXED)**
Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77-78, 1946.
- SPRAY MATERIALS - DDT (WETTABLE) & OIL EMULSION**
Wolfenbarger, Fla. Mango Forum P. 7:17-19, 1947.

SPRAY MATERIALS - DDT (WETTABLE & ROTENONE)
Brannon et al., Wash. St. Hort. Assoc. P. 43:10, 1947.

- SPRAY MATERIALS - DDT CONCENTRATE**
Rex, Shade Tree 20(4):4, 1947.
- SPRAY MATERIALS - DDT EMULSIONS**
Annand, USDA EPQ R. f. 1946/47:7, 10, 14-15, 22, 49.
Becker, Mass. B. 441:40-42, 1947.
Bishopp et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:43-44, 69, 1947.
Bourne, Mass. B. 441:34, 1947.
Bourne & Shaw, J. Ec. Ent. 40:429, 1947.
Cooke, Conn. B. 512:111, 1946.
Cory, J. Ec. Ent. 38:395, 1945.
Cory, Amer. Orchid Soc. B. 13:375-376, 1945; 16:146-147, 1947.
Echols, Amer. Brahman J. 1(6):8-9, 1946.
Gannon, Ga. Ext. B. 524 rev.:30, 32, 1947.
b Geer, Natl. Res. Council Ins. Control Com. R. 185, 29 p., 1946.
b Hixson & Muma, J. Ec. Ent. 40:451, 1947.
Hixson & Muma, Neb. R. 60:55-56, 1947.
Jones & Fluno, J. Ec. Ent. 39:735-740, 1946.
Kemper & Roberts, Amer. Vet. Med. Assoc. J. 108:252-254, 1946.
Morrison, Quebec Soc. Protect. Plants R. 30:49, 1947.
i Radeleff, Vet. Med. 42:372-373, 1947.
b Romney et al., USDA EPQ E-672, 16 p., 1945.
Russell, Fla. R. f. 1946/47:142.
Tate & Muma, Neb. R. 59:63, 1946.
Wallace, Conn. B. 501:85-87, 89, 1946.
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:65-67, 1947.
Wolfenbarger, Fla. Ent. 28:82-83, 1946.
USDA EPQ E-714:3-7, 1947.
- SPRAY MATERIALS - DDT EMULSIONS & FUNGICIDES**
Bonde & Snyder, Maine B. 449:275-276, 356, 1947.
- SPRAY MATERIALS - DDT EMULSIONS & LETHANE 60**
Wolfenbarger, Fla. Ent. 28:82-83, 1946.
- SPRAY MATERIALS - DDT EMULSIONS & LIME**
Tanada et al., Hawaii R. f. 1944/46:72-74, 1947.
- SPRAY MATERIALS - DDT EMULSIONS (DEENATE 25-R)**
Munro et al., N. Dak. Bimo. B. 9:125, 127-128, 1947.
- SPRAY MATERIALS - DDT EMULSIONS (EDWARDS H-4)**
Edwards Chem. Corp., H-4 Emulsion Concentrate, 8 p., 1947.

SPRAY MATERIALS - DDT EMULSIONS (GNB-A)

Lange & Thwaites, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944-15-17, 1945.

SPRAY MATERIALS - DDT EMULSIONS (GESAROL)

Becker, Mass. B. 436:42-43, 1946.
Munro et al., N. Dak. Bimo. B. 9.123-124, 127-128, 1947.

SPRAY MATERIALS - DDT ISOMERS - RESIDUAL EFFECTS

i Fay et al., J. Ec. Ent. 40:639-640, 1947.

SPRAY MATERIALS - DDT MIXTURES

Armstrong, Ky. Fruit Notes 3(1).1, 1946.
Berkeley et al., Amer. Potato J. 23: 285-290, 1946.
Borden, Cal. C. 365:72-74, 1946.
Brann, N. Y. St. Hort. Soc. P. 91.193, 1946.
Calkins, Kans. Ent. Soc. J. 19:68-69, 1946.
i Chandler, Ill. St. Acad. Sci. Trans. 39:132-134, 1946.
Chandler, Ill. St. Hort. Soc. Trans. 79: 274-290, 1946; 80:180-189, 1947.
Cooper, Ky. R. 58:47, 1946; 59:48, 1947.
Creighton & Dennis, J. Ec. Ent. 40. 911-912, 1947.
Cutright & Sutton, J. Ec. Ent. 40:557-560, 1947.
Cutright & Vogel, Ohio St. Hort. Soc. P. 79:95-105, 1946.
Ditman, J. Ec. Ent. 39:219-222, 1946.
Dowden, USDA EPQ E-726, 13 p., 1947.
Driggers, N. J. Agr. 29(4):4, 1947.
Dutton, Ohio St. Hort. Soc. P. 79:138-140, 1946.
Farrar, Ill. St. Hort. Soc. Trans. 78: 139-142, 1945.
Gardiner, Can. Min. Agr. R. f. 1946/47:84-85.
Gardner, Ohio St. Hort. Soc. P. 79. 142-143, 1946.
Garman, Conn. B. 501:81, 512:87-88, 1946.
Garman, Conn. Pom. Soc. P. 55:20-22, 24-25, 1946; 56:22-30, 1947.
Garman & Townsend, Conn. B. 512: 76-78, 1946.
Gould et al., Cumberland-Shenandoah Fruit Workers' Conf. P. 22:[13-17], 1945.
Graham, Md. Agr. Soc. R. 30:108-110, 1946; 31:116-122, 1947.
Graham & Cory, Cumberland-Shenandoah Fruit Workers' Conf. P. 23: [18], 1946.
Graham & Cory, J. Ec. Ent. 40:752-754, 1947.
Graham & Cory, Md. St. Hort. Soc. P. 49:28-32, 1947.
Harman, J. Ec. Ent. 39:208-210, 1946.
Henderson, West. Colo. Hort. Soc. Trans. f. 1946:31-35, 1947.
Hinrichs & Bleberdorf, Okla. Pecan Grow. Assoc. P. f. 1947:25, 27.
Hough, Amer. Pom. Soc. P. 60:178-185, 1945?

SPRAY MATERIALS - DDT MIXTURES --Continued.

Hough, Amer. Fruit Grow. 66(2):17, 35-36, 1946.
Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[15-16], 1946.
Hough, Md. Agr. Soc. R. 30:104-108, 1946.
Hough, Mountaineer Grow. 14(156) 17, 19-21, 24, 1945; 16(160):11, 1946.
Hough, Peninsula Hort. Soc. Trans. 59 19-22, 1946.
Hough, Va. Fruit 34:128-134, 1946.
Isely et al., USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946 24, 1946.
Jenkins, Iowa St. Hort. Soc. Trans. 80:136-138, 1945.
b Knipling, Natl. Malär. Soc. J. 5 113-120, 1946.
Mantle, Ohio St. Hort. Soc. P. 79 136-137, 1946.
Marshall, Wash. St. Hort. Assoc. P. 42:66, 68-70, 1946.
Marshall & Miles, Wash. St. Hort. Assoc. P. 43:109-111, 1947.
Marshall et al., Ind. Hort. Soc. Trans. 85:50-51, 1946.
Matthysse, J. Ec. Ent. 38.444-446, 1945.
Meserve, Natl. Shade Tree Conf. P. 23:156-163, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711 8-14, 30, 38, 41, 48-49, 52, 75, 1947.
Newton, West. Colo. Hort. Soc. Trans. f. 1945:14-17, 1946.
Nickels, Tex. Pecan Grow. Assoc. P. 25.21-22, 1946.
O'Neill, Oreg. St. Hort. Soc. R. 39 63-64, 1947.
Phillips, Fla. R. f. 1944/45:63.
Pickett, N. S. Fruit Grow. Assoc. R. 84:77, 1947.
Poos, J. Ec. Ent. 38:447-448, 1945.
Potts et al., Natl. Shade Tree Conf. P. 23:185-187, 1947.
Randolph, J. Ec. Ent. 39.419, 1946.
Rice, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[22-25], 1945.
Rice & Stearns, Peninsula Hort. Soc. Trans. 59:26-31, 1946.
Rosenstiel, J. Ec. Ent. 40:925-926, 1947.
Simpson et al., Maine Ext. C. 221.8, 1946.
Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:24, 1945
i Stage, Mosq. News 6:12-13, 1946.
Stearns, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[14, 21], 1946.
Stearns & Parker, Peninsula Hort. Soc. Trans. 60:79-81, 1947.
Steiner, Va. Fruit 34:135-136, 143-153, 1946.
Steiner et al., Va. Fruit 33(3):6, 12, 1945.
Thurston, Pa. B. 475, Sup. 1:4, 1946.
480, Sup. 3:8-9, 1947.
Tussing, Ohio Veg. & Potato Grow. Assoc. P. 31:208-212, 1946.

SPRAY MATERIALS - DDT MIXTURES

--Continued.

- Walker, Wash. St. Hort. Assoc. P. 42 71-79,81-82, 1946.
- Wallace, Conn. B. 501:91, 1946.
- Wester & St. George, J. Ec. Ent. 40. 548,550-553, 1947.
- Whitehead & Bewick, Okla. Acad. Sci. P. 27:42-45, 1947.
- Wyman, Arnoldia 7:18-23, 1947.
- W. Va. Agr. Expt. Sta. & USDA EPQ, Cumberland-Shenandoah Fruit Workers' Conf. P. 23 [6-13], 1946.

SPRAY MATERIALS - DDT MIXTURES - EFFECT ON MITE POPULATIONS

Newcomer & Dean, J. Ec. Ent. 39: 783-786, 1946.

- W. Va. Agr. Expt. Sta. & USDA EPQ, Cumberland-Shenandoah Fruit Workers' Conf. P. 23 [8-13], 1946.

SPRAY MATERIALS - DDT MIXTURES - EFFECT ON YIELD

Wylie & Wilson, Fla. R. f. 1946/47 183.

SPRAY MATERIALS - DDT MIXTURES - TOXICITY TO WILDLIFE

b Kendeigh, Ont. Dept. Lands & For. Div. Res. Biol. B. 1:16-20,96,99, 1947.

SPRAY MATERIALS - DDT MIXTURES (GESAROL)

Graham, Md. St. Hort. Soc. P. 47:15-19, 1945.

SPRAY MATERIALS - DDT RESIDUAL OIL

b Blakeslee, J. Ec. Ent. 38:548-549, 1945.

SPRAY MATERIALS - DDT SUSPENSIONS

Morrison, Quebec Soc. Protect. Plants R. 30:49, 1947.

SPRAY MATERIALS - DMC, see SPRAY MATERIALS - 1,1-BIS(p-CHLOROPHENYL)ETHANOL

SPRAY MATERIALS - DN-111

b Bailey & Bourne, J. Ec. Ent. 39:89, 1946.

Borden, Oreg. St. Hort. Soc. K. 37:23, 1945.

Bourne & Whitcomb, Mass. B. 428:33-34, 1945; 436:34, 1946.

Chandler, Ill. St. Hort. Soc. Trans. 80:183, 1947.

Childs, Oreg. St. Hort. Soc. P. 39:67, 1947.

Childs et al., Oreg. Ext. B. 663:7-8, 1946.

Dewey, N. Y. St. Hort. Soc. P. 92:53, 1947.

Garman & Townsend, Conn. B. 512: 76,78, 1946.

Hedges, Tenn. St. Hort. Soc. P. 42:16, 1947.

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[16], 1946.

Hough, Mountaineer Grow. 17(163):7-8, 1947.

Hough, Va. Fruit 35(1):82-83, 1947.

Hough & Underhill, Va. R. f. 1946/47: 30.

Jenkins, Iowa St. Hort. Soc. Trans. 80:137, 1945.

SPRAY MATERIALS - DN-111--Continued.

Lathrop et al., Maine Ext. B. 353:6, 11, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 711: 12,32,72,84-85, 1947.

Peterson, Peninsula Hort. Soc. Trans. 60:82-83, 1947.

Plummer, East. Fruit Grow. 9(6) 6, 10, 1946.

Romney et al., USDA EPQ E-672:6-8, 1945.

Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 61.2, 1947.

Sherwood, W. Va. Ext. C. 320 rev.. 55, 1946.

Stanley, Tenn. Hort. 25(1):4, 1947.

Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:48, 1947.

Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51 22,108, 1945.

Wilton et al., Mich. Ext. B. 269:25, 270:32, 271:48, 1945.

Wolfenbarger, Fla. R. f. 1946/47 249. Va. Ext. B. 131 rev.14, 1947.

SPRAY MATERIALS - DN-111, see also

SPRAY MATERIALS - DDT & DN-

111, SPRAY MATERIALS - DDT

(WETTABLE) & DN-111, SPRAY

MATERIALS - LEAD ARSENATE &

DN-111

SPRAY MATERIALS - DN-111 & CRYO-LITE & LIME

Gardner, Can. Min. Agr. R. f. 1945/46.69.

SPRAY MATERIALS - DN-111 MIX-TURES

Garman, Conn. B. 512:87-88, 1946.

Graham & Cory, Md. St. Hort. Soc. P. 49:29,31-32, 1947.

SPRAY MATERIALS - DN-211

Jeppson, Cal. Agr. 1(8):3, 1947.

Jeppson, Cal. Citrog. 32:331, 1947.

SPRAY MATERIALS - DN COMPOUNDS, see SPRAY MATERIALS - DINI-TRO COMPOUNDS

SPRAY MATERIALS - DNOCHP, see

SPRAY MATERIALS - DINITRO-

O-CYCLOHEXYLPHENOL

SPRAY MATERIALS - DEENATE, see

SPRAY MATERIALS - DDT (DEE-

NATE)

SPRAY MATERIALS - DEENATE 25-R, see SPRAY MATERIALS - DDT

EMULSIONS (DEENATE 25-R)

SPRAY MATERIALS - DEENOL, see

SPRAY MATERIALS - DDT (DEE-

NOL

SPRAY MATERIALS - DERRIS

Baker & Perron, Ent. Soc. Ont. R. 75: 30-33, 1945.

Bourne, Mass. B. 441:35-36, 1947.

Bronson & Smith, J. Ec. Ent. 39:190-193, 1946.

McGovran & Piquett, USDA EPQ E-682:2,6, 1946.

SPRAY MATERIALS - DERRIS, see also

SPRAY MATERIALS - NICOTINE

SULFATE & DERRIS; SPRAY MA-

TERIALS - ROTENONE & DERRIS

RESINATES; SPRAY MATERIALS -

SULFUR (WETTABLE) & DERRIS

- SPRAY MATERIALS - DERRIS - SOLVENTS - EFFECT ON TOXICITY**
Lindgren et al., J. Ec. Ent. 38:569-572, 1945.
- SPRAY MATERIALS - DERRIS & CAS-TOR OIL (SULFONATED)**
Weiss & St. George, USDA FB 1855 rev.:17, 1947.
- SPRAY MATERIALS - DERRIS & OIL**
Annand, USDA EPQ R. f. 1944/45:19, f. 1946/47 12.
Bolívar Pieltain, Ciencia 8:83-84, 1947.
- b Plummer & Shaw, J. Ec. Ent. 40**
500-504, 1947.
- Smith, Cal. Ext. C. 98 rev.48, 1946.**
Stafford, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:24, 1945.
- SPRAY MATERIALS - DERRIS & PY-RETHRUM**
Orr & Wygant, USDA EPQ E-669.2-3, 6,8, 1945.
- SPRAY MATERIALS - DERRIS & SULFUR (WETTABLE)**
Albaugh, West. Dairy J. 3(27):76, 1947.
Wermelskirchen, in Davis et al., Livestock Enterprises rev.:137, 1946.
- SPRAY MATERIALS - DI(4-CHLORO-PHENOXY)METHANE, see SPRAY MATERIALS - BIS(p-CHLORO-PHENOXY)METHANE**
- SPRAY MATERIALS - DI-2-ETHYL-HEXYL-PHTHALATE - RESIDUAL EFFECTS**
Fay et al., J. Ec. Ent. 40:635,637,640, 1947.
- SPRAY MATERIALS - DI-2-ETHYL-HEXYL-PHTHALATE (AMER. CYAN. 899)**
Jeppson, Cal. Agr. 1(8):3, 1947.
Jeppson, Cal. Citrog. 32:331, 1947.
Jeppson, Cit. Leaves 27(5):14-15, 1947.
- SPRAY MATERIALS - DIANISYL TRICHLOROETHANE, see SPRAY MATERIALS - METHOXYCHLOR**
- SPRAY MATERIALS - DIBUTYL PHTHALATE**
Smith & Gouck, J. Ec. Ent. 40:790-792,794, 1947.
- SPRAY MATERIALS - 1,1-DICHLORO-2,2-BIS(p-CHLOROPHENYL)ETHANE, see SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE**
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE**
Cox, J. Ec. Ent. 40:195-198,561, 1947.
Holdaway et al., Hawaii R. f. 1944/46: 63, 1947.
Lininger et al., Pa. B. 480:41, 1946; 488:29, 1947.
Munro et al., N. Dak. Bimo. B. 9:125, 127-128, 1947.
Ruprecht, Fla. St. Hort. Soc. P. 60: 163, 1947.
Russell, Fla. R. f. 1945/46:124-125.
Slate, Conn. R. f. 1945/46:8-9.
Stafford & Hinkley, Cal. C. 365:91-93, 1946.
Sweetman, J. Ec. Ent. 40:454-555, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE -- Continued.**
Sweetman, Mass. Ext. Sp. C. 139:3-4, 1947.
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:202,204, 207, 1946.
Woodruff & Turner, Conn. B. 512:60-61,66, 1946.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE - EFFECT ON SCALE POPULATIONS**
b Middlekauff et al., J. Ec. Ent. 40: 442-444, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE - HAZARDS & SAFEGUARDS**
Sweetman, Mass. Ext. Sp. C. 139:4, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE - RESIDUAL EFFECTS**
Fay et al., J. Ec. Ent. 40:635-638, 640, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE & BORDEAUX MIXTURE**
Slesman, Veg. Grow. Assoc. Amer. Inc. R. 39:118,119, 1947.
Slesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 32:126,128, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE & DITHANES**
Wilson & Slesman, Ohio Veg. & Potato Grow. Assoc. P. 31:202,204, 207, 1946.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE & FUNGICIDES**
Bonde & Snyder, Maine B. 449:267-268,348-349, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE & OIL**
Kelsheimer, Fla. B. 434:7,12,16-17, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE EMULSION**
Becker, Mass. B. 441:40-42, 1947.
Tissot, Fla. R. f. 1946/47:70.
Tissot & Jones, Fla. R. f. 1946/47:70
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE (RHOTHANE)**
Post et al., N. Dak. Bimo. B. 10:61-62,64-65, 1947.
- SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE (RHOTHANE EMULSION)**
Munro et al., N. Dak. Bimo. B. 9:126-128, 1947.
- SPRAY MATERIALS - 3,4-DICHLORO-BENZINESULFONE-p-NITRO-ANALIDE (HE-761)**
Michelbacher et al., Cal. Dept. Agr. C. 365:79-82,87-90, 1946.

SPRAY MATERIALS - DICHLOROETHYL ETHER

Carlson et al., J. Ec. Ent. 40 61-63, 1947.

1 Lange, Spreckels Sugar Beet Bul. 9 24, 1945.

SPRAY MATERIALS - DICHLOROETHYL ETHER EMULSION

Jennings, R. I. Misc. Pub. 26.18, 1945.

SPRAY MATERIALS - DICHLORO-PHENYLETHANE

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23-16], 1946.

Hough & Underhill, Va. R. f. 1946/47 29-30.

SPRAY MATERIALS - DIMETHYL PHTHALATE

Smith & Gouck, J. Ec. Ent. 40 790-792, 1947.

SPRAY MATERIALS - DINITRO & KEROSENE

Lange & Thwaites, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944 15, 1945.

SPRAY MATERIALS - DINITRO & NICOTINE POWDER & KEROSENE

Lange & Thwaites, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944 15-17, 1945.

SPRAY MATERIALS - DINITRO COMPOUNDS

Bourne & Whitcomb, Mass. B. 436 34, 1946. 441-33, 1947.

Chapman, Pa. St. Hort. Assoc. P. 88 74-75, 1947.

Cutright, Ohio Bimo. B. Farm & Home Res. 32 52, 1947.

Cutright & Sutton, J. Ec. Ent. 40 561, 1947.

Cutright & Sutton, Ohio St. Hort. Soc. P. 100.61, 63, 68, 1947.

Garman, Conn. Pom. Soc. R. 56 22, 24-29, 1947.

Hammer & Sherman, Mich. Quart. B. 29-206-207, 1947.

Hartzell, N. Y. (G.) Farm Res. 12(1) 7-8, 1946.

Lathrop, Maine B. 442.276-280, 1946.

Lathrop et al., Maine Ext. B. 353-6, 11, 1947.

Marshall & Miles, Wash. St. Hort. Assoc. P. 43.109, 111-113, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 473 rev. 31, 1945.

Mills & Dewey, N. Y. (C.) Ext. B. 711: 5-6, 16, 25, 27, 49-50, 56, 58-59, 84-85, 87-88, 1947.

O'Neill, Oreg. St. Hort. Soc. R. 39. 63, 1947.

Porter, USDA YB f. 1943/47:662.

Rasmussen et al., Mich. Ext. B. 154 rev.:22-23, 1945; rev.:23, 1946.

Sherwood, W. Va. Ext. C. 320 rev.: 52-55, 1946.

Thies, Mass. Ext. Fruit Notes, Dec. 30, 1946:3.

Williams, Conn. Ext. B. 377:15, 1946.

SPRAY MATERIALS - DINITRO COMPOUNDS, see also SPRAY MATERIALS - DDT & DINITRO COMPOUNDS, SPRAY MATERIALS - DN-111, SPRAY MATERIALS - DINITRO-O-CRESOL, SPRAY MATERIALS - DINITRO-O-CYCLOHEXYL-PHENOL, SPRAY MATERIALS - DOWSPRAY DORMANT, SPRAY MATERIALS - DOWSPRAY 17; SPRAY MATERIALS - SODIUM DINITRO-O-CRESYLATE (ELGETOL)

SPRAY MATERIALS - DINITRO COMPOUNDS - TOXICITY TO INSECTS - BEES

Dyce, N. Y. St. Hort. Soc. P. 92.100-102, 1947.

b Goble & Patton, J. Ec. Ent. 39 177-180, 1946.

SPRAY MATERIALS - DINITRO COMPOUNDS & OIL

Hammer & Sherman, Mich. Quart. B. 29.206-207, 1947.

Hockey et al., N. S. Fruit Grow. Assoc. R. 82 85, 1945.

Hough & Hill, Va. R. f. 1946/47 29.

Howard & Brooks, Cal. Ext. C. 117 rev.:35, 72, 1947.

Pearce & Chapman, N. Y. (G.) Farm Res. 13(2):1, 1947.

Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51 109, 1945.

SPRAY MATERIALS - DINITRO COMPOUNDS & OIL (SUMMER)

Annand, USDA EPQ R. f. 1946/47 10.

SPRAY MATERIALS - DINITRO-O-CRESOL

Annand, USDA EPQ R. f. 1943/44.2.

Bourne & Whitcomb, Mass. B. 436 34, 1946.

Brown & Hurtig, J. Ec. Ent. 40:277, 1947.

b Brown et al., Can. Ent. 79.161-166, 1947.

Dean, N. Y. (G.) R. 65:23, 1947.

Phillips, Fla. R. f. 1946/47.66.

Sherwood, W. Va. Ext. C. 320 rev. 54, 1946.

Witman, Amer. Fruit Grow. 67(8):30, 1947.

SPRAY MATERIALS - DINITRO-O-CRESOL - EFFECT ON BENEFICIAL INSECTS

Lord, Can. Ent. 79:207, 1947.

SPRAY MATERIALS - DINITRO-O-CRESOL & OIL

Chandler, Ill. St. Hort. Soc. Trans. 78:125-126, 1945.

Gardiner, Can. Min. Agr. R. f. 1945/46:70.

Hartzell, N. Y. (G.) Farm Res. 12(1). 7-8, 1946.

SPRAY MATERIALS - DINITRO-O-CRESOL & OIL (DIOL 40) MIXTURES

Brown & Putnam, J. Ec. Ent. 39:676-677, 1946.

SPRAY MATERIALS - DINITRO-O-CRESOL & XYLENE & TRITON X-100

Brown, J. Ec. Ent. 40:606, 1947.

SPRAY MATERIALS - DINITRO-O-CRESOL (DRY MIX)

Hough, Va. Fruit 35(1):83, 1947.

SPRAY MATERIALS - DINITRO-O-CRESOL (NITRO KLEENUP)

Sherwood, W. Va. Ext. C. 320 rev.:54, 1946.

SPRAY MATERIALS - DINITRO-O-CRESOL MIXTURES

b Yothers & Carlson, USDA EPQ E-712,7 p., 1947.

SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL

Brown et al., Can. Ent. 79:161,164, 166, 1947.

Hutson, Mich. St. Hort. Soc. R. 75:122-123, 1946.

Whitcomb et al., Mass. B. 428:39, 1945.

Wolfenbarger, Fla. R. f. 1946/47:249.

SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL & AMMONIA

Ross, Can. Dept. Agr. Div. Ent. Proc-essed Pub. 61:2, 1947.

SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL & OIL

Hutson, Mich. St. Hort. Soc. R. 75:123, 1946.

Steiner, J. Ec. Ent. 38:118-119, 1945.

SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL & SULFUR (WETTABLE)

Thompson, Ctt. Indus. 27(9):16-17,20-21, 1946.

Thompson, Fla. St. Hort. Soc. P. 59 61-65, 1946.

SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL (DRY MIX)

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[16], 1946.

Hough & Underhill, Va. R. f. 1946/47, 30.

Sherwood, W. Va. Ext. C. 320 rev.:54, 1946.

SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL MIXTURES

Thompson, Fla. R. f. 1946/47:155-156.

SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL, DICYCLOHEXYLAMINE SALT OF, see

SPRAY MATERIALS - DN-111

SPRAY MATERIALS - DINITRO-O-SEC-BUTYLPHENOL, DICYCLOHEXYLAMINE SALT, see

SPRAY MATERIALS - DN-211

SPRAY MATERIALS - DINITRO-OIL EMULSION

Hockey et al., N. S. Fruit Grow. Assoc. R. 82:85, 1945; 83:147-148, 1946;

84:160, 1947.

SPRAY MATERIALS - DINITRO POWDER & BLOOD ALBUMIN

Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:12, 1945.

SPRAY MATERIALS - DINITROPHENOL COMPOUNDS - TOXICITY TO INSECTS - BEES

Patton & Dyce, N. Y. (C.) R. 59:124, 1947.

SPRAY MATERIALS - DIOL 40, see

SPRAY MATERIALS - DINITRO-O-CRESOL & OIL (DIOL 40) MIXTURES

SPRAY MATERIALS - DIPHENYL CARBONATE

Smith & Gouck, J. Ec. Ent. 40:791-793,795, 1947.

SPRAY MATERIALS - DIPHENYLAMINE & OIL

Bushland, J. Ec. Ent. 39:345, 1946.

SPRAY MATERIALS - DIPHENYLENE OXIDE & OIL

Bushland, J. Ec. Ent. 39:345-346, 1946.

SPRAY MATERIALS - DISODIUM ETHYLENE BISDITHIOCARBAMATE, see

SPRAY MATERIALS - NABAM

SPRAY MATERIALS - BETA BETA DITHIOCYANO DIETHYL ETHER, see

SPRAY MATERIALS - BIS(2-THIOCYANOETHYL) ETHER

SPRAY MATERIALS - DITHANES

Berkeley et al., Amer. Potato J. 23 285-290, 1946.

Campbell & Filmer, Hints to Potato Grow. 26(10):1-2, 1946.

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[16], 1946.

Hough & Underhill, Va. R. f. 1946/47 30.

Jardine et al., USDA OES R. f. 1944/45:58-59.

Leach & Bishop, W. Va. B. 326:29-30, 1946.

Sleesman & Wilson, Ohio B. 659:115, 1945.

b Wolfenbarger & Heuberger, J. Ec. Ent. 38:675-678, 1945.

SPRAY MATERIALS - DITHANES, see also

SPRAY MATERIALS - DDT & DITHANES; SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE & DITHANES, SPRAY MATERIALS - NABAM

SPRAY MATERIALS - DITHANES & SULFUR

Curry, N. Mex. R. 57:31, 1947?

SPRAY MATERIALS - DITHIOCARBAMATES, see

SPRAY MATERIALS - DITHANES; SPRAY MATERIALS - FERBAM; SPRAY MATERIALS - NABAM

SPRAY MATERIALS - DOSAGES

Garman, Conn. B. 512:70-75,85-86, 1946.

Pratt et al., N. Y. (C.) Ext. B. 696. 36, 1946.

Sherwood, W. Va. Ext. C. 320 rev.:5, 1946.

Williams, Conn. Ext. B. 377:23-24, 1946.

Ohio Ext. B. 128, ed. 10:39-40; Ohio B. 655 rev.:39-40, 1945.

**SPRAY MATERIALS - DOSAGES & MOR-
TALITY**

Parker & Beacher, Del. B. 264.11,
1947.

**SPRAY MATERIALS - DOW K-1875, see
SPRAY MATERIALS - BIS(p-
CHLOROPHENOXY)METHANE
(DOW K-1875)**

**SPRAY MATERIALS - DOWSPRAY DOR-
MANT**

Sherwood, W. Va. Ext. C. 320 rev.:
53-54, 1946.

SPRAY MATERIALS - DOWSPRAY 17
Neiswander, Down to Earth 2(3):15,
1946.

Neiswander, Ohio Veg. & Potato Grow.
Assoc. P. 32:142, 1947.

Neiswander & Rodriguez, J. Ec. Ent.
40:419-421, 1947.

**SPRAY MATERIALS - DOWSPRAY 17,
see also SPRAY MATERIALS -
DDT & DOWSPRAY 17**

**SPRAY MATERIALS - DREFT, see
SPRAY MATERIALS - SODIUM
LAURYL SULFATE**

**SPRAY MATERIALS - DYCORO, see
SPRAY MATERIALS - DDT ISO-
MERS (DYCORO)**

**SPRAY MATERIALS - EDWARDS H-4,
see SPRAY MATERIALS - DDT
EMULSIONS (EDWARDS H-4)**

**SPRAY MATERIALS - EFFECT ON
BENEFICIAL INSECTS**

Beacher, Ent. Soc. Amer. Ann. 40.
537,544, 1947.

Jaynes & Marucci, J. Ec. Ent. 40:10-
11, 13-14, 20-22, 25, 1947.

**SPRAY MATERIALS - ELGETOL, see
SPRAY MATERIALS - SODIUM
DINITRO-O-CRESYLATE (ELGE-
TOL)**

SPRAY MATERIALS - EMULSIONS
b Bennett, Pract. Emulsions ed. 2:60-
61, 262-271, 1947.

b Miller et al., Mich. Quart. B. 27.
338-351, 1945.

SPRAY MATERIALS - FERBAM
Gilmore & Levin, J. Ec. Ent. 38:599-
600, 1945.

Polivka, Ohio B. 659.173, 1945.

Powell et al., Ill. Ext. C. 568 rev.:44-
45, 1946.

**SPRAY MATERIALS - FERBAM - EF-
FECT ON ORCHARD FAUNA**
Pickett et al., Sci. Agr. 26:595-600,
1946.

**SPRAY MATERIALS - FERMATE, see
SPRAY MATERIALS - FERBAM**

**SPRAY MATERIALS - FERRIC DIMETH-
YL DITHIOCARBAMATE, see
SPRAY MATERIALS - FERBAM**

**SPRAY MATERIALS - FLAVAN, see
SPRAY MATERIALS - HYDROXY-
PENTAMETHYLFLAVAN (FLAV-
AN, Du Pont)**

**SPRAY MATERIALS - FLORDO, see
SPRAY MATERIALS - COPPER
SULFATE (FLORDO)**

**SPRAY MATERIALS - FLUORINE COM-
POUNDS**
bi Marcovitch & Stanley, Tenn. B. 195:
6-10, 1945.

**SPRAY MATERIALS - FLUORINE COM-
POUNDS--Continued.**

Porter, Md. St. Hort. Soc. P. 47.12,
1945.

Witman, Amer. Fruit Grow. 67(8).31,
1947.

**SPRAY MATERIALS - FLUORINE COM-
POUNDS, see also SPRAY MA-
TERIALS - BARIUM FLUOSILI-
CATE, SPRAY MATERIALS -
CALCIUM CYANAMID & SODIUM
FLUOSILICATE, SPRAY MA-
TERIALS - CRYOLITE; SPRAY
MATERIALS - SODIUM FLUO-
SILICATE**

**SPRAY MATERIALS - FLUORINE
COMPOUNDS - MOISTURE CON-
TENT OF LEAVES**

Overley, Wash. B. 470:88, 1945.

**SPRAY MATERIALS - FORMALDE-
HYDE**

Thompson, Can. Dairy & Ice Cream
J. 25(5):62, 1946.

**SPRAY MATERIALS - FUNGICIDES -
EFFECT ON BENEFICIAL IN-
SECTS**

b Lord, Can. Ent. 79:196-209, 1947.

**SPRAY MATERIALS - GNB-A, see
SPRAY MATERIALS - DDT EMUL-
SIONS (GNB-A)**

**SPRAY MATERIALS - GAMOX, see
SPRAY MATERIALS - BENZENE
HEXACHLORIDE (GAMEX)**

**SPRAY MATERIALS - GAMMEXANE,
see SPRAY MATERIALS - BEN-
ZENE HEXACHLORIDE**

**SPRAY MATERIALS - GAMTOX, see
SPRAY MATERIALS - BENZENE
HEXACHLORIDE (GAMTOX)**

**SPRAY MATERIALS - GAS CONDEN-
SATE**

b Simmons & Dove, J. Ec. Ent. 38:
23-25, 1945.

**SPRAY MATERIALS - GENICIDE, see
SPRAY MATERIALS - XANTHONE
(GENICIDE)**

**SPRAY MATERIALS - GESAROL, see
SPRAY MATERIALS - DDT
(GESAROL)**

SPRAY MATERIALS - GLUE

Polivka, Ohio B. 673:77, 1947.

Wildon et al., Mich. Ext. B. 269:25;
270:32, 271:48, 1945.

**SPRAY MATERIALS - HE-761, see
SPRAY MATERIALS - 3,4-DI-
CHLOROBENZINESULFONE-p-
NITROANILIDE (HE-761)**

**SPRAY MATERIALS - HAZARDS &
SAFEGUARDS**

Mattoon, For. Leaves 37(5/6):9, 1947.

Phillips & Cole, Fla. B. 411.61-62,
1945, rev.:60, 1947.

Wadley, USDA Leaf. 161 rev.:4, 1947.

**SPRAY MATERIALS - HEXACHLORO-
CYCLOHEXANE, see SPRAY MA-
TERIALS - BENZENE HEXA-
CHLORIDE**

**SPRAY MATERIALS - HEXAETHYL
TETRAPHOSPHATE**

Anderson, USDA R. Sec. f. 1947:142.

Brannon et al., Wash. St. Hort. Assoc.
P. 43.10, 1947.

SPRAY MATERIALS - HEXAETHYL

TETRAPHOSPHATE--Continued.

Brown, Amer. Dahlia Soc. B. 20(2): 6-7, 1947.

Brown, Flower Grow. 34:565,584-586, 1947.

Brown et al., Can. Ent. 79:161,164-166, 1947.

Cutright & Sutton, J. Ec. Ent. 40:561, 1947.

Cutright & Sutton, Ohio St. Hort. Soc. P. 100:68, 1947.

De Ong, Grape Grow. 1(1):11, 1947.

English, South. Flor. 59(46):55, 1947.

Fayette et al., J. Ec. Ent. 39:812, 1947.

Garman, Conn. Pom. Soc. R. 56:22-23, 1947.

Garman & Townsend, Conn. B. 512: 76-78, 1946.

Hamilton, J. Ec. Ent. 40:236, 1947.

Hamilton, N. Y. St. Hort. Soc. P. 92: 160-162, 1947.

Hinman & Cowan, USDA EPQ E-722: 18-21, 1947.

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[16], 1946.

Hough & Underhill, Va. R. f. 1946/47: 29.

Karr et al., Wash. St. Hort. Assoc. P. 43:117,122,135-138,143-145, 1947.

Kelshelmer, Fla. R. f. 1946/47:127.

Lathrop et al., Maine Ext. B. 353:12, 1947.

Milne, South. Flor. 60(25):14,54, 1947.

Newcomer, Wash. St. Hort. Assoc. P. 43:20,22, 1947.

O'Neill, Oreg. St. Hort. Soc. P. 39:64, 1947.

Porter, Amer. Fruit Grow. 67(8):45, 1947.

Richardson, Iowa St. Hort. Soc. Trans. 82:138-139, 1947.

b Siegler & Hall, J. Ec. Ent. 40:722-724, 1947.

Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:48, 1947.

Stuckey, Ga. R. 59:106-107, 1947.

Thompson, Fla. R. f. 1946/47:155-156.

Wallace, Utah Gard., Aug. 1947:17.

Watts, S. C. R. 59:161, 1947.

Weinman, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:78, 1947.

Whitcomb et al., Mass. B. 441:37, 1947.

Wilson, Fla. R. f. 1946/47:204.

Wolfenbarger, Fla. R. f. 1946/47:248.

Va. Ext. B. 131 rev.:14,38, 1947.

SPRAY MATERIALS - HEXAETHYL

TETRAPHOSPHATE, see also

SPRAY MATERIALS - DDT &

HEXAETHYL TETRAPHOSPHATE

SPRAY MATERIALS - HEXAETHYL

TETRAPHOSPHATE - EFFECT

ON METAL

Bronson & Hall, Agr. Chem. 1(7):20, 1946.

SPRAY MATERIALS - HEXAETHYL

TETRAPHOSPHATE & BORDEAUX

MIXTURE

Hough & Groves, Va. R. f. 1946/47:31.

SPRAY MATERIALS - HEXAETHYL

TETRAPHOSPHATE & SODIUM

LAURYL SULFATE

Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[23-24], 1946.

SPRAY MATERIALS - HYDROXYMETH-

YLFLAVAN

Garman, Conn. Pom. Soc. R. 56:22, 27-28, 1947.

SPRAY MATERIALS - HYDROXYPEN-

TAMETHYLFLAVAN

Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[16], 1946.

Hough, Va. Fruit 35(1):82, 1947.

Hough & Underhill, Va. R. f. 1946/47: 30.

Marshall & Miles, Wash. St. Hort. Assoc. P. 43:110-111, 1947.

Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:48, 1947.

Va. Ext. B. 131 rev.:14, 1947.

SPRAY MATERIALS - HYDROXYPEN-

TAMETHYLFLAVAN, see also

SPRAY MATERIALS - DDT & HY-

DROXYPEN-TAMETHYLFLAVAN

SPRAY MATERIALS - HYDROXYPEN-

TAMETHYLFLAVAN & OIL

Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:48, 1947.

SPRAY MATERIALS - HYDROXYPEN-

TAMETHYLFLAVAN (FLAVAN,

Du Pont)

Cutright & Sutton, J. Ec. Ent. 40:560, 1947.

Cutright & Sutton, Ohio St. Hort. Soc. P. 100:61,63,65, 1947.

Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 32:142, 1947.

SPRAY MATERIALS - HYDROXYPEN-

TAMETHYLFLAVAN (FLAVAN,

Du Pont) & OIL

Cutright & Sutton, Ohio St. Hort. Soc. P. 100:61,63,67, 1947.

SPRAY MATERIALS - ISOBORNYL

THIOCYANOACETATE

Brown et al., Can. Ent. 79:161,164-166, 1947.

Smith, J. Ec. Ent. 38:604, 1945.

SPRAY MATERIALS - ISOBORNYL

THIOCYANOACETATE, see also

SPRAY MATERIALS - DDT &

ISOBORNYL THIOCYANOACE-

TATE

SPRAY MATERIALS - ISOBORNYL

THIOCYANOACETATE EMULSION

Creighton & Dennis, J. Ec. Ent. 40: 912, 1947.

SPRAY MATERIALS - KEROSENE

Becker, Mass. B. 436:42, 1946.

b Ebeling, J. Ec. Ent. 40:622-632, 1947.

Fernald, J. Ec. Ent. 40:428, 1947.

U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Im-

pound. Water:151,155,386, 1947.

SPRAY MATERIALS - KEROSENE, see

also SPRAY MATERIALS - AZO-

BENZENE & KEROSENE; SPRAY

MATERIALS - BENZENE BEN-

ZOATE & KEROSENE; SPRAY

MATERIALS - BENZENE HEXA-

CHLORIDE & KEROSENE;

- SPRAY MATERIALS - KEROSENE, see also** --Continued.
- SPRAY MATERIALS - CHLORDANE & KEROSENE; SPRAY MATERIALS - CREOSOTE & KEROSENE; SPRAY MATERIALS - DDT & BENZENE (TECHNICAL) & KEROSENE; SPRAY MATERIALS - DDT & CHLORDANE (VELSICOL 1068) & KEROSENE, SPRAY MATERIALS - DDT & CUBE & KEROSENE; SPRAY MATERIALS - DDT & KEROSENE; SPRAY MATERIALS - DDT & LINSEED OIL & KEROSENE, SPRAY MATERIALS - DINITRO & KEROSENE; SPRAY MATERIALS - LEAD ARSENATE & KEROSENE, SPRAY MATERIALS - LETHANE 384 & KEROSENE; SPRAY MATERIALS - MAMEY SEED EXTRACT & KEROSENE, SPRAY MATERIALS - NICOTINE & KEROSENE, SPRAY MATERIALS - NICOTINE SULFATE & OLEIC ACID & KEROSENE, SPRAY MATERIALS - PHENOL & KEROSENE; SPRAY MATERIALS - PYRETHRINS & KEROSENE, SPRAY MATERIALS - PYRETHRUM & KEROSENE, SPRAY MATERIALS - ROTENONE & KEROSENE, SPRAY MATERIALS - ROTENONE & OLEIC ACID & KEROSENE; SPRAY MATERIALS - SABADILLA & KEROSENE; SPRAY MATERIALS - SOAP & KEROSENE**
- SPRAY MATERIALS - KEROSENE & SOAP**
Forsyth, Mont. Ext. Ser. A-53:2, 1945.
- SPRAY MATERIALS - KEROSENE EMULSION**
Bare, Neb. Ext. C. 1545:2-3, 1946.
Howard et al., USDA Misc. Pub. 528 rev.:1516, 1945.
Wallace, Conn. B. 501:91, 1946.
- SPRAY MATERIALS - KRYOCIDE, see SPRAY MATERIALS - CRYOLITE (KRYOCIDE)**
- SPRAY MATERIALS - LAURYL THIOCYANATE**
Walton, J. Ec. Ent. 40:392-393, 1947.
- SPRAY MATERIALS - LAURYL THIOCYANATE & OIL**
Usinger, J. Ec. Ent. 39:287,289, 1946.
- SPRAY MATERIALS - LAURYL THIOCYANATE (LORO)**
Borden, Oreg. St. Hort. Soc. R. 37:23, 1945.
Chabot, Flower Grow. 34:42, 1947.
Cutright, Ohio B. 659:107, 1945.
Neiswander, Ohio B. 673:86, 1947.
Rings, Ohio St. Univ. Abs. Doctoral Diss. 52:258, 1947.
Scott & Scott, Chrysanthemums for Pleasure:12,16-17,26,28, 1947.
Wallace, Utah Gard., Aug. 1947:17.
- SPRAY MATERIALS - LAURYL THIOCYANATE (LORO) & GRESSELLI SPREADER-STICKER**
Connell & Beacher, Del. B. 265:22-24, 27, 1947.
- SPRAY MATERIALS - LEAD ARSENATE**
Annand, USDA EPQ R. f. 1945/46:4.
Ayers, Amer. Fruit Grow. 65(6) 9,18-19, 1945.
Bacon et al., Cal. C. 365:85-87, 1946.
Baker & Perron, Ent. Soc. Ont. R. 75:30-33, 1945.
Baker & Porter, USDA EPQ E-637.1-6, 1945.
Batchelor et al., Cal. C. 364 22, 1945.
Beckwith, USDA FB 1951 rev.:35, 1946.
Bobb, Va. Fruit 35(1):48,51-52, 1947.
Bohart, Hilgardia 17:295-296,298,301, 303, 1947.
Boyce, Diamond Walnut News 28(3). 12-13, 1946.
Breakey, Wash. B. 470 119, 1945.
Campbell, R. I. R. 58.34, 1946.
Chamberlin & Fluke, Wis. Res. B. 159.10,14, 1947.
Chandler, Ill. B. 519 316-321, 1946.
Chandler, Ill. St. Acad. Sci. Trans. 39.132-134, 1946.
Chandler, Ill. St. Hort. Soc. Trans. 79:274-289, 1946.
Chandler et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 60-61, 1947.
Childs, Oreg. St. Hort. Soc. P. 39:68, 1947.
Childs et al., Oreg. Ext. B. 663 7, 664 9, 1946.
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:62, 1947.
Cleveland, Amer. Pom. Soc. P. 60 158, 1945?
Cleveland, Va. Fruit 33(1) 176-178, 1945.
Conklin & O'Kane, N. H. B. 367 33, 1946.
Cooper, Ky. R. 57:22-23, 1945, 58-41, 1946, 59:36, 1947.
Cumming, Hardy Chrysanthemums rev.:130, 1945.
Curry, N. Mex. R. 56:45, 1946?, 57 27-29, 1947?
Cutright, Ohio B. 665:25, 1946.
Cutright & Sutton, Ohio St. Hort. Soc. P. 100:55-56, 1947.
Daines, Hoosier Hort. 28:41-43, 1946.
Davis, Amer. Nurserym. 84(9):9, 1946.
Decker, Goldfom 20(3):21-22, 1946.
Downes, Victoria Nat. 2.141, 1946.
Eide, Wash. St. Hort. Assoc. Proc. 41:57-58,61, 1945.
Eyer & Enzie, N. Mex. B. 338.12-13, 1947.
Figy, Mich. St. Dept. Agr. Bien. R. 11:97, 1945, 12:130-131, 1947.
Filling, Kans. C. 235.41, 1946.
French, Va. Dept. Agr. B. 447:8-9, 1946.
French, Gard. Gossip 21(8):17-18; (12):13, 1946; 22(3):19, 1947.
Garman, Conn. B. 501:75-77, 1946.
Gates, Colo. Bur. Plant & Ins. Control R. f. 1945/46:12-13.
Goodrich, East. Fruit Grow. 8(9):16, 21, 1945.

SPRAY MATERIALS - LEAD ARSENATE

--Continued.

- Gould, Ind. R. 59:18, 1946.
- Graham, Md. Agr. Soc. R. 31:116-117, 1947.
- Hadley, USDA EPQ E-727:3-4, 1947.
- Harman, N. Y. (G.) Farm Res. 12(2): 2-3, 1946.
- Harman, N. Y. St. Hort. Soc. P. 91:69-75, 1946.
- Hitchcock, Mont. Ext. Ser. A-50:2, 1945.
- Hixson et al., Neb. R. 60:53, 1947.
- Holdaway & Nishida, Hawaii R. f. 1944/46:75-76, 1947.
- Holdaway et al., Hawaii R. f. 1942/44: 65-66, 1945.
- Hough, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:27-28, 1945.
- Hough, N. Y. St. Hort. Soc. P. 90:193-194, 1945.
- Hough, Can. Hort. Grow. Ed. 69:95-96, 110, 1946.
- Hough, Md. St. Hort. Soc. P. 48:11-15, 1946.
- Hough, Va. Fruit 34:132-134, 1946.
- Houser, Amer. Fruit Grow. 67(6):17, 36, 1946.
- Howard & Brooks, Cal. Ext. C. 117 rev.:34, 1947.
- Jenkins, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:45, 1947.
- Jenkins, Mo. St. Hort. Soc. Hort. News 7(2):9, 1947.
- Jennings, R. I. Misc. Pub. 26:18, 1945.
- Lathrop, Maine Ext. B. 274 rev.:10-15, 17-18, 1945.
- Lecrone, Okla. Ext. C. 108 rev.:8, 1946.
- Lilly & Kuehner, Wis. Hort. 36:259, 1946.
- Lincoln, Ark. Ext. C. 438:12, 1945.
- Lining et al., Pa. B. 475:30-31, 1945; 480.40, 1946.
- McDaniels, N. Y. (C.) Ext. B. 701:31, 1946.
- McKelvey et al., J. Ec. Ent. 40:477-479, 1947.
- Marcovitch & Stanley, Tenn. R. 59:92-93, 1947.
- Martin & Bilsing, Tex. Pecan Grow. Assoc. P. 26:45-47, 1947.
- Michelbacher & Swanson, Diamond Walnut News 28(3):6-7, 1946.
- Michelbacher et al., Cal. C. 365:78-84, 87-90, 1946.
- Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:22-23, 47, 1946; 711:26, 31-32, 34-37, 40, 43, 45-46, 48, 50, 52, 54, 59-60, 69, 72-73, 78, 83, 1947.
- Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:3, 1945.
- Nickels & Pierce, Tex. Pecan Grow. Assoc. P. 26:39-44, 1947.
- Orr & Wygant, USDA EPQ E-669, 3-10, 1945.
- Overley, Wash. B. 470:87-88, 1945.
- Pepper, Pa. Veg. Grow. News 15(1): 59, 1945.
- Pepper, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[17], 1946.
- Phillips & Cole, Fla. B. 411:58-59, 1945; rev.:56-57, 1947.

SPRAY MATERIALS - LEAD ARSENATE

--Continued.

- Powell et al., Ill. Ext. C. 568 rev.:39-40, 1946.
- Putnam, N. Y. St. Hort. Soc. P. 92:46-49, 1947.
- Rasmussen et al., Mich. Ext. B. 154 rev.:16-17, 1945; rev.:17, 1946.
- Rasmussen et al., N. H. Ext. C. 280. 3, 1947.
- Reed et al., Amer. Fruit Grow. 66(2). 16, 41-42, 44, 47, 1946.
- Rice & Stearns, Del. B. 263:23, 1947.
- Richardson, Iowa St. Hort. Soc. Trans. 80:68-71, 1945.
- Richardson, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:60, 1947.
- Rogers, Oreg. St. For. Bien. R. f. 1944/46:49-53.
- Roque, P. R. (Rio Piedras) R. f. 1943/44:34-35, 1946.
- St. George, USDA EPQ, The Mimosa Webworm:3, 1946.
- Severin, S. Dak. R. 59:16, 1946.
- Sherwood, W. Va. Ext. C. 320 rev.:39, 1946.
- Sherwood, Mountaineer Grow. 17(163): 6, 1947.
- Slate, Conn. R. f. 1945/46:10.
- Slate et al., N. Y. (G.) C. 153 rev.:50, 52, 55, 57, 1945.
- Smith, Cal. Ext. C. 46 rev.:42, 1947.
- Snapp, Ill. St. Hort. Soc. Trans. 79: 385-386, 1946.
- Stanley, Tenn. Hort. 25(1):3-4, 1947.
- Stanley, Tenn. St. Hort. Soc. P. 41: 78-79, 1947.
- Steiner, N. Y. St. Hort. Soc. P. 90. 195-207, 1945.
- Steiner, Va. Fruit 34:147-151, 1946.
- Stiles, Okla. Ext. C. 430:11, 1946.
- Stirrett, Can. Dept. Agr. Div. Ent. Processed Pub. 56, 4 p., 1946.
- Stirrett, Can. Expt. Farms Serv., Tob. Div., Lighter 16(2):11, 1946.
- Stuckey, Ga. R. 59:104-106, 1947.
- Thies, Mass. Ext. Fruit Notes, Dec. 30, 1946:2.
- Trullinger et al., USDA OES R. f. 1945/46:108, 1947.
- Underhill, Gard. Gossip 20(6):14, 1945.
- Vorhies & Wehrle, Ariz. B. 203:33, 1946.
- Watts, S. C. R. 59:162-163, 1947.
- Whitcomb, Mass. B. 436:40, 1946; 441:38, 1947.
- Whitcomb & Garland, Mass. B. 441: 39, 1947.
- Whitehead, Okla. Acad. Sci. P. 26:25-26, 1946.
- Wildon et al., Mich. Ext. B. 269:23; 270:29; 271:45, 1945.
- Williams, Conn. Ext. B. 377:16, 1946.
- Wolfenbarger, Fla. R. f. 1946/47:248-249.
- Wolfenbarger, Fla. St. Hort. Soc. P. 60:169, 1947.
- Mich. Ext. Folder F-84:5, 1945.
- Ohio B. 655:31-32, 1945; 670:32-33, 1947.
- Va. Ext. B. 131 rev.:35, 1947.
- Wash. Ext. B. 279 rev.:11, 1947.

SPRAY MATERIALS - LEAD ARSENATE, *see also* SPRAY MATERIALS - DDT & LEAD ARSENATE, SPRAY MATERIALS - DDT (WETTABLE) & LEAD ARSENATE

SPRAY MATERIALS - LEAD ARSE-NATE - DOSAGE

Hough, Va. B. 388:10-11, 1946.

Whitcomb, Mass. B. 428:39, 1945.

SPRAY MATERIALS - LEAD ARSE-NATE - EFFECT ON BENEFICIAL INSECTS

Lord, Can. Ent. 79:206, 1947.

SPRAY MATERIALS - LEAD ARSE-NATE - EFFECT ON SOIL

Gardiner, Can. Min. Agr. R. f. 1945/46: 63.

SPRAY MATERIALS - LEAD ARSE-NATE - EFFECT ON YIELD

Roque, P. R. (Rfo Piedras) R. f. 1943/44:34-35, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE - RESISTANT INSECTS

Chandler, Ill. B. 519:326, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE - SAFENERS

Swartwout & Martin, Mo. Ext. C. 506 rev.:4, 1945.

SPRAY MATERIALS - LEAD ARSE-NATE - SPREADERS & STICKERS

bt Garman, Conn. B. 485:110-161, 1945.

Graham, Iowa St. Col. J. Sci. 22:33, 1947.

Hough, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[28], 1945.

SPRAY MATERIALS - LEAD ARSE-NATE - TESTS

b Cox, J. Ec. Ent. 40:588-590, 1947.

Dean et al., J. Ec. Ent. 39:523-526, 1946.

Fleming & Maines, J. Ec. Ent. 40: 846-849, 1947.

Garman, J. Ec. Ent. 38:341-343, 1945.

Newcomer et al., J. Ec. Ent. 39:675-676, 1946.

Nickels, J. Ec. Ent. 39:272-273, 1946.

Nickels & Pierce, J. Ec. Ent. 38:607, 1945.

Parker & Eshbaugh, J. Ec. Ent. 40: 861-864, 1947.

b Richardson, J. Ec. Ent. 39:381; 391: 393, 1946.

Snapp, J. Ec. Ent. 38:417-418, 1945.

Stearns et al., J. Ec. Ent. 40:80, 1947.

SPRAY MATERIALS - LEAD ARSE-NATE & BORDEAUX MIXTURE

Armstrong, Ky. Fruit Notes 3(1):1, 1946.

Chandler, Ill. St. Hort. Soc. Trans. 78:126-132, 1945.

Dickey et al., Fla. B. 436:42, 1947.

Graham et al., Md. Ext. B. 112:17, 1946.

Firor, Ga. Ext. B. 518:14, 17, 1945; rev.:15, 1946.

Miller & Thompson, Oreg. C. Inform. 404:2-3, 1947.

Phillips, Fla. R. f. 1944/45:63; f. 1945/46:61; 1946/47:66.

Phillips & Cole, Fla. B. 411:11, 19-20, 28-29, 1945.

SPRAY MATERIALS - LEAD ARSE-NATE & BORDEAUX MIXTURE

Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44 3-4, 1946.

Thompson, Ont. Dept. Agr. B. 355 rev.:32, 1947.

Vorhies & Wehrle, Ariz. B. 203:20, 49, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & BORDEAUX MIXTURE & CALCIUM CASEINATE

Firor, Ga. Ext. B. 518 rev.:17, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & BORDEAUX MIXTURE & LIME

Armstrong, Ky. Fruit Notes 3(1) 1, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & BORDEAUX MIXTURE & OIL (SUMMER)

Armstrong, Ky. Fruit Notes 3(1):1, 1946.

Woodside, Va. Fruit 34(3):16, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & COPPER & LIME

Raffensperger, Md. Agr. Soc. R. 29. 118, 1945.

SPRAY MATERIALS - LEAD ARSE-NATE & COPPER CARBONATE, AMMONIACAL

Bacon et al., Cal. C. 365 85-87, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & CUBE

Allen & Early, S. C. R. 59:121, 1947.

SPRAY MATERIALS - LEAD ARSE-NATE & DN-111

Schoene, Amer. Pom. Soc. P. 60:150-151, 1945?

SPRAY MATERIALS - LEAD ARSE-NATE & DN-111 & SULFUR (WET-TABLE)

Bourne & Whitcomb, Mass. B. 428:33-34, 1945.

SPRAY MATERIALS - LEAD ARSE-NATE & FERBAM

Garman, J. Ec. Ent. 38:341-343, 1945.

Haseman, Mo. B. 510:34, 1947.

SPRAY MATERIALS - LEAD ARSE-NATE & FERBAM & SULFUR

Garman & Townsend, Conn. B. 512:77, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & FERBAM MIXTURES

Garman, Conn. Pom. Soc. P. 55:24, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & FISH OIL

Baker et al., Wash. B. 497:42, 1947.

Fleming, J. Ec. Ent. 38:308-312, 1945.

SPRAY MATERIALS - LEAD ARSE-NATE & FLOUR (WHEAT)

Allen, S. C. R. 57:117, 1945.

SPRAY MATERIALS - LEAD ARSE-NATE & FUNGICIDES

Bourne et al., Mass. B. 441:35, 1947.

Clark & Hoveland, Wis. B. 472:23, 1947.

SPRAY MATERIALS - LEAD ARSE-NATE & KEROSENE & SOAP (LIQUID)

List, West. Colo. Hort. Soc. Trans. f. 1945:77, 1946.

SPRAY MATERIALS - LEAD ARSE-NATE & LIME

- Baker et al., Wash. B. 497:42, 1947.
 Brann, N. Y. St. Hort. Soc. P. 92:175-176, 1947.
 Chandler, Ill. St. Hort. Soc. Trans. 78:126-132, 1945.
 Firor, Ga. Ext. B. 518 rev.:11, 1946.
 Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[15], 1946.
 Jones et al., Oreg. C. Inform. 358:2, 1945; 405:4, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:10-11, 21, 1946.
 Schoene, Amer. Pom. Soc. P. 60:149-151, 1945?
 Thompson, Ont. Dept. Agr. B. 355 rev.:28-29, 31, 1947.
 Wolfenbarger, Fla. Ent. 29:39, 43-44, 1947.
 Woodside, Va. Fruit 34(3):14, 16, 1946.
 Ohio Ext. B. 128, ed. 10:55; Ohio B. 655 rev.:55, 1945.
 Oreg. C. Inform. 407:3-4, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME & LIME-SULFUR
 Firor, Ga. Ext. B. 518 rev.:15, 1946.
 Woodside, Va. Fruit 34(3):16, 1946.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME & NICOTINE SULFATE
 Brann, N. Y. St. Hort. Soc. P. 92:175-177, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME & PARIS GREEN
 Bare, Neb. Ext. C. 1510 rev.:4, 1946.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME & SKIM MILK
 Oreg. C. Inform. 407:2, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME & SOAP
 Baerg & Lincoln, Ark. Ext. C. 448:4-5, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME & ZINC SULFATE
 Haseman, Mo. B. 510:34, 1947.
 Schoene, Amer. Pom. Soc. P. 60:149-151, 1945?
 Talbert, Gen. Hort.:223, 1946.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME-SULFUR
 Driggers, J. Ec. Ent. 39:181-183, 1946.
 Jones et al., Oreg. C. Inform. 358:2, 1945.
SPRAY MATERIALS - LEAD ARSE-NATE & LIME-SULFUR (CONCENTRATE)
 Doehlert & Tomlinson, N. J. C. 504:8, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & MOLASSES
 Hartzell & Taschenberg, N. Y. (G.) R. 65:17, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:45, 1946.
 Oreg. C. Inform. 407:3, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & NICOTINE
 Cleveland, Amer. Pom. Soc. P. 60:158-159, 1945?

SPRAY MATERIALS - LEAD ARSE-NATE & NICOTINE--Continued.

- Cleveland, Va. Fruit 33(1):177, 1945.
SPRAY MATERIALS - LEAD ARSE-NATE & NICOTINE SULFATE
 Baker & Perron, Ent. Soc. Ont. R. 75:30-33, 1945.
 Orr & Wygant, USDA EPQ E-669:8, 1945.
 Wolfenbarger, Fla. PB 639:4-6, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & NICOTINE SULFATE & OIL
 Graham, Md. Agr. Soc. R. 29:113-116, 1945.
 Wildon et al., Mich. Ext. B. 270:29, 1945.
SPRAY MATERIALS - LEAD ARSE-NATE & NICOTINE SULFATE & OIL (SUMMER)
 Sherwood, W. Va. Ext. C. 320 rev. 40, 1946.
SPRAY MATERIALS - LEAD ARSE-NATE & NICOTINE SULFATE & OIL EMULSION
 Baker & Perron, Ent. Soc. Ont. R. 75:30-33, 1945.
SPRAY MATERIALS - LEAD ARSE-NATE & NICOTINE SULFATE & SULFUR (WETTABLE)
 Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:99, 1945.
SPRAY MATERIALS - LEAD ARSE-NATE & OIL
 Bare, Neb. R. 59:61, 1946.
 Cutright, Ohio B. 665:25, 1946.
 Dean, Kans. C. 234:6, 1946.
 Doucette & Latta, USDA C. 746:22-24, 1946.
 Hough, Amer. Fruit Grow. 65(2):11, 30, 1945.
 Olson, Nature Mag. 39:50, 1946.
 Ohio B. 655:32, 1945; 670:33, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & OIL & BENTONITE
 Johnson, Conn. B. 488:418-419, 1945.
SPRAY MATERIALS - LEAD ARSE-NATE & OIL & WETTING AGENT
 bi Michelbacher, J. Ec. Ent. 38:347-355, 1945.
SPRAY MATERIALS - LEAD ARSE-NATE & OIL (SUMMER)
 Buchanan, Wash. B. 482:47-48, 1946.
 Cleveland, Amer. Pom. Soc. P. 60:159, 1945?
 Cleveland, Va. Fruit 33(1):177-178, 1945.
 Curry, N. Mex. R. 56:45, 1946?; 57:28, 1947?
 Mundinger, N. Y. (G.) R. 65:16, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.:39-40, 1946.
 Weinman, J. Ec. Ent. 40:567-568, 1947.
 i Wester & St. George, J. Ec. Ent. 40:548-550, 552-553, 1947.
SPRAY MATERIALS - LEAD ARSE-NATE & OIL EMULSION
 Baker & Perron, Ent. Soc. Ont. R. 75:30-33, 1945.
 Borden, Cal. C. 365:72-73, 1946.

- SPRAY MATERIALS - LEAD ARSE-NATE & PHENOTHIAZINE**
 Lininger et al., Pa. B. 475:27-28,30-31, 1945; 480:40, 1946, 488:28, 1947.
 Raffensperger, Md. Agr. Soc. R. 30 115-118, 1946.
 Raffensperger, Va. Fruit 34(2):4,6,8, 1946.
 Steiner, N. Y. St. Hort. Soc. P. 90:206-207, 1945.
 i Steiner, Pa. B. 475, Sup. 1:5-6, 1946.
 Steiner, Va. Fruit 34:147-152, 1946.
- SPRAY MATERIALS - LEAD ARSE-NATE & PHENOTHIAZINE & FERMATE**
 Woodside, Va. Fruit 34(3):16, 1946.
- SPRAY MATERIALS - LEAD ARSE-NATE & ROTENONE**
 Hartzell & Taschenberg, N. Y. (G.) R. 65 17, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE & SKIM MILK POWDER**
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev..20, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE & SOAP**
 Baerg & Lincoln, Ark. Ext. C. 448:9-10, 1947.
 Gauthier, Macdonald Col. J. 5(12) 14, 1945.
 Lehker, Ind. Ext. B. 239 rev. 13, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE & SOAP & OIL**
 Marshall, Ind. R. 59:63, 1946.
- SPRAY MATERIALS - LEAD ARSE-NATE & SOAP (RESIN FISH OIL)**
 Hanna, Cal. Ext. C. 91 rev.:20, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE & SULFUR**
 Borden, Cal. C. 365 72-73, 1946.
 Fox & Perron, Ent. Soc. Ont. R. 76:27-31, 1946.
 Garman, Conn. Pom. Soc. R. 56:25-27, 1947.
 Slate, Conn. R. f. 1945/46 10.
- SPRAY MATERIALS - LEAD ARSE-NATE & SULFUR (WETTABLE)**
 Garman, Conn. B. 512:87-88, 1946.
 Jacob et al., Cal. Ext. C. 116 rev.'70, 1947.
 Slate, Conn. R. f. 1944/45:20.
- SPRAY MATERIALS - LEAD ARSE-NATE & ZINC SULFATE & OIL EMULSION**
 Parker & Eshbaugh, J. Ec. Ent. 40: 861-862,864, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE & ZINC SULFATE (BASIC) & OIL EMULSION**
 Michelbacher & Middlekauff, Cal. Agr. 1(7).1, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE vs. BENZENE HEXACHLORIDE**
 Snapp, J. Ec. Ent. 40:383-385, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE vs. DDT**
 Chandler, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:77-78, 1946.
 Childs, J. Ec. Ent. 40:452, 1947.
 Dean, J. Ec. Ent. 40:186,188-189, 1947.
 Garman, Conn. B. 512:92, 1946.
- SPRAY MATERIALS - LEAD ARSE-NATE vs. DDT--Continued.**
 Hough, Peninsula Hort. Soc. Trans. 59:22, 1946.
 Rice & Stearns, Peninsula Hort. Soc. Trans. 59 26-31, 1946.
 Still, Ohio St. Hort. Soc. P. 79:81-83, 1946.
- SPRAY MATERIALS - LEAD ARSE-NATE (ACID), see SPRAY MATERIALS - LEAD ARSENATE**
- SPRAY MATERIALS - LEAD ARSE-NATE (BASIC)**
 Borden & Madsen, Sunsweet Std. 31 (7).8-9, 1947.
 Ebeling, Cal. Ext. C. 43 rev..48, 1947.
 Howard & Brooks, Cal. Ext. C. 117 rev. 63, 1947.
 Lamiman & Smith, Cal. Ext. C. 103 rev.:70,74, 1947.
 Michelbacher & Middlekauff, Cal. Agr. 1(7) 1, 1947.
 Michelbacher et al., Cal. C. 365.78-84, 1946.
 Rasmussen et al., Mich. Ext. B. 154 rev..17-18, 1946.
 Schoene, Amer. Pom. Soc. P. 60:150-151, 1945?
 Smith, Cal. Ext. C. 98 rev. 48,50,52, 1946.
 Sorenson, Utah Farm & Home Sci. 8 (2).14, 1947.
 Va. Ext. B. 131 rev. 35, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE (BASIC) - EFFECT ON SCALE POPULATIONS**
 Middlekauff et al., J. Ec. Ent. 40:443, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE (BASIC) & LIME**
 Schoene, Amer. Pom. Soc. P. 60.150-151, 1945?
- SPRAY MATERIALS - LEAD ARSE-NATE (BASIC) & LIME & SULFUR**
 Garman, Conn. B. 501:80, 1946.
- SPRAY MATERIALS - LEAD ARSE-NATE (BASIC) & NICOTINE SULFATE**
 Jones et al., Oreg. C. Inform. 406:3-4, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE (BASIC) & SULFUR**
 Garman, Conn. Pom. Soc. P. 55:22, 1946.
- SPRAY MATERIALS - LEAD ARSE-NATE (BASIC vs. ACID)**
 Graham et al., Md. Ext. B. 105:22-23, 1945.
 Schoene, Va. Fruit 33(1):165-169, 1945.
- SPRAY MATERIALS - LEAD ARSE-NATE (STANDARD) - EFFECT ON SCALE POPULATIONS**
 Middlekauff et al., J. Ec. Ent. 40:442-443, 1947.
- SPRAY MATERIALS - LEAD ARSE-NATE MIXTURES**
 Baker et al., Wash. B. 497:47, 1947.
 Beaulieu, Quebec Soc. Protect. Plants R. 29:38-39, 1945?
 Chandler, Ill. St. Hort. Soc. Trans. 80: 180-181,185-189, 1947.

SPRAY MATERIALS - LEAD ARSENATE MIXTURES--Continued.

- Connell & Beacher, Del. B. 265:20-24, 1947.
 Cutright, Ohio B. 673:63, 1947.
 Cutright & Vogel, Ohio St. Hort. Soc. P. 79:95-100, 1946.
 Garman, Conn. B. 512:70-75, 1946.
 Gould et al., Cumberland-Shenandoah Fruit Workers' Conf. P. 22:[13-15], 1945.
 Graham, Md. St. Hort. Soc. P. 47:15-19, 1945.
 Graham & Cory, Md. St. Hort. Soc. P. 49:28, 1947.
 Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:61,64; f. 1947:27.
 Hough, Md. Agr. Soc. R. 30:104,106-107, 1946.
 Hough, Va. B. 388,11 p., 1946.
 Marshall, Ind. R. 58:53, 1945, 59:63, 1946.
 Marshall et al., Ind. Hort. Soc. Trans. 85:47-52, 1946; 86:23-25, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 711. 8,10-15,35-36,47-48,52-53,55-57,63-64,69,71,73,75, 1947.
 Newcomer & Dean, J. Ec. Ent. 39:784-786, 1946.
 Newton, West. Colo. Hort. Soc. Trans. f. 1945:14-16, 1946.
 Nickels, Tex. Pecan Grow. Assoc. P. 25:21-22, 1946.
 Nickels & Pierce, J. Ec. Ent. 39:792-794, 1946.
 Nickels & Pierce, Tex. Pecan Grow. Assoc. P. 28:40-44, 1947.
 Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:68-75, 1945.
 Pickett, N. S. Fruit Grow. Assoc. R. 84:77, 1947.
 Rice, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[22-25], 1945.
 Richardson, Iowa St. Hort. Soc. Trans. 81:129-131, 1946.
 Stearns, Cumberland-Shenandoah Fruit Workers' Conf. P. 23.[14,21], 1946.
 Stearns & Parker, Peninsula Hort. Soc. Trans. 60:79-81, 1947.
 Steiner et al., Ind. Hort. Soc. Trans. 84:27-38, 1945; 85:30-43, 1946; 86:85,87,91,93-96, 1947.
 Tisdale, Fla. Grow. 56 [i.e. 55](4):28, 1947.
 Wadley, USDA Leaf. 161 rev.4, 1947.

SPRAY MATERIALS - LEAD ARSENATE SUBSTITUTES

- Baker et al., Wash. B. 497:47, 1947.
 Hough & Hill, Va. R. f. 1946/47:32.
 Sherwood, W. Va. Ext. C. 320 rev.40-41, 1946.
 Ohio B. 655:32-33, 1945; 670:33, 1947.
SPRAY MATERIALS - LEGISLATION
 Ruth, Ill. St. Hort. Soc. News Let. No. 4:1, 1947.

SPRAY MATERIALS - LETHANE

- Alicata et al., J. Ec. Ent. 40:922-923, 1947.
 Brower, J. Ec. Ent. 40:693-694, 1947.
 Brown et al., Can. Ent. 79:161,164-166, 1947.

SPRAY MATERIALS - LETHANE, see also SPRAY MATERIALS - NICO-TINE & SULFATE & LETHANE

SPRAY MATERIALS - LETHANE & FUNGICIDES

- Reek, Ont. Agr. Col. & Expt. Farm R. 71:73-74, 1946.

SPRAY MATERIALS - LETHANE 60

- Plummer & Shaw, J. Ec. Ent. 40:501, 1947.

SPRAY MATERIALS - LETHANE 60, see also SPRAY MATERIALS - DDT EMULSIONS & LETHANE 60

SPRAY MATERIALS - LETHANE B-72

- Berkeley et al., Amer. Potato J. 23. 285-290, 1946.

- Cox, J. Ec. Ent. 38:278-279, 1945; 40:195-196,198, 1947.

- Doyle et al., Quebec Soc. Protect.

- Plants R. 30:156,158,160-170, 1947.

- Lininger et al., Pa. B. 475:30, 1945; 480:41, 1946.

- Tate & Hill, Neb. Ext. C. 1529:4, 1945.

SPRAY MATERIALS - LETHANE B-72 - EFFECT ON BENEFICIAL IN-SECTS

- Lord, Can. Ent. 79:207, 1947.

SPRAY MATERIALS - LETHANE B-72 & FUNGICIDES

- Doyle et al., Quebec Soc. Protect.

- Plants R. 30:162-165,167-170, 1947.

SPRAY MATERIALS - LETHANE (B-72) MIXTURES

- Henderson, West. Colo. Hort. Soc.

- Trans. f. 1946:31-35, 1947.

SPRAY MATERIALS - LETHANE 384 & KEROSENE

- Hoskins & Caldwell, Soap & Sanit.

- Chem. 23(4):144,161,163,165,167, 1947.

SPRAY MATERIALS - LETHANE 440

- Rings, Ohio St. Univ. Abs. Doctoral

- Diss. 52:258, 1947.

- Wallace, Conn. B. 501:91, 1946.

SPRAY MATERIALS - LETHANE 440 & OIL EMULSION

- Steinweden, Cal. Dept. Agr. B. 34.179, 1945.

SPRAY MATERIALS - LIME

- Anderson, J. Ec. Ent. 38:564-566, 1945.

- Bobb, Va. Fruit 35(1):52, 1947.

- Polivka, Ohio B. 673:77, 1947.

- Rasmussen et al., Mich. Ext. B. 154

- rev.:27, 1946.

- Williams, Conn. Ext. B. 377:17, 1946.

SPRAY MATERIALS - LIME, see also

SPRAY MATERIALS - BORDEAUX MIXTURE & LIME; SPRAY MA-

TERIALS - CALCIUM ARSENATE & LIME; SPRAY MATERIALS -

DDT & LIME; SPRAY MATERI-

ALS - DDT EMULSIONS & LIME; SPRAY MATERIALS - DN-111 &

CRYOLITE & LIME; SPRAY MA-

TERIALS - LEAD ARSENATE & BORDEAUX MIXTURE & LIME;

SPRAY MATERIALS - LEAD AR-

SENATE & COPPER & LIME; SPRAY MATERIALS - LEAD AR-

SENATE & LIME; SPRAY MA-

TERIALS - LEAD ARSENATE (BASIC) & LIME

SPRAY MATERIALS - LIME & ALUMINUM SULFATE

Hadley, USDA EPQ E-727:4, 1947.
Johnson, Conn. B. 488:405-406, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 711:71, 1947.

SPRAY MATERIALS - LIME & LINSEED OIL

Pyenson, Flower Grow. 32:148, 1945.

SPRAY MATERIALS - LIME & NICOTINE - EFFECT ON SCALE POPULATIONS

Middlekauff et al., J. Ec. Ent. 40:442-443, 1947.

SPRAY MATERIALS - LIME & PARIS GREEN

Baker & Perron, Ent. Soc. Ont. R. 75:24-28, 1945.

Hitchcock, Mont. Ext. Ser. A-50:2, 1945.

Price, Ky. Ext. C. 435:4, 1947.

SPRAY MATERIALS - LIME & SULFUR

Ross & Putnam, Can. Dept. Agr. Div. Ent. Processed Pub. 43:1, 1946.

SPRAY MATERIALS - LIME & SULFUR MIXTURES

Overley, Wash. B. 470:87, 1945.

Webster et al., Wash. B. 470:37, 1945.

SPRAY MATERIALS - LIME & ZINC SULFATE

Ohio B. 670:29, 1947.

SPRAY MATERIALS - LIME-SULFUR

Alp & Pilchard, Ill. Ext. C. 452 rev.:31, 1946.

Breakey & Brannon, Wash. Ext. B. 346:4, 1946.

Breakey & Brannon, Wash. Packer 12(7) 7, 1947.

Brower, J. Ec. Ent. 40:693-694, 1947.

Butterfield, Cal. Ext. C. 80 rev.:44, 1947.

Childs et al., Oreg. Ext. B. 664:9, 1946.

Filinger, Kans. C. 235:42, 1946; 239:20-21, 1947.

Firor, Ga. Ext. B. 518 rev.:11,14-15, 17, 1946.

Gardiner, Can. Min. Agr. R. f. 1946/47:94.

Jones et al., Oreg. C. Inform. 405:4, 1947.

Lamlman & Smith, Cal. Ext. C. 103 rev.:68,70,72,74, 1947.

McDaniel, Mich. Quart. B. 29:329, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 711:27,52,64,71,78-79, 1947.

Newcomer, Wash. St. Hort. Assoc. P. 43:23, 1947.

Parker et al., Man. for Cit. Grow. ed. 3:49, 1947.

Phillips & Cole, Fla. B. 411 rev.:57, 1947.

Pickett, N. S. Fruit Grow. Assoc. R. 83:28, 1946.

Pletsch, Mont. B. 446:68-73,85, 1947.

Richardson, Iowa St. Hort. Soc. Trans. 82:140, 1947.

Slate, Conn. R. f. 1944/45:22.

Smith, Cal. Ext. C. 46 rev.:43, 1947; 98 rev.:47, 1946.

Talbert, Gen. Hort.:220-221, 1946.

Talbert, Mo. St. Hort. Soc. Hort. News 5(11):5, 1946.

SPRAY MATERIALS - LIME-SULFUR-- Continued.

Vorhies & Wehrle, Ariz. B. 203:41, 1946.

Wallace, Conn. B. 501:91-92, 1946.

Watson, Fla. Grow. 54(1):14, 1946.

Willman, N. Y. (C.) Ext. B. 727:61, 1947.

Ohio B. 655:24-27, 1945; 670:25-28, 1947.

West. Coop. Spray Proj. Conf., Agr. Chem. 2(3):37, 1947.

SPRAY MATERIALS - LIME-SULFUR,

see also **SPRAY MATERIALS -**

COPPER ARSENATE (BASIC) &

LIME-SULFUR; SPRAY MATERI-

ALS - DDT & LEAD ARSENATE &

LIME-SULFUR; SPRAY MATERI-

ALS - LEAD ARSENATE & LIME &

LIME-SULFUR, SPRAY MATERI-

ALS - LEAD ARSENATE & LIME-

SULFUR, SPRAY MATERIALS -

ZINC ARSENATE & LIME-SUL-

FUR, SPRAY MATERIALS - ZINC

ARSENITE & LIME-SULFUR

SPRAY MATERIALS - LIME-SULFUR -

DILUTION TABLES

Wash, Ext. B. 279 rev.:16, 1947.

SPRAY MATERIALS - LIME-SULFUR -

EFFECT ON YIELD

b Mills, N. Y. (C.) M. 273,38 p., 1947.

SPRAY MATERIALS - LIME-SULFUR &

NICOTINE SULFATE

Cutright, Ohio Bmo. B. Farm &

Home Res. 32:52, 1947.

Jones & Mote, Oreg. C. Inform. 374:1,

1946.

List, Amer. Assoc. Ec. Ent. N. Cent.

Sts. Branch P. 2:52, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 711:

7-8,16,53, 1947.

Phillips & Cole, Fla. B. 411:26, 1945.

Wade, Ill. St. Hort. Soc. Trans. 79

171, 1946.

SPRAY MATERIALS - LIME-SULFUR &

OIL

Brannon et al., Wash. St. Hort. Assoc.

P. 43:9-10, 1947.

SPRAY MATERIALS - LIME-SULFUR &

OIL EMULSION

Weinland, Grape Grow. 1(5):17, 1947.

Oreg. C. Inform. 407:4, 1947.

SPRAY MATERIALS - LIME-SULFUR &

SODIUM LAURYL SULFATE

Stegler, J. Ec. Ent. 40:442, 1947.

SPRAY MATERIALS - LIME-SULFUR &

SULFUR (WETTABLE)

Borden, Oreg. St. Hort. Soc. R. 37:23-24, 1945.

Howard & Brooks, Cal. Ext. C. 117

rev.:35, 1947.

Lamlman & Smith, Cal. Ext. C. 103

rev.:68,74, 1947.

Watson, Fla. Grow. 53(8):14, 1945.

Wolfenbarger, Fla. R. f. 1946/47:249.

Wolfenbarger, Fla. St. Hort. Soc. P.

60:168, 1947.

SPRAY MATERIALS - LIME-SULFUR &

ZINC

Lewis, Cal. Citrog. 31:112, 1946.

- SPRAY MATERIALS - LIME-SULFUR & ZINC ARSENITE & NABAM**
Riedl & Harrison, Wyo. B. 271:18-20, 23, 1945.
- SPRAY MATERIALS - LIME-SULFUR (CONCENTRATE)**
Sherwood, W. Va. Ext. C. 320 rev.:41-43, 1946.
- SPRAY MATERIALS - LIME-SULFUR (CONCENTRATE) & OIL EMULSION**
Quaintance & Porter, USDA FB 1398 rev.:14,25, 1946.
- SPRAY MATERIALS - LIME-SULFUR (DRY)**
Childs et al., Oreg. Ext. B. 663:8-9, 1946.
Howard & Brooks, Cal. Ext. C. 117 rev.:44, 1947.
Sherwood, W. Va. Ext. C. 320 rev.:43, 1946.
Ohio B. 655:27, 1945.
- SPRAY MATERIALS - LIME-SULFUR (LIQUID)**
Childs et al., Oreg. Ext. B. 663:8, 1946.
Howard & Brooks, Cal. Ext. C. 117 rev.:44, 1947.
Lecrone, Okla. Ext. C. 108 rev.:13, 1946.
List, Colo. Farm B. 7(5):14, 1945.
Va. Ext. B. 131 rev.:32, 1947.
- SPRAY MATERIALS - LIME SULFUR (SOLUTION)**
Baker, U. S. Livestock Sanit. Assoc. P. 50:89, 1947.
- SPRAY MATERIALS - LINSEED OIL, see SPRAY MATERIALS - CALCIUM CYANIDE & LINSEED OIL; SPRAY MATERIALS - DDT & LINSEED OIL; SPRAY MATERIALS - LIME & LINSEED OIL; SPRAY MATERIALS - SOAP & LINSEED OIL**
- SPRAY MATERIALS - LORO, see SPRAY MATERIALS - LAURYL THIOCYANATE (LORO)**
- SPRAY MATERIALS - MAGNESIUM ARSENATE**
Hetrick, Va. B. 409:15-16,21, 1947.
Howard et al., USDA Misc. Pub. 526 rev.:18, 1945.
McKelvey et al., J. Ec. Ent. 40:477-479, 1947.
Price, Ky. Ext. C. 435:3, 1947.
- SPRAY MATERIALS - MAMEY SEED EXTRACT & KEROSENE**
Jardine et al., USDA OES R. f. 1944/45:63, 1946.
- SPRAY MATERIALS - MANNITAN MONOLAURATE & ROTENONE**
Neiswander, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:74, 1947.
Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 32:142, 1947.
Neiswander & Rodriguez, J. Ec. Ent. 40:420, 1947.
Rings, Ohio St. Univ. Abs. Doctoral Diss. 52:256,260, 1947.
- SPRAY MATERIALS - MERCURIC CHLORIDE**
Parks & King, Ohio Ext. B. 76 rev.:60, 1947.
- SPRAY MATERIALS - MERCURIC CHLORIDE--Continued.**
Talmage, Conn. Veg. Grow. Assoc. P. 34:83, 1946.
Whitcomb, Mass. B. 436:40, 1946; 441:37, 1947.
Mich. Ext. Folder F-84:6, 1945.
- SPRAY MATERIALS - MERCUROUS CHLORIDE**
Howard et al., USDA Misc. Pub. 526 rev.:19, 1945.
- SPRAY MATERIALS - METHASAN**
Sleesman & Wilson, Ohio B. 659:115, 1945.
- SPRAY MATERIALS - METHOXYCHLOR**
Brown et al., Can. Ent. 79:161,164-166, 1947.
Crowley et al., Wash. Ext. C. 73:1,3, 1947.
Cutright & Sutton, Ohio St. Hort. Soc. P. 100:63,65-66, 1947.
Holdaway et al., Hawaii R. f. 1944/46:63, 1947.
Hough & Hill, Va. R. f. 1946/47:32.
Lininger et al., Pa. B. 488:45, 1947.
List & Hoerner, J. Ec. Ent. 40:138, 1947.
Parker & Eshbaugh, J. Ec. Ent. 40:861-862,864, 1947.
Webster, Better Fruit 41(11):29, 1947.
Wilson & Sleesman, Ohio Veg. & Potato Grow. Assoc. P. 31:202,204, 207, 1946.
Yetter, J. Ec. Ent. 40:274-275, 1947.
- SPRAY MATERIALS - METHOXY-CHLOR - EFFECT ON SCALE POPULATIONS**
b Middlekauf et al., J. Ec. Ent. 40:442-444, 1947.
- SPRAY MATERIALS - METHOXY-CHLOR & BORDEAUX MIXTURE**
Sleesman, Veg. Grow. Assoc. Amer. Inc. R. 39:118, 1947.
Sleesman & Wilson, Ohio Veg. & Potato Grow. Assoc. P. 32:126, 1947.
- SPRAY MATERIALS - METHOXY-CHLOR & OIL**
Cutright & Sutton, Ohio St. Hort. Soc. P. 100:63,64,67, 1947.
O'Neill, Oreg. St. Hort. Soc. P. 39:64, 1947.
- SPRAY MATERIALS - METHYL NAPHTHALENES**
Tenhet, J. Ec. Ent. 38:450-451, 1945.
- SPRAY MATERIALS - MIXING**
Sorenson et al., Utah Ext. N. S. C. 127 rev.:8, 1945.
i U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:184-185,210-211,394-396, 1947.
- SPRAY MATERIALS - N5-D (PURATIZED)**
Sleesman & Wilson, Ohio B. 659:115, 1945.
- SPRAY MATERIALS - NNOR, see SPRAY MATERIALS - MANNITAN MONOLAURATE & ROTENONE**
- SPRAY MATERIALS - NABAM**
Bourne, Mass. B. 436:38-39, 1946.
Stoddard et al., Phytopathology 35:657, 1945. (Abs.)

- SPRAY MATERIALS - NABAM, see also**
SPRAY MATERIALS - LIME-SUL-
FUR & ZINC ARSENITE & NABAM
SPRAY MATERIALS - NAPHTHALENE &
OIL (DIESEL)
 de Gryse, Can. Lumberm. 65:60, 1945.
- SPRAY MATERIALS - NEW**
 Porter, Md. St. Hort. Soc. P. 47:10-
 15, 1945.
- SPRAY MATERIALS - NICO-MULSION,**
see SPRAY MATERIALS - NICO-
TINE & OIL MIXTURES (NICO-
MULSION)
- SPRAY MATERIALS - NICOSOL**
 Chandler, Ill. St. Hort. Soc. Trans. 78:
 127-133, 1945.
- SPRAY MATERIALS - NICOTINE**
 Ayars, Amer. Fruit Grow., 65(6):9,18-
 19, 1945.
 Botter & Bowen, USDA EPQ E-710,
 5 p., 1946.
 Brown et al., Can. Ent. 79:162,164-
 166, 1947.
 Chandler, Ill. B. 519:316-321, 1946.
 Chandler, Ill. St. Acad. Sci. Trans. 39.
 132-134, 1946.
 Chandler, Ill. St. Hort. Soc. Trans. 79.
 274-289, 1946.
 Cumming, Hardy Chrysanthemums
 rev. 128, 1945.
 Hamilton, J. Ec. Ent. 40:234-235, 1947.
 Jardine et al., USDA OES R. f. 1944/45
 64, 1946.
 Mills & Dewey, N. Y. (C.) Ext. B. 711.
 13-14, 54, 1947.
 Phillips & Cole, Fla. B. 411:59, 1945;
 rev. 57, 1947.
 Porter, Md. St. Hort. Soc. P. 47:12-13,
 1945.
 Powell et al., Ill. Ext. C. 568 rev.:14-
 16, 1946.
 Sherwood, W. Va. Ext. C. 320 rev.:38,
 1946.
 Williams, Conn. Ext. B. 377:16-17,
 1946.
 Ohio B. 655:30-31, 1945; 670:31-32,
 1947.
 Va. Ext. B. 131 rev.:35, 1947.
- SPRAY MATERIALS - NICOTINE, see**
also SPRAY MATERIALS - BOR-
DEAUX MIXTURE & NICOTINE;
SPRAY MATERIALS - DDT &
LEAD ARSENATE & NICOTINE;
SPRAY MATERIALS - DDT &
NICOTINE; SPRAY MATERIALS -
DDT (WETTABLE) & NICOTINE;
SPRAY MATERIALS - DINITRO &
NICOTINE; SPRAY MATERIALS -
LEAD ARSENATE & NICOTINE;
SPRAY MATERIALS - LIME &
NICOTINE; SPRAY MATERIALS -
SODIUM FLUORIDE & NICOTINE;
SPRAY MATERIALS - ZINC NICO-
TINE THIOCYANATES
- SPRAY MATERIALS - NICOTINE -**
SHORTAGES
 Persing, Cit. Leaves 25(3):9, 1945.
- SPRAY MATERIALS - NICOTINE -**
SYNERGISTS
 Siegler & Bowen, J. Ec. Ent. 40:576-
 577, 1947.
- SPRAY MATERIALS - NICOTINE &**
BENTONITE & OIL (TANK MIX)
 Gardiner, Can. Min. Agr. R. f.
 1944/45:58.
- SPRAY MATERIALS - NICOTINE &**
BENTONITE & OIL EMULSION
 Holdaway et al., Hawaii R. f. 1942/44:
 65-68, 1945.
- SPRAY MATERIALS - NICOTINE &**
KEROSENE
 Annand, USDA EPQ R. f. 1946/47:22.
 Garman, Conn. B. 501:81-82, 1946.
- SPRAY MATERIALS - NICOTINE & OIL**
 Annand, USDA EPQ R. f. 1946/47:22.
 Mills & Dewey, N. Y. (C.) Ext. B.
 711:35,49, 1947.
 Usinger, J. Ec. Ent. 39:287-289, 1946.
 N. J. Ext. Spray Calendar 17:9-10,
 1946.
 Va. Ext. B. 131 rev.:35-36, 1947.
- SPRAY MATERIALS - NICOTINE & OIL**
(SUMMER)
 Chandler, Ill. St. Hort. Soc. Trans.
 80:131, 1947.
- SPRAY MATERIALS - NICOTINE & OIL**
EMULSION
 Baker & Perron, Ent. Soc. Ont. R.
 75:26-29, 1945.
- SPRAY MATERIALS - NICOTINE & OIL**
MIXTURES (NICO-MULSION)
 Osorio, Control de Plagas 8 [i.e. 7]:
 67,82, 1945.
- SPRAY MATERIALS - NICOTINE &**
SOAP
 Bare, Neb. Ext. C. 1545:3, 1946.
 Connors, N. J. C. 493:8, 1945.
 English, Amer. Camellia YB 1:41,
 1946.
- SPRAY MATERIALS - NICOTINE vs.**
DDT
 Chandler, Amer. Assoc. Econ. Ent.
 N. Cent. Sts. Branch P. 25:77-78,
 1946.
- SPRAY MATERIALS - NICOTINE**
(FIXED)
 Chandler, Ill. St. Hort. Soc. Trans.
 80:180,185-187, 1947.
 Locrone, Okla. Ext. C. 108 rev.:8-9,
 1946.
 Parker & Lamerson, Kans. St. Hort.
 Soc. Bien. R. 48:68-75, 1945.
 Rasmussen et al., Mich. Ext. B. 154
 rev.:18, 1946.
 Sherwood, W. Va. Ext. C. 320 rev.:
 38,41, 1946.
 Wildon et al., Mich. Ext. B. 269:24,
 1945.
 Ohio B. 655:31, 1945; 670:32, 1947.
- SPRAY MATERIALS - NICOTINE**
(FIXED) & OIL (BUNKER)
 Gardiner, Can. Min. Agr. R. f.
 1945/46:69.
- SPRAY MATERIALS - NICOTINE**
(FIXED) & OIL (NON-REFINED)
 Gardiner, Can. Min. Agr. R. f.
 1944/45:58.
- SPRAY MATERIALS - NICOTINE**
(FIXED) COMPOUNDS
 Dean & Chapman, N. Y. (G.) B. 71f
 31-32, 1946.

SPRAY MATERIALS - NICOTINE (FREE)
Lange & Thwaites, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15-17, 1945.

SPRAY MATERIALS - NICOTINE (FREE) & KEROSENE

Garman, Conn. Pom. Soc. P. 55.22, 1946.

Slate, Conn. R. f. 1944/45:21.

SPRAY MATERIALS - NICOTINE BENTONITE

Baker & Porter, USDA EPQ E-637:1-3, 1945.

Baker et al., Wash. B. 497:41,45-46, 1947.

Bourne, Mass. B. 428:36, 1945.

Bourne, Mass. Ext. Fruit Notes, June 28, 1945:7.

Chandler, Ill. St. Hort. Soc. Trans. 78: 126-133, 1945.

Curry, N. Mex. R. 57:27-29, 1947?

Eyer & Enzie, N. Mex. B. 338:17, 1947.

Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:62.

Lininger et al., Pa. B. 480:41, 1946.

Marshall, Ind. R. 58:53, 1945; 59:63, 1946.

Marshall et al., Ind. Hort. Soc. Trans. 85:47-52, 1946.

Newcomer et al., J. Ec. Ent. 39:674-676, 1946.

Va. Ext. B. 131 rev.:35, 1947.

SPRAY MATERIALS - NICOTINE BENTONITE, see also SPRAY MATERIALS - DDT & NICOTINE BENTONITE, SPRAY MATERIALS - NICOTINE SULFATE & NICOTINE BENTONITE

SPRAY MATERIALS - NICOTINE BENTONITE & OIL

List & Newton, Colo. Farm B. 8(3):9-12, 1946.

Marshall et al., Ind. Hort. Soc. Trans. 86:23-25, 1947.

SPRAY MATERIALS - NICOTINE BENTONITE & OIL (SUMMER)

Armstrong, Ky. Fruit Notes 3(1):1, 1946.

Curry, N. Mex. R. 56:45, 1946?; 57: 28, 1947?

List, West. Colo. Hort. Soc. Trans. f. 1945:78, 1946.

SPRAY MATERIALS - NICOTINE BENTONITE & OIL EMULSION

Parker & Eshbaugh, J. Ec. Ent. 40: 862-864, 1947.

SPRAY MATERIALS - NICOTINE BENTONITE & RESIN SPREADER

Lange & Thwaites, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15, 1945.

SPRAY MATERIALS - NICOTINE BENTONITE & SUGAR

Ewart, Cal. Cit. Expt. Sta. News Let 29,1 p., 1946.

Richardson, Cal. Citrog. 30:215, 1945.

SPRAY MATERIALS - NICOTINE BENTONITE & SULFUR

Armstrong & Ritcher, Ky. Fruit Notes 3(1):4, 1946.

SPRAY MATERIALS - NICOTINE BENTONITE (TANK MIX)

Marshall, Ind. R. 58:53, 1945; 59:63, 1946.

Marshall et al., Ind. Hort. Soc. Trans. 85:47-52, 1946; 86:23-25, 1947.

SPRAY MATERIALS - NICOTINE BENTONITE MIXTURES

Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:61-62,64

Newcomb & Dean, J. Ec. Ent. 39 784-786, 1946.

SPRAY MATERIALS - NICOTINE COMPOUNDS

McGovran & Piquett, USDA EPQ E-682:9, 1946.

SPRAY MATERIALS - NICOTINE MIXTURES

Steiner et al., Ind. Hort. Soc. Trans. 84:27-38, 1945, 85 31-43, 1946. 86: 85-87,91,93,95-96, 1947.

SPRAY MATERIALS - NICOTINE SULFATE

Annand, USDA EPQ R. f. 1943/44:3.

Apple, Ill. Veg. Grow. B. 6(3):5, 1946

Baker & Perron, Ent. Soc. Ont. R. 75. 30-33, 1945.

Bourne, Mass. B. 436:39, 1946; 441 36, 1947.

Carruth & Hervey, J. Ec. Ent. 40 717, 1947.

Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:50,85, 1947.

Cox, J. Ec. Ent. 38:278-279, 1945, 40:195-198, 1947.

Dean & Chapman, N. Y. (G.) B. 716 23,26,28-32,38,40, 1946.

Fillinger, Kans. C. 235:41-42, 1946.

Fulton, N. C. TB 85:15-17, 1947.

Gardiner, Can. Min. Agr. R. f. 1946/47:83,86.

Garman, Conn. B. 501:76, 1946.

Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 71:4, 1947.

Hough & Hill, Va. R. f. 1946/47:30.

Lecrone, Okla. Ext. C. 108 rev.:8, 1946.

Lee, Profitable Poul. Mangt. rev.: 236-238, 1947.

Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev.:8-9, 1945.

Lininger et al., Pa. B. 475:30, 1945; 480:41, 1946.

b Matthyse, N. Y. (C.) B. 832:40,66, 1946.

Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:27, 1946.

Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:2, 1945.

Musser et al., S. C. Ext. C. 301:27, 36, 1947.

Newcomer, Wash. St. Hort. Assoc. P. 43:45-46, 1947.

Parks, Veg. Grow. Assoc. Amer. R. 37:116, 1945.

Plank & Winters, P. R. (Mayaguez) R. f. 1944:21, 1945.

Pyenson, J. Ec. Ent. 39:264, 1946.

Rasmussen et al., Mich. Ext. B. 154 rev.:22, 1945; rev.:23, 1946.

SPRAY MATERIALS - NICOTINE SULFATE--Continued.

- Severin, Hilgardia 17:587, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.'38, 1946.
 b Siegler & Hall, J. Ec. Ent. 40:723, 1947.
 Smith, Cal. Ext. C. 46 rev.:43, 1947.
 Thies, Mass. Ext. Fruit Notes, Dec. 30, 1946:3.
 Vorhies & Wehrle, Ariz. B. 203:37, 1946.
 Wallace, Conn. B. 501:90, 1946.
 Warner, Amer. For. 51:232, 1945.
 Watts, S. C. R. 59:161-162, 1947.
 Wildon et al., Mich. Ext. B. 269:24; 270:32; 271:48, 1945.
 Wolfenbarger, Fla. Ent. 28:82-83, 1946.
 Wolfenbarger, Fla. R. f. 1946/47:248-249.
 Wolfenbarger, Fla. St. Hort. Soc. P. 60:167,169, 1947.
 Ohio B. 655:31, 1945, 670:32, 1947.
 Oreg. C. Inform. 407:4, 1947.
 Va. Ext. B. 131 rev.'35, 1947.
SPRAY MATERIALS - NICOTINE SULFATE, see also SPRAY MATERIALS - BORDEAUX MIXTURE & NICOTINE SULFATE, SPRAY MATERIALS - CALCIUM ARSENATE & NICOTINE SULFATE; SPRAY MATERIALS - DDT & NICOTINE SULFATE, SPRAY MATERIALS - LEAD ARSENATE & LIME & NICOTINE SULFATE; SPRAY MATERIALS - LEAD ARSENATE (BASIC) & NICOTINE SULFATE; SPRAY MATERIALS - LIME-SULFUR & NICOTINE SULFATE
SPRAY MATERIALS - NICOTINE SULFATE - EFFECT ON BENEFICIAL INSECTS
 Lord, Can. Ent. 79:207, 1947.
SPRAY MATERIALS - NICOTINE SULFATE - TESTS
 Chapman et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:18, 1947.
SPRAY MATERIALS - NICOTINE SULFATE & AMMONIA (HOUSEHOLD)
 Vorhies & Wehrle, Ariz. B. 203:11-12, 45, 1946.
SPRAY MATERIALS - NICOTINE SULFATE & BENTONITE
 Haseman, Mo. B. 510:34, 1947.
SPRAY MATERIALS - NICOTINE SULFATE & BENTONITE & OIL (SUMMER)
 Gardiner, Can. Min. Agr. R. f. 1945/46: 69.
SPRAY MATERIALS - NICOTINE SULFATE & BORDEAUX MIXTURE
 Bissell & Firor, Ga. Ext. B. 501 rev.: 20, 1947.
 Bronson & Smith, J. Ec. Ent. 39:190, 192,194, 1946.
SPRAY MATERIALS - NICOTINE SULFATE & CORN SIRUP
 White, USDA EPQ E-642:5, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & DERRIS & OIL (MISCIBLE)
 Davis, Azaleas & Camellias for the Gard.:54-55, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & DERRIS & OIL EMULSION
 Baker & Perron, Ent. Soc. Ont. R. 75:30-33, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & FUNGICIDES
 Muncie & Morofsky, Mich. TB 204. 3-4,6,9-10,14,17-18,20, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & IMPERIAL SOAP SPRAY
 Russell, Horticulture 25:207, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & LETHANE

Fenton et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19.99, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & NICOTINE BENTONITE & OIL

Lange & Thwaits, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & OIL

Annand, USDA EPQ R. f. 1946/47:11.
 Baerg & Lincoln, Ark. Ext. C. 448 13-14, 1947.

Bissell & Firor, Ga. Ext. B. 501 rev.: 18, 1947.

Brower, J. Ec. Ent. 40:693-694, 1947.
 Fenton & Afanasiev, J. Ec. Ent. 39. 818, 1946.

Manson, Can. Dept. Agr. Div. Ent. Processed Pub. 35:2, 1945.

Mills & Dewey, N. Y. (C.) Ext. B. 711 7-8,16,53-54,71, 1947.

Musser et al., S. C. Ext. C. 301:25, 1947.

Phillips & Cole, Fla. B. 411:8,19,26, 29, 1945.

Sherwood, W. Va. Ext. C. 320 rev.. 41, 1946.

Smith, Cal. Ext. C. 46 rev.:40, 1947.
 Westcott, Sun-up 2(5):32, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & OIL (SUMMER)

Brann, N. Y. St. Hort. Soc. P. 92:175-176, 1947.

Cutright, Ohio Bimo. B. Farm & Home Res. 32:52, 1947.

Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1946:21-25; f. 1947:24,27.

Howard & Brooks, Cal. Ext. C. 117 rev.:72, 1947.

Martin & Bilsing, Tex. Pecan Grow. Assoc. P. 28 1947:45-47, 1947.

Walton, J. Ec. Ent. 40:392-393, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & OIL (WHITE) & SOAP
 Hoffmann et al., J. Ec. Ent. 40:230, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & OIL EMULSION

Baker & Perron, Ent. Soc. Ont. R. 75: 30-33, 1945.

Bissell & Firor, Ga. Ext. B. 501 rev.: 20, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & OIL EMULSION--Continued.

- Callenbach, Mont. Ext. Ser. A-47:2; A-49:2, 1945.
English, Amer. Camellia YB 1:41, 1946.
Forsyth, Mont. Ext. Ser. A-53:2, 1945.
Jones & Mote, Oreg. C. Inform. 374: 1, 1946.
Lamiman & Smith, Cal. Ext. C. 103 rev.:71,74, 1947.
Lange & Thwaits, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15, 1945.
Steinweden, Cal. Dept. Agr. B. 34:179, 1946.

SPRAY MATERIALS - NICOTINE SULFATE & OLEIC ACID & KEROSENE
Steinweden, Orchid Digest 9:265, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & PINE TAR SOAP

- Bourne, Mass. B. 428:38, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & RESIN FISH-OIL SOAP

- Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:50, 1946.

SPRAY MATERIALS - NICOTINE SULFATE & ROTENONE

- Baker et al., Wash. B. 497:46, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & SOAP

- Brierly & Smith, Flor. Exch. 105(11): 16, 1945.

- Campbell, R. I. R. 57:19, 1945.

- Cutright, Ohio Bimo. B. Farm & Home Res. 32:52, 1947.

- Davis, Amer. Nurseryman, 84(9):10, 44, 1946.

- Decker et al., Ill. Ext. C. 590:15, 1945.

- Garman, Conn. Pom. Soc. P. 55:170, 1946.

- Garner, Prod. of Tob.:293, 1946.

- Granovsky, Minn. Hort. 75:59, 1947.

- Howard & Rich, R. I. Misc. Pub. 29:6, 1946.

- Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 12, 1945.

- Lathrop, Maine Ext. B. 274 rev.:9,17-19, 1945.

- Lehker, Ind. Ext. B. 239 rev.:5-6, 1947.

- Lowry, Your Dog & Mine 64, 1947.

- Lyle, Miss. Farm Res. 8(6):1-2, 1945.

- Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:37, 1946.

- Muma, Neb. Ext. C. 1537:12, 1946.

- Parker, Kans. Bien. R. 13:66, 1946.

- Parks, Ohio Veg. & Potato Grow. Assoc. P. 31:116, 1946.

- Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:21.

- Pepper, Pa. Ext. C. 287:11, 1946.

- Price, Ky. Ext. C. 435:8, 1947.

- Quaintance & Porter, USDA FB 1398 rev.:16, 1946.

- Tauber, Iowa St. Hort. Soc. Trans. 82: 207, 1947.

- Weiss & St. George, USDA FB 1855 rev.:17, 1947.

- Westcott, Sun-up 1(8):31, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & SOAP--Continued.

- Wilkinson, Conn. Veg. Grow. Assoc. P. 34:25, 1946.

- Mich. Ext. Folder F-84:5, 1945.

- Va. Agr. Expt. Sta. Ent. Sect., Gard. Gossip 21(11):14, 1946.

SPRAY MATERIALS - NICOTINE SULFATE & SOAP & LYE

- Jacob et al., Cal. Ext. C. 116 rev.: 69, 1947.

SPRAY MATERIALS - NICOTINE SULFATE & SOAP (FISH-OIL)

- Bourne, Mass. B. 441:34, 1947.

- Bourne & Shaw, J. Ec. Ent. 40:429, 1947.

- Pepper, Pa. Veg. Grow. News 15(1): 59, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & SOAP (WHALE OIL)

- Morrison et al., Oreg. C. Inform. 393: 2, 1946.

SPRAY MATERIALS - NICOTINE SULFATE & SPRED-RITE

- Osorio, Control de Plagas 8 [i.e. 7]: 73, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & SUGAR

- Hoerner & Edmundson, J. Ec. Ent. 40:604-605, 1947.

- Lange & Thwaits, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15-17, 1945.

- Parker et al., Man. for Cit. Grow. ed. 3:51, 1947.

- White, USDA EPQ E-642:5, 1945.

SPRAY MATERIALS - NICOTINE SULFATE & SULFUR

- Mills & Dewey, N. Y. (C.) Ext. B. 711: 7-8,10,16, 1947.

SPRAY MATERIALS - NICOTINE SULFATE MIXTURES

- Connell & Beacher, Del. B. 265:21-24,27, 1947.

- Hamilton, N. Y. St. Hort. Soc. P. 92: 160,162, 1947.

- Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:61.

- Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 13, 1945.

- Mills & Dewey, N. Y. (C.) Ext. B. 711:13,25-26,35,38,44,47-49,51,56, 78,83-84, 1947.

- Osorio, Control de Plagas 8:155, 1946.

- Pierce, Tex. Pecan Grow. Assoc. P. 26:43-50, 1947.

SPRAY MATERIALS - NICOTINUM COMPOUNDS - TOXICITY TO INSECTS

- b Turner & Saunders, Conn. B. 512: 98-110, 1946.

SPRAY MATERIALS - NITRO KLEENUP, see SPRAY MATERIALS - DINITRO-O-CRESOL (NITRO KLEENUP)

SPRAY MATERIALS - NORNICOTINE - SYNERGISTS

- Siegler & Bowen, J. Ec. Ent. 40:576-577, 1947.

SPRAY MATERIALS - NORNICOTINE - TESTS

Bottger & Bowen, USDA EPQ E-710, 5 p., 1946.

SPRAY MATERIALS - OIL

- Annand, USDA EPQ R. f. 1945/46:13; f. 1946/47:23,44.
 Bobb, Va. Fruit 35(1):52-53, 1947.
 Brower, J. Ec. Ent. 40:693-694, 1947.
 Bushland, J. Ec. Ent. 39:345-346, 1946.
 Carver et al., Wash. Ext. B. 279 rev.: 6-11, 1945.
 Caryl & Johnston, Cal. Ext. C. 114 rev.:42-45, 1946.
 Chapman, N. Y. (G.) R. 63:22, 1945.
 Chapman, N. Y. St. Hort. Soc. P. 92: 184-188, 1947.
 Chapman, Pa. St. Hort. Assoc. P. 88. 74-82, 1947.
 bi Chapman & Pearce, Agr. Chem. 2 (3):17-20, (4):35-37, 1947.
 Childs et al., Oreg. Ext. B. 663.10-11, 16, 1946.
 Cutright & Sutton, J. Ec. Ent. 40:557-561, 1947.
 Cutright & Sutton, Ohio St. Hort. Soc. P. 100.55,57-60,62,64,69, 1947.
 Dean & Chapman, N. Y. (G.) B. 716. 16-23,40, 1946.
 Dorsey, J. Ec. Ent. 40:809-813, 1947.
 Downes, Victoria Nat. 2:140-141, 1946.
 Ebeling, Cal. Ext. C. 43 rev. 50-51, 1947.
 Eyer & Enzie, N. Mex. B. 338:15-17, 1947.
 Griffiths & Stearns, Fla. Ent. 30:1.3-8, 1947.
 Hockenyo, Soap & Sanit. Chem. 21(3): 109,115,117,141, 1945.
 Hough, Va. Fruit 35(1) 82-83, 1947.
 Howard et al., USDA Misc. Pub. 526 rev. 20-22, 1945.
 Jacobs, Chem. & Engin. News 25:2712, 1947.
 Lathrop et al., Maine Ext. B. 353:6, 1947.
 Millman, Better Fruit 41(8):40-41, 1947.
 Newcomb, Cal. Citrog. 32:210-212, 1947.
 Newcomer, Wash. St. Hort. Assoc. P. 43:23, 1947.
 Parker et al., Man. for Cit. Grow. ed. 3:40-41,43-45,47-48, 1947.
 Patton, Soap & Sanit. Chem. 21(3):109, 111,113,115, 1945.
 i Pearce & Chapman, N. Y. (G.) Farm Res. 13(2):1, 1947.
 Peterson, Peninsula Hort. Soc. Trans. 60:82-83, 1947.
 b Plummer & Shaw, J. Ec. Ent. 40: 499-504, 1947.
 Powell et al., Ill. Ext. C. 568 rev.:45-46, 1946.
 Sherwood, W. Va. Ext. C. 320 rev.:48-51, 1946.
 Slate et al., N. Y. (G.) C. 153 rev.:52, 1945.
 Stafford & Hinkley, Cal. C. 365:92, 1946.
 Talbert, Gen. Hort.:222, 1946.

SPRAY MATERIALS - OIL--Continued.

- Thompson, Fla. R. f. 1945/46:154-155.
 Trullinger et al., USDA OES R. f. 1945/46:115, 1947.
 Westcott, Sun-up 2(2):10,25, 1947.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:107-108, 1945.
 Williams, Conn. Ext. B. 377:13-14, 1946.
 Witman, Amer. Fruit Grow. 67(8):30, 1947.
 Woglum & Lewis, Cal. Citrog. 32:285, 306, 1947.
 b Yust et al., J. Ec. Ent. 39:822-823, 1946.
 Wash. Ext. B. 279 rev.:6-12, 1946, 279 rev.:11-12, 1947.
SPRAY MATERIALS - OIL - CHEMICAL PROPERTIES
 Overley, Wash. B. 470:88, 1945.
SPRAY MATERIALS - OIL - EFFECT ON CITRUS
 b Thompson & Sitesl, Citrus Ind. 26 (5):6-8,14, 1945.
SPRAY MATERIALS - OIL - INSPECTION
 Shaw et al., Wash. St. Dept. Agr. Ec. Poisons B. 6,3 p., 7,6 p., 1945, 8, 3 p., 9,6 p., 1946.
SPRAY MATERIALS - OIL - TOXICITY TESTS
 b Ebeling, J. Ec. Ent. 38:26-34, 1945.
SPRAY MATERIALS - OIL - VISCOSITY
 Gardiner, Can. Min. Agr. R. f. 1945/46:70.
SPRAY MATERIALS - OIL & XANTHONE
 Elde, Wash. St. Hort. Assoc. P. 42: 122,127, 1946.
SPRAY MATERIALS - OIL & WAX EMULSIONS
 Gardner, Mich. R. 58 in Mich. St. Bd. Agr. R. 84:219, 1946.
SPRAY MATERIALS - OIL, see also
SPRAY MATERIALS - BENZENE HEXACHLORIDE & BORDEAUX MIXTURE & OIL; SPRAY MATERIALS - BENZENE HEXACHLORIDE & OIL; SPRAY MATERIALS - BIS(p-CHLOROPHENOXO)METHANE & OIL; SPRAY MATERIALS - BORDEAUX MIXTURE & OIL; SPRAY MATERIALS - CALCIUM ARSENATE & OIL; SPRAY MATERIALS - CARBON DISULFIDE & OIL; SPRAY MATERIALS - CHLORDANE & OIL; SPRAY MATERIALS - COPPER & ZINC & OIL; SPRAY MATERIALS - CRYOLITE & OIL; SPRAY MATERIALS - CUBE & OIL; SPRAY MATERIALS - DDT & BENZENE HEXACHLORIDE & OIL; SPRAY MATERIALS - DDT & BORDEAUX MIXTURE & OIL; SPRAY MATERIALS - DDT & CUBE & OIL; SPRAY MATERIALS - DDT & LEAD ARSENATE & OIL; SPRAY MATERIALS - DDT & NICOTINE & OIL; SPRAY MATERIALS - DDT & OIL;

- SPRAY MATERIALS - OIL, see also--**
Continued.
- SPRAY MATERIALS - DDT & PYRETHRINS & OIL; SPRAY MATERIALS - DDT & PYRETHRUM & OIL; SPRAY MATERIALS - DERRIS & OIL; SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE & OIL; SPRAY MATERIALS - DINITRO COMPOUNDS & OIL; SPRAY MATERIALS - DINITRO-O-CRESOL & OIL; SPRAY MATERIALS - DINITRO-O-CYCLOHEXYLPHENOL & OIL; SPRAY MATERIALS - DIPHENYLAMINE & OIL, SPRAY MATERIALS - HYDROSPENTAMETHYLFLAVAN & OIL; SPRAY MATERIALS - LAURYL THIOCYANATE & OIL; SPRAY MATERIALS - LEAD ARSENATE & BORDEAUX MIXTURE & OIL; SPRAY MATERIALS - LEAD ARSENATE & NICOTINE SULFATE & OIL; SPRAY MATERIALS - LEAD ARSENATE & OIL; SPRAY MATERIALS - LEAD ARSENATE & SOAP & OIL; SPRAY MATERIALS - LEETHANE 440 & OIL; SPRAY MATERIALS - LIME-SULFUR & OIL; SPRAY MATERIALS - METHOXYCHLOR & OIL, SPRAY MATERIALS - NICOTINE & BENTONITE & OIL; SPRAY MATERIALS - NICOTINE & OIL; SPRAY MATERIALS - NICOTINE BENTONITE & OIL; SPRAY MATERIALS - NICOTINE SULFATE & BENTONITE & OIL; SPRAY MATERIALS - NICOTINE SULFATE & DERRIS & OIL; SPRAY MATERIALS - NICOTINE SULFATE & OIL; SPRAY MATERIALS - ORTHODICHLOROBENZENE & OIL (FUEL); SPRAY MATERIALS - PENTACHLOROPHENOL & OIL; SPRAY MATERIALS - PHENOTHIAZINE & LIME CASEIN & OIL; SPRAY MATERIALS - PYRETHRINS & OIL; SPRAY MATERIALS - PYRETHRUM & OIL; SPRAY MATERIALS - PYRETHRUM & THIOCYANATES & OIL, SPRAY MATERIALS - PYRETHRUM 20 EXTRACT & OIL; SPRAY MATERIALS - ROTENONE & OIL; SPRAY MATERIALS - SULFUR & OIL**
- SPRAY MATERIALS - OIL & CREOSOTE (CRUDE)**
DeGryse, Can. Lumberm. 65:60, 1945.
- SPRAY MATERIALS - OIL & VATSOL K**
Stafford, Cal. Olive Indus. News 2(1): 3, 1947.
- SPRAY MATERIALS - OIL (CRANKCASE)**
Alp & Pilchard, Ill. Ext. C. 452 rev.: 31, 1946.
- Becker, Mass. B. 436:42, 1946.
- SPRAY MATERIALS - OIL (DEODORIZED) - TESTS**
i Scoggin et al., Soap & Sanit. Chem. 22(4):149,151,153, 1946.
- SPRAY MATERIALS - OIL (DIESEL)**
Washburn, N. J. Mosq. Exterm. Assoc. P. 34:65-66, 1947.
- SPRAY MATERIALS - OIL (DIESEL) & PARADICHLOROBENZOL**
DeGryse, Can. Lumberm. 65:60, 1945
- SPRAY MATERIALS - OIL (FUEL)**
Becker, Mass. B. 436:42, 1946; 441. 40, 1947.
- Glendenning & Fulton, Sci. Agr. 28. 547-551, 1947.
- SPRAY MATERIALS - OIL (HOG)**
Moore, J. Parasit. 33:440, 1947.
- SPRAY MATERIALS - OIL (MISCIBLE)**
Alp & Pilchard, Ill. Ext. C. 452 rev.: 31, 1946.
- Cox, J. Ec. Ent. 38:278-279, 1945.
- Sherwood, W. Va. Ext. C. 320 rev.: 48, 1946.
- SPRAY MATERIALS - OIL (ORTHO-D)**
Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:161, 1946.
- SPRAY MATERIALS - OIL (SUMMER)**
Baker et al., Wash. B. 497:44, 1947.
- Chapman, N. Y. (G.) R. 64:31, 1946.
- Childs et al., Oreg. Ext. B. 664.11, 1946.
- Condit, Cal. Ext. C. 135:32, 1947.
- Hinrichs & Bleberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:64.
- Howard & Brooks, Cal. Ext. C. 117 rev.:58, 1947.
- Mills & Dewey, N. Y. (C.) Ext. B. 711: 32-33,73,87, 1947.
- Rasmussen et al., Mich. Ext. B. 154 rev.:22-23, 1946.
- Richardson, Iowa St. Hort. Soc. Trans 82:140, 1947.
- Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 61:2, 1947.
- Sherwood, W. Va. Ext. C. 320 rev.: 38-39, 1946.
- Stafford & Barnes, Cal. Univ. Div. Ent. & Parasit., Control of Fig Scale:2, 1947.
- Wildon et al., Mich. Ext. B. 269:25; 270:33, 1945.
- Va. Ext. B. 131 rev.:14, 1947.
- SPRAY MATERIALS - OIL (SUMMER) - EFFECT ON BENEFICIAL INSECTS**
Lord, Can. Ent. 79:207, 1947.
- SPRAY MATERIALS - OIL (SUNOCO)**
Cox, J. Ec. Ent. 40:195-198, 1947.
- SPRAY MATERIALS - OIL (VOLCK)**
Bourne & Shaw, J. Ec. Ent. 40:429, 1947.
- SPRAY MATERIALS - OIL (WHITE)**
Moore, J. Parasit. 33:440, 1947.
- Westcott, Sun-up 1(8):31, 1947.
- SPRAY MATERIALS - OIL EMULSION**
Annand, USDA EPQ R. f. 1943/44:3, 10.
- Baerg & Lincoln, Ark. Ext. C. 448: 13-14, 1947.
- Baker & Perron, Ent. Soc. Ont. R. 75: 30-33, 1945.
- Borden, Oreg. St. Hort. Soc. R. 37: 22, 1945.
- Chapman & Pearce, Agr. Chem. 2(4): 35-36, 1947.

SPRAY MATERIALS - OIL EMULSION-- Continued.

- Childs et al., Oreg. Ext. B. 664:12, 1946.
- Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:53-55, 1947.
- English, Amer. Camellia YB 1:41, 1946.
- Filinger, Kans. C. 235:42, 1946, 239:19, 1947.
- Garman & Townsend, Conn. B. 512:77, 1946.
- Hockey et al., N. S. Fruit Grow. Assoc. R. 82:84, 1945.
- Hough & Underhill, Va. R. f. 1946/47. 30.
- Jacob et al., Cal. Ext. C. 116 rev.:70, 1947.
- Jones et al., Oreg. C. Inform. 405.4, 1947.
- Lyle, Miss. Farm Res. 8(11):1, 1945.
- b Marcovitch & Stanley, Tenn. B. 195, 20-21, 1945.
- Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:11,16,32, 1946, 711 26-27,30, 32,37-38,47-50,52,71-73,75,86-87, 1947.
- Phillips & Cole, Fla. B. 411 rev.:57, 1947.
- Powell et al., Ill. Ext. C. 568 rev.:40-41, 1946.
- Redd, Fla. St. Hort. Soc. P. 58:108-116, 1945.
- Sherwood, W. Va. Ext. C. 320 rev.:48-51, 1946.
- Smith, Cal. Ext. C. 46 rev.:43, 1947.
- Thompson, Fla. St. Hort. Soc. P. 59 61-65, 1946.
- Thompson, Cit. Indus. 27(8):16-17,20-21, 1946; 28(8):5-7, 1947.
- Thompson, Fla. R. f. 1946/47:153-155.
- Watson, Fla. Grow. 54(1).14, 1946.
- Wolfenbarger, Fla. R. f. 1946/47:248.
- Wolfenbarger, Fla. Mango Forum P. 7:17-19, 1947.
- Wolfenbarger, Fla. St. Hort. Soc. P. 60:167, 1947.
- Wolfenbarger & Westgate, Fla. St. Hort. Soc. P. 59:123-124, 1946.
- Oreg. C. Inform. 407:4, 1947.
- SPRAY MATERIALS-- OIL EMULSION - DEPOSIT
- bi Redd, Citrus Ind. 26(6):6-7,9,11,14-15,22, 1945.
- SPRAY MATERIALS - OIL EMULSION - FILMS
- bi Felber, J. Agr. Res. 71:231-254, 1945.
- SPRAY MATERIALS - OIL EMULSION & SOAP
- Thompson, Ont. Dept. Agr. B. 355 rev.:31, 1947.
- SPRAY MATERIALS - OIL EMULSION & SODA (CAUSTIC)
- Howard & Brooks, Cal. Ext. C. 117 rev.:66, 1947.
- SPRAY MATERIALS - OIL EMULSION (COLD MIX)
- Sherwood, W. Va. Ext. C. 320 rev.:48-50, 1946.
- Va. Ext. B. 131 rev.:32-33, 1947.

SPRAY MATERIALS - OIL EMULSION (COMMERCIAL) & CAUSTIC SODA Lamiman & Smith, Cal. Ext. C. 103 rev.:72,74, 1947.

- SPRAY MATERIALS - OIL EMULSION (HOME-MADE)
- Graham et al., Md. Ext. B. 112:45-46, 1946.
- Hockey et al., N. S. Fruit Grow. Assoc. R. 82:84, 1945; 83:147, 1946; 84:160, 1947.
- SPRAY MATERIALS - OIL EMULSION (TANK-MIX)
- Chapman, Pa. St. Hort. Assoc. P. 88:76-77, 1947.
- Graham et al., Md. Ext. B. 112:45, 1946.
- Hockey et al., N. S. Fruit Grow. Assoc. R. 82:84-85, 1945; 83:147-148, 1946; 84:160, 1947.
- Sherwood, W. Va. Ext. C. 320 rev. 50-51, 1946.
- SPRAY MATERIALS - OIL MIXTURES
- Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:61,64.
- Overley, Wash. B. 470:87, 1945.
- Webster & O'Neill, Wash. B. 470:37, 1945.
- SPRAY MATERIALS - ORGANIC - TESTS
- b Brown et al., Can. Ent. 79:161-166, 1947.
- SPRAY MATERIALS - ORGANIC (SYNTHETIC)
- McGovran & Piquett, USDA EPQ E-682.2-7, 1946.
- SPRAY MATERIALS - ORTAZOL, see SPRAY MATERIALS - DINITRO-O-CRESOL
- SPRAY MATERIALS - ORTHODICHLOROBENZENE & OIL (FUEL)
- Annand, USDA EPQ R. f. 1944/45 20.
- Becker, Mass. B. 436 42, 1946, 441. 40, 1947.
- SPRAY MATERIALS - ORTHOPHENYL-PHENOL
- Bushnell & Twiehaus, Kans. B. 326:91, 1945.
- SPRAY MATERIALS - PARATHION
- Brannon et al., Wash. St. Hort. Assoc. P. 43:9-11, 1947.
- Childs, Oreg. St. Hort. Soc. P. 39:66-68, 1947.
- Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1947:24-25,27.
- Newcomer, Wash. St. Hort. Assoc. P. 43:20-23; 45-46, 1947.
- O'Neill, Oreg. St. Hort. Soc. R. 39. 64, 1947.
- Wolfenbarger, Fla. St. Hort. Soc. P. 60:167-168, 1947.
- SPRAY MATERIALS - PARATHION (THIOPHOS 3422)
- Borden & Madsen, Sunsweet Std. 31 (7):9, 1947.
- SPRAY MATERIALS - PARATHION (WETTTABLE)
- Anthon, Wash. St. Hort. Assoc. P. 43:194-195, 1947.
- SPRAY MATERIALS - PARIS GREEN
- Cumming, Hardy Chrysanthemums rev.:131, 1945.

- SPRAY MATERIALS - PARIS GREEN--**
Continued.
Holdaway et al., Hawaii R. f. 1942/44: 65-66, 1945.
i Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34:82-85, 1947.
- SPRAY MATERIALS - PARIS GREEN,**
see also **SPRAY MATERIALS - LEAD ARSENATE & LIME & PARIS GREEN; SPRAY MATERIALS - LIME & PARIS GREEN**
- SPRAY MATERIALS - PARIS GREEN & SUGAR (BROWN)**
Granovsky, Minn. Hort. 75:75, 1947.
Wildon, Mich. Sp. B. 222 rev.:20, 1946.
- SPRAY MATERIALS - PENETRATION, RETARDING**
i Eberling, J. Ec. Ent. 38:689-691, 1945.
- SPRAY MATERIALS - PENTACHLORO-PHENOL**
Hixson & Muma, J. Ec. Ent. 40:597, 1947.
Hixson & Muma, Neb. R. 60:56, 1947.
- SPRAY MATERIALS - PENTACHLORO-PHENOL & OIL**
McDaniel, Mich. Quart. B. 29:329, 1947.
Steiner, J. Ec. Ent. 38:118-119, 1945.
- SPRAY MATERIALS - PHENOL & KEROSENE**
Nisonger, in Davis et al., Livestock Enterprises rev.:428, 1946.
- SPRAY MATERIALS - PHENOL (CRUDE) & SOAP**
Thompson, Oreg. St. Hort. Soc. R. 38: 91, 1946.
- SPRAY MATERIALS - PHENOTHIAZINE**
Annand, USDA EPQ R. f. 1943/44:2.
Baker et al., Wash. B. 497:41,47-48, 50-51, 1947.
Brann, N. Y. St. Hort. Soc. P. 92:175, 1947.
Brown & Hurtig, J. Ec. Ent. 40:277, 1947.
Cox, J. Ec. Ent. 40:588-590, 1947.
Elde, Wash. St. Hort. Assoc. Proc. 41:58-59, 1945; 42:122,127, 1946.
b Marshall, Sci. Agr. 25:546-550, 1945.
Porter, Md. St. Hort. Soc. P. 47:13, 1945.
Porter, Pa. St. Hort. Assoc. P. 87:87-88, 1946.
Porter, USDA YB f. 1943/47:660.
Raffensperger, Md. St. Hort. Soc. P. 48:22-25, 1946.
Steiner, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:26, 1945.
Steiner, Down to Earth 1(1):14-15, 1945.
Steiner, Va. Fruit 34:135-136, 139-143, 146-153, 1946.
- SPRAY MATERIALS - PHENOTHIAZINE,**
see also **SPRAY MATERIALS - LEAD ARSENATE & PHENOTHIAZINE**
- SPRAY MATERIALS - PHENOTHIAZINE & LIME & CASEIN & OIL (STOVE)**
Marshall, Sci. Agr. 25:548, 1946.
Robertson, B. C. Dept. Agr. R. 40: V52, 1946.
- SPRAY MATERIALS - PHENOTHIAZINE & SODIUM LAURYL SULFATE**
Brannon, J. Ec. Ent. 38:400, 1945.
- SPRAY MATERIALS - PHENOTHIAZINE (MICRONIZED)**
Gardner, Can. Min. Agr. R. f. 1945/46:68-69.
- SPRAY MATERIALS - PHENOTHIAZINE (MICRONIZED) & OIL**
Gardner, Can. Min. Agr. R. f. 1944/45:58.
- SPRAY MATERIALS - PHENOTHIAZINE (MICRONIZED) MIXTURES**
Murray, B. C. Ent. Soc. P. 43:37, 1947.
- SPRAY MATERIALS - PHOSPHOROUS COMPOUNDS, ORGANIC**
Ludvik & Decker, J. Ec. Ent. 40:97-100, 1947.
- SPRAY MATERIALS - PIPERINE**
Crowley, Wash. B. 470:93, 1945.
- SPRAY MATERIALS - PIPERONYL BUTOXIDE**
Kelsheimer, Fla. St. Hort. Soc. P. 60: 123, 1947.
- SPRAY MATERIALS - PIPERONYL BUTOXIDE,** see also **SPRAY MATERIALS - DDT & PYRETHRINS & PIPERONYL BUTOXIDE; SPRAY MATERIALS - PYRETHRINS & PIPERONYL BUTOXIDE; SPRAY MATERIALS - PYRETHRUM & PIPERONYL BUTOXIDE**
- SPRAY MATERIALS - PIPERONYL COMPOUNDS,** see **SPRAY MATERIALS - PIPERINE; SPRAY MATERIALS - PIPERONYL BUTOXIDE; SPRAY MATERIALS - PIPERONYL CYCLONENE**
- SPRAY MATERIALS - PIPERONYL CYCLOHEXENONE,** see **SPRAY MATERIALS - PIPERONYL CYCLONENE**
- SPRAY MATERIALS - PIPERONYL CYCLONENE**
Kelsheimer, Fla. St. Hort. Soc. P. 60: 123, 1947.
- SPRAY MATERIALS - PIPERONYL CYCLONENE,** see **SPRAY MATERIALS - PYRETHRINS & PIPERONYL CYCLONENE; SPRAY MATERIALS - PYRETHRUM & PIPERONYL CYCLONENE**
- SPRAY MATERIALS - POTASSIUM SULFIDE**
Westbrook, Ga. Ext. B. 523:42, 1945.
- SPRAY MATERIALS - PYRENONE 20,** see **SPRAY MATERIALS - PYRETHRINS & PIPERONYL CYCLONENE**
- SPRAY MATERIALS - PYRETHRINS**
Brown et al., Can. Ent. 79:161-165, 1947.
Glasgow & Collins, J. Ec. Ent. 39: 237-240, 1946.
- SPRAY MATERIALS - PYRETHRINS,** see also **SPRAY MATERIALS - DDT & PYRETHRINS; SPRAY MATERIALS - DDT & ROTEONE & PYRETHRINS**

- SPRAY MATERIALS - PYRETHRINS - SYNERGISTS & ACTIVATORS**
b Wachs, Science 105:530-531, 1947.
- SPRAY MATERIALS - PYRETHRINS - TOXICITY TO INSECTS**
bi Gunther, J. Ec. Ent. 40:878-882, 1947.
- SPRAY MATERIALS - PYRETHRINS & KEROSENE**
Hoskins & Caldwell, Soap & Sanit. Chem. 23(4):144,161,163,165,167, 1947.
- SPRAY MATERIALS - PYRETHRINS & OIL (HOG)**
Moore, J. Parasit. 33:440, 1947.
- SPRAY MATERIALS - PYRETHRINS & PIPERONYL BUTOXIDE**
Dove, Pest Control & Sanit. 2(10):16-17,22, 1947.
b McAlister et al., J. Ec. Ent. 40:906-909, 1947.
- SPRAY MATERIALS - PYRETHRINS & PIPERONYL BUTOXIDE - RESIDUAL EFFECTS**
Fay et al., J. Ec. Ent. 40:635-638,640, 1947.
- SPRAY MATERIALS - PYRETHRINS & PIPERONYL CYCLONENE**
Hamilton, J. Ec. Ent. 40:236, 1947.
Kulash, J. Ec. Ent. 40:641-643, 1947.
- SPRAY MATERIALS - PYRETHRINS & PIPERONYL CYCLONENE - RESIDUAL EFFECTS**
Fay et al., J. Ec. Ent. 40:635-638,640, 1947, Erratum 40:909, 1947.
- SPRAY MATERIALS - PYRETHROL 20, see SPRAY MATERIALS - PYRETHRUM (PYRETHROL 20)**
- SPRAY MATERIALS - PYRETHRUM**
Ahlgren, N. J. B. 724:25, 1946.
Bishopp & Henderson, USDA Leaf. 182 rev..5, 1946.
Crowley et al., Wash. Ext. C. 73 rev. 1,3, 1947.
Fisher, Natl. Butter & Cheese J. 38(8):92, 1947.
Graham & Cory, Md. St. Hort. Soc. P. 49:26, 1947.
Gray, Pests 13(11):28, 1945.
Knipe, Agr. Engin. 26:459, 1945.
McGovran & Gersdorff, Soap & Sanit. Chem. 21(12):165,169, 1945.
Matthysse, N. Y. (C.) B. 832:57-58, 1946.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:2, 1945.
Parker, Food Indus. 18:333-334, 1946.
Scott & Scott, Chrysanthemums for Pleasure:16,27-28, 1947.
Tower, Maine For. Serv. C. 7:5-6,8, 1947.
Wildon et al., Mich. Ext. B. 269:25; 270:32; 271:48, 1945.
Va. Ext. B. 131 rev.:38, 1947.
- SPRAY MATERIALS - PYRETHRUM, see also SPRAY MATERIALS - DDT & PYRETHRUM; SPRAY MATERIALS - DERRIS & PYRETHRUM**
- SPRAY MATERIALS - PYRETHRUM - SYNERGISTS & ACTIVATORS**
Conklin et al., N. H. B. 372:30-31, 1947.
- SPRAY MATERIALS - PYRETHRUM - SYNERGISTS & ACTIVATORS**
Haller, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:71, 1946.
b Prill & Synerholm, Boyce Thompson Inst. Contrib. 14:221-227, 1946.
b Prill et al., Boyce Thompson Inst. Contrib. 14:397-403, 1947.
Twinn, Sci. Agr. 27:101, 1947.
- SPRAY MATERIALS - PYRETHRUM - TOXICITY**
Gersdorff & McGovran, Soap & Sanit. Chem. 21(11):117,121, 1945.
- SPRAY MATERIALS - PYRETHRUM & KEROSENE**
Hirsch, Water & Sewage Works 93: 249, 1946.
- SPRAY MATERIALS - PYRETHRUM & LIQUID SPREADER**
Lange & Thwaites, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15, 1945.
- SPRAY MATERIALS - PYRETHRUM & OIL**
Annand, USDA EPQ R. f. 1946/47.7.
Ebeling, Cal. Ext. C. 43 rev.:46-47, 1947.
Gray, Northw. Mill. Mill. Prod. Sect. 229(10):3a, 1947.
b Harries et al., J. Agr. Res. 71:553-565, 1945.
Jacob et al., Cal. Ext. C. 116 rev.:68, 1947.
Manson, Can. Dept. Agr. Div. Ent. Processed Pub. 35:2, 1945.
Mimms & Zaumeyer, USDA FB 1996: 42, 1947.
Smallman, Wallerstein Lab. Commun. 8:165, 1945.
Stahl & Thomas, USDA EPQ E-632:5-6, 1945.
Tenhet, J. Ec. Ent. 38:450-451, 1945; 40:910-911, 1947.
Tenhet, USDA EPQ E-717,5 p., 1947.
Usinger, J. Ec. Ent. 39:287-289, 1946.
White, USDA EPQ E-642:7, 1945.
- SPRAY MATERIALS - PYRETHRUM & OLEIC ACID & KEROSENE**
Steinweden, Orchid Digest 9:265, 1945
- SPRAY MATERIALS - PYRETHRUM & PIPERONYL BUTOXIDE & OIL (HOG)**
bi Moore, J. Parasit. 33:439-443, 1947.
- SPRAY MATERIALS - PYRETHRUM & PIPERONYL CYCLONENE**
Hamilton, N. Y. St. Hort. Soc. P. 92: 160,162, 1947.
Knippling, Natl. Malar. Soc. J. 5:114-115, 1946.
Madden et al., J. Ec. Ent. 40:122-123, 1947.
- SPRAY MATERIALS - PYRETHRUM & ROTENONE**
Creighton & Dennis, J. Ec. Ent. 40: 912, 1947.
Crowley et al., Wash. Ext. C. 73 rev.: 1,3, 1947.
- SPRAY MATERIALS - PYRETHRUM & ROTENONE (RESIN EMULSION)**
Bromley, J. Ec. Ent. 40:237, 1947.

- SPRAY MATERIALS - PYRETHRUM & ROTENONE MIXTURE (STYX)**
Bromley, N. Y. Ent. Soc. J. 55:208, 1947.
- SPRAY MATERIALS - PYRETHRUM & TERPINOL DIACETATE**
Pierpont, J. Ec. Ent. 38:123-124, 1945.
- SPRAY MATERIALS - PYRETHRUM & THIOCYANATES & OIL**
Schwing, Cal. Dept. Agr. B. 33:237-238, 1945.
- SPRAY MATERIALS - PYRETHRUM (PYRETHROL 20)**
Rice et al., Soap & Sanit. Chem. 21(3): 121,146, 1945.
- SPRAY MATERIALS - PYRETHRUM (VAPONA)**
Jones et al., J. Ec. Ent. 39:772-774, 1946.
- SPRAY MATERIALS - PYRETHRUM EXTRACTS**
b Barthel et al., Soap & Sanit. Chem. 22(3):129,131, 1946.
- SPRAY MATERIALS - PYRETHRUM EXTRACTS - ANALYSIS**
b Barthel et al., Soap & Sanit. Chem. 22(3):129,131, 1946.
- SPRAY MATERIALS - PYRETHRUM EXTRACTS - TOXICITY**
Gersdorff, Soap & Sanit. Chem. 22(3): 126-127, 1946.
- SPRAY MATERIALS - PYRETHRUM EXTRACTS & ROTENONE EXTRACTS & CRYOLITE**
Lange & Thwaits, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15, 1945.
- SPRAY MATERIALS - PYRETHRUM EXTRACTS & VATSOL**
Gilbertson, Amer. J. Pub. Health 35: 264-266, 1945.
- SPRAY MATERIALS - PYRETHRUM 20 EXTRACTS & OIL**
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:21, 1945
- SPRAY MATERIALS - PYROPHYLLITE, see SPRAY MATERIALS - DDT & BORDEAUX MIXTURE & PYROPHYLLITE, SPRAY MATERIALS - DDT & PYROPHYLLITE**
- SPRAY MATERIALS - QUASSIA & SOAP (WHALE OIL)**
Morrison et al., Oreg. C. Inform. 393: 2, 1946.
- SPRAY MATERIALS - RHOTHANE D-3, see SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE**
- SPRAY MATERIALS - RIVICOL, see SPRAY MATERIALS - CHLORDANE EMULSION (RIVICOL)**
- SPRAY MATERIALS - ROTENONE**
Baker & Perron, Ent. Soc. Ont. R. 75: 24-29, 1945.
Bourne, Mass. B. 428:36, 1945.
Brown et al., Can. Ent. 79:162,165, 1947.
Cuff, Down to Earth 3(2):4, 1947.
Cutright & Sutton, J. Ec. Ent. 40:560-561, 1947.
Eide, Wash. St. Hort. Assoc. Proc. 41: 57-61, 1945.
Gentry, Vet. Med. 42:186, 1947.
- SPRAY MATERIALS - ROTENONE --Continued.**
Hamilton, J. Ec. Ent. 40:235-236, 1947.
Howard & Brooks, Cal. Ext. C. 117 rev.:65, 1947.
Knowlton & Sorenson, Utah Ext. N.S. C. 142:3, 1946.
McKelvey et al., J. Ec. Ent. 40:477-479, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711: 57, 1947.
bi Mills et al., Mont. B. 437:12-15, 1946.
Mundinger, N. Y. (G.) R. 65:16, 1947.
Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 30:43, 1945.
Newcomer, Wash. St. Hort. Assoc. P. 43:23, 1947.
Parker, Food Indus. 18:333, 1946.
Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:21.
Rowell, East. Breed 7(9):43, 1946.
Scott & Scott, Chrysanthemums for Pleasure:15,17,25-28, 1947.
Shull, Krafts. Prod. Ed. 3(2):14-15, 1945.
Shull et al., Ida. Ext. C. 88:3-4, 1945.
Simms, USDA BAI R. f. 1946/47:53.
Smith, Colo. Est. B. 389-A 33, 1946.
Spencer, Neb. Cattle. 1(6):13, 1945.
Squibb, J. Anim. Sci. 4:292-296, 1945.
Thompson, Ont. Dept. Agr. R. f. 1945/46:120.
Vorhies & Wehrle, Ariz. B. 203:25,45, 1946.
Weaver et al., S. Dak. Ext. Leaf. 102: 4,7, 1946. (Repr.)
Wildon et al., Mich. Ext. B. 269:24-25; 270:33, 1945.
Inst. Inter-Amer. Aff. Food Supply Div. Month. R., July 1947:2-3.
Natl. Livestock Loss Prev. Bd., Cattle Grubs Must Go:13-15, 1945.
Va. Ext. B. 131 rev.:38, 1947.
- SPRAY MATERIALS - ROTENONE, see also SPRAY MATERIALS - BORDEAUX MIXTURE & ROTENONE; SPRAY MATERIALS - CUBE; SPRAY MATERIALS - DDT & PYRETHRINS & ROTENONE; SPRAY MATERIALS - DDT & PYRETHRUM & ROTENONE; SPRAY MATERIALS - DDT & ROTENONE; SPRAY MATERIALS - DDT (WET-TABLE) & ROTENONE; SPRAY MATERIALS - DERRIS; SPRAY MATERIALS - LEAD ARSENATE & ROTENONE; SPRAY MATERIALS - MANNITAN MONOLAU-RATE & ROTENONE; SPRAY MATERIALS - NICOTINE SULFATE & ROTENONE; SPRAY MATERIALS - PYRETHRUM & ROTENONE**
- SPRAY MATERIALS - ROTENONE & B-1956**
Hartzell & Gambrell, N. Y. (G.) Farm Res. 12(4):9, 1946.
- SPRAY MATERIALS - ROTENONE & COPPER SULFATE (BASIC)**
Reiner et al., Maine B. 438:539, 1945.

- SPRAY MATERIALS - ROTENONE & DERRIS RESINATES**
 Wolfenbarger, Fla. St. Hort. Soc. P. 60:167,169, 1947.
- SPRAY MATERIALS - ROTENONE & DERRIS RESINATES (SYNTONE) & FERMATE**
 Dominick, Va. B. 406.4, 1947.
 Wolfenbarger, Fla. St. Hort. Soc. P. 60.168, 1947.
- SPRAY MATERIALS - ROTENONE & KEROSENE**
 DeBach, J. Ec. Ent. 39:821, 1946.
- SPRAY MATERIALS - ROTENONE & MOLASSES**
 Oreg. C. Inform. 407.3, 1947.
- SPRAY MATERIALS - ROTENONE & OIL**
 Cutright & Sutton, Ohio St. Hort. Soc. P. 100.64,67-68, 1947.
 Ebeling, Cal. Citrog. 164,193, 1945.
 Ebeling, Cit. Leaves 25(4):18,22, 1945.
 Ebeling, J. Ec. Ent. 38 556,561,563, 1945.
 Eide, Wash. St. Hort. Assoc. P. 42 121,124, 1946.
 Lindgren et al., J. Ec. Ent. 38:567-572, 1945.
 Pohlman, Natl. Provisioner 116(8):31, 1947.
 Stafford & Hinkley, Cal. C. 385:91-93, 1946.
 Usinger, J. Ec. Ent. 38:589-591, 1945, 39:287-289, 1946.
 Oreg. C. Inform. 407.3, 1947.
- SPRAY MATERIALS - ROTENONE & OIL & VISKO**
 O'Neill, Oreg. St. Hort. Soc. R. 39:63, 1947.
- SPRAY MATERIALS - ROTENONE & OIL (SUMMER)**
 Newcomer, Wash. St. Hort. Assoc. P. 43:45-46, 1947.
- SPRAY MATERIALS - ROTENONE & OIL (TANK MIX)**
 Borden, in Cal. Agr. Expt. Sta., Invest with DDT in Cal. 1944:18, 1945.
- SPRAY MATERIALS - ROTENONE & OIL EMULSION**
 Holdaway et al., Hawaii R. f. 1942/44: 65-66, 1945.
- SPRAY MATERIALS - ROTENONE & OLEIC ACID & KEROSENE**
 Steinweden, Orchid Digest 9:265, 1945.
- SPRAY MATERIALS - ROTENONE & ROSIN EMULSION**
 Hadley, USDA EPQ E-727:5, 1947.
- SPRAY MATERIALS - ROTENONE & SKIMMILK POWDER**
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:27,31, 1947.
- SPRAY MATERIALS - ROTENONE & SOAP & TANNIC ACID**
 Baker et al., Wash. B. 497:42, 1947.
- SPRAY MATERIALS - ROTENONE & SODIUM OLEYL SULFATE**
 Borden, in Cal. Agr. Expt. Sta., Invest with DDT in Cal. 1944:18, 1945.
 Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 12, 1945.
- SPRAY MATERIALS - ROTENONE & SULFUR**
 Baerg & Lincoln, Ark. Ext. C. 448. 10, 1947.
 Hixson, Okla. Ext. C. 387 rev.:10,15, 27, 1946.
 Leffert, West. Livestock J. 24(17):42, 1946.
 b Matthyse, N. Y. (C.) B. 832:40,62, 1946.
- SPRAY MATERIALS - ROTENONE & SULFUR (WETTABLE)**
 Muma & Derrick, Neb. Ext. CC 93:1, 1947.
 Painter, Can. Cattleman. 7:164-165, 1945.
 Schwardt, N. Y. (C.) R. 59:120, 1947.
- SPRAY MATERIALS - ROTENONE (SPYDERTOX)**
 Garman & Townsend, Conn. B. 512. 76-78, 1946.
- SPRAY MATERIALS - ROTENONE (TUBACIDE)**
 Ditman, J. Ec. Ent. 39:221-222, 1946.
- SPRAY MATERIALS - ROTENONE COMPOUNDS**
 Rings, Ohio St. Univ. Abs. Doctoral Diss. 52.258,260, 1947.
- SPRAY MATERIALS - ROTENONE EMULSION**
 b Hixson & Muma, J. Ec. Ent. 40:451, 1947.
 Hixson & Muma, Neb. R. 60:55, 1947.
- SPRAY MATERIALS - ROTENONE MIXTURES**
 Buchanan, Wash. B. 482:48, 1946.
- SPRAY MATERIALS - RYANEX**
 Gould, Food Packer 27(6):68-70, 1946.
 Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[15], 1946.
 Hough & Hill, Va. R. f. 1946/47:32.
 Marcovitch & Stanley, Tenn. R. 58: 114, 1946.
 Polivka, Ohio B. 673:77, 1947.
 b Wheeler, J. Ec. Ent. 38:281-282, 1945.
 Wheeler & La Plante, N. Y. (G.) R. 65:18, 1947.
- SPRAY MATERIALS - RYANEX, see also SPRAY MATERIALS - BOR-DEAUX MIXTURE & RYANEX**
- SPRAY MATERIALS - RYANIA**
 Gould, Ind. R. 59:12, 1946.
- SPRAY MATERIALS - RYANIA EMULSION**
 Poos et al., J. Ec. Ent. 40:901-902, 1947.
- SPRAY MATERIALS - SALP, see SPRAY MATERIALS - SODIUM ANTIMONY LACTOPHENATE**
- SPRAY MATERIALS - SABACIDE, see SPRAY MATERIALS - SABADILLA (SABACIDE)**
- SPRAY MATERIALS - SABADILLA**
 Gardiner, Can. Min. Agr. R. f. 1946/47:83.
 Lininger et al., Pa. B. 488:28, 1947.
 Snapp, Ind. Hort. Soc. Trans. 86:99-100, 1947.
 Snapp, J. Ec. Ent. 40:135-136, 1947.
 Tate & Gates, Neb. R. 59:58, 1946.

- SPRAY MATERIALS - SABADILLA--**
Continued.
Watts, S. C. R. 59:161-163, 1947.
- SPRAY MATERIALS - SABADILLA & KEROSENE**
Jardine et al., USDA OES R. f. 1944/45:63, 1946.
- SPRAY MATERIALS - SABADILLA (SAB-ACIDE)**
Cox, J. Ec. Ent. 40:195, 197-198, 1947.
- SPRAY MATERIALS - SELENIUM (SELOCIDE)**
O'Neill, Oreg. St. Hort. Soc. R. 39:63, 1947.
- SPRAY MATERIALS - SELOCIDE, see SPRAY MATERIALS - SELENIUM (SELOCIDE)**
- SPRAY MATERIALS - SMACK**
Polivka, Ohio B. 673:77, 1947.
- SPRAY MATERIALS - SOAP**
Howard et al., USDA Misc. Pub. 526 rev.:32-33, 1945.
Leffingwell & Lesser, Pests 13(8):10, 1945.
Lincoln, Ark. Ext. C. 438:13, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 711:84, 1947.
Vorhies & Wehrle, Ariz. B. 203:12-13, 1946.
- SPRAY MATERIALS - SOAP & KEROSENE**
Jennings, R. I. Misc. Pub. 26:18, 1945.
- SPRAY MATERIALS - SOAP & LINSEED OIL**
Thompson, Ont. Dept. Agr. B. 449:10, 1947.
- SPRAY MATERIALS - SODIUM ANTIMONY LACTOPHENATE - TESTS**
Ray, Can. Flor. 40:23, 1945.
- SPRAY MATERIALS - SODIUM DINITRO-O-CRESYLATE (ELGETOL)**
Mills & Dewey, N. Y. (C.) Ext. B. 711:47, 50, 88, 1947.
Pickett et al., Sci. Agr. 26:598, 1946.
Powell et al., Ill. Ext. C. 568 rev.:44, 1946.
Sherwood, W. Va. Ext. C. 320 rev.:54, 1946.
- SPRAY MATERIALS - SODIUM FLUORIDE & NICOTINE**
Annand, USDA EPQ R. f. 1943/44:21.
- SPRAY MATERIALS - SODIUM FLUOSILICATE**
Hetrick, J. Ec. Ent. 39:268-269, 1946.
Hetrick, Va. B. 409:15-17, 21, 1947.
- SPRAY MATERIALS - SODIUM FLUOSILICATE, see also SPRAY MATERIALS - CALCIUM CYANAMID & SODIUM FLUOSILICATE**
- SPRAY MATERIALS - SODIUM LAURYL SULFATE**
Bare, Neb. Ext. C. 1545:3, 1946.
- SPRAY MATERIALS - SODIUM LAURYL SULFATE, see also SPRAY MATERIALS - BORAX (POWDERED) & SODIUM LAURYL SULFATE; SPRAY MATERIALS - DDT & SODIUM LAURYL SULFATE; SPRAY MATERIALS - HEXAETHYL TETRAPHOSPHATE & SODIUM LAURYL SULFATE;**
- SPRAY MATERIALS - SODIUM LAURYL SULFATE, see also--Continued.**
- SPRAY MATERIALS - LIME-SULFUR & SODIUM LAURYL SULFATE; PHENOTHIAZINE & SODIUM LAURYL SULFATE**
- SPRAY MATERIALS - SODIUM SILICO-FLUORIDE, see SPRAY MATERIALS - SODIUM FLUOSILICATE**
- SPRAY MATERIALS - SPYDERTOX, see SPRAY MATERIALS - ROTENONE (SPYDERTOX)**
- SPRAY MATERIALS - SULFUR**
Armstrong & Ritcher, Ky. Fruit Notes 3(1):4, 1946.
Baker, U. S. Livestock Sanit. Assoc. P. 50:89-90, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/46:71.
Hamilton & Mack, N. Y. St. Hort. Soc. P. 91:158-159, 1946.
Mills & Dewey, N. Y. (C.) Ext. B. 711:79-80, 1947.
Neiswander & Rodriguez, J. Ec. Ent. 40:420, 1947.
Pickett, N. S. Fruit Grow. Assoc. R. 83:29-30, 1946.
Powell et al., Ill. Ext. C. 568 rev.:46-47, 1945.
Sherwood, W. Va. Ext. C. 320 rev.:41-44, 1946.
Swartwout & Martin, Mo. Ext. C. 506 rev.:8, 1945.
- SPRAY MATERIALS - SULFUR, see also**
- SPRAY MATERIALS - BENZENE HEXACHLORIDE; SPRAY MATERIALS - BORDEAUX MIXTURE & SULFUR; SPRAY MATERIALS - CUBE & SULFUR; SPRAY MATERIALS - DDT & LEAD ARSENATE & SULFUR; SPRAY MATERIALS - DDT & SULFUR; SPRAY MATERIALS - DERIS & SULFUR, SPRAY MATERIALS - DINITRO-O-CYCLOHEXYL-PHENOL & SULFUR; SPRAY MATERIALS - LEAD ARSENATE & DN-111 & SULFUR; SPRAY MATERIALS - LEAD ARSENATE & FERMATE & SULFUR; SPRAY MATERIALS - LEAD ARSENATE & NICOTINE SULFATE & SULFUR; SPRAY MATERIALS - LEAD ARSENATE & SULFUR; SPRAY MATERIALS - LEAD ARSENATE (BASIC) & LIME & SULFUR; SPRAY MATERIALS - LEAD ARSENATE (BASIC) & SULFUR; SPRAY MATERIALS - LIME & SULFUR; SPRAY MATERIALS - LIME-SULFUR & SULFUR; SPRAY MATERIALS - NICOTINE BEN-TONITE & SULFUR; SPRAY MATERIALS - NICOTINE SULFATE & SULFUR; SPRAY MATERIALS - ROTENONE & SULFUR; SPRAY MATERIALS - ZINC NICOTINE THIOCYANATE & SULFUR**
- SPRAY MATERIALS - SULFUR - EFFECT ON ORCHARD FAUNA**
Pickett et al., Sci. Agr. 26:594-600, 1946.

- SPRAY MATERIALS - SULFUR & CRYO-LITE**
b Brannon, J. Ec. Ent. 38:102, 1945.
- SPRAY MATERIALS - SULFUR & OIL**
Brannon et al., Wash. St. Hort. Assoc. P. 43:9, 1947.
- SPRAY MATERIALS - SULFUR & SOAP**
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:3, 1945.
- SPRAY MATERIALS - SULFUR (ELEMENTAL) - EFFECT ON YIELD**
b Mills, N. Y. (C.) M. 273.38 p., 1947.
- SPRAY MATERIALS - SULFUR (WET-TABLE)**
Armstrong & Ritcher, Ky. Fruit Notes 3(1):4, 1946.
Bobb, Va. Fruit 35(1).49, 1947.
Breakay & Brannon, Wash. Ext. B. 346:4, 1946.
Childs et al., Oreg. Ext. B. 663.9, 664.9-10, 1946.
Kohl, Mo. Bot. Gard. B. 35:69, 1947.
Pletsch, Mont. B. 446:69-70, 1947.
Richardson, Iowa St. Hort. Soc. Trans. 82:140, 1947.
Sherwood, W. Va. Ext. C. 320 rev.44, 1946.
Ohio B. 655.27-28, 1945, 670:28-29, 1947.
- SPRAY MATERIALS - SULFUR (WET-TABLE) & DERRIS**
Stewart, West. Livestock J. 23(11):51, 1945.
- SPRAY MATERIALS - SULFUR MIXTURES**
Jenkins et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2 48-49, 1947.
Morisset, Quebec Soc. Protect. Plants R. 30:64-65, 1947.
- SPRAY MATERIALS - SUPPLIES**
Brewer, Amer. Pom. Soc. P. 60.59-60, 1945?
Brewer, Va. Fruit 33(1):53, 1945.
Millman, Better Fruit 39(8):7, 1945.
- SPRAY MATERIALS - S-W CITRO-MULSION**
Osorio, Control de Plagas 8 [1.e. 7] 67,82, 1945.
- SPRAY MATERIALS - S-W FLORIDOIL**
Osorio, Control de Plagas 8 [1.e. 7]: 67,82, 1945.
- SPRAY MATERIALS - STYX, see SPRAY MATERIALS - PYRETHRUM & ROTENONE MIXTURE (STYX)**
- SPRAY MATERIALS - SYNTONE, see SPRAY MATERIALS - ROTE-NONE & DERRIS RESINATES (SYNTONE)**
- SPRAY MATERIALS - TDE, see SPRAY MATERIALS - DICHLORO-DIPHENYL-DICHLOROETHANE**
- SPRAY MATERIALS - TEPP, see SPRAY MATERIALS - TETRAETHYL PYROPHOSPHATE**
- SPRAY MATERIALS - TAR DISTILLATES**
Hartzell, N. Y. (G.) Farm Res. 12(1): 7, 1946.
Howard et al., USDA Misc. Pub. 526 rev.:35-36, 1945.
- SPRAY MATERIALS - TAR OIL**
Sherwood, W. Va. Ext. C. 320 rev. 51-52, 1946.
- SPRAY MATERIALS - TARTAR EMETIC**
b Hoppe, Wis. Hort. 35:235-236, 1945.
Howard et al., USDA Misc. Pub. 526 rev.:36, 1945.
Wildon et al., Mich. Ext. B. 270.31, 271.47, 1945.
- SPRAY MATERIALS - TARTAR EMETIC**
see also SPRAY MATERIALS - DDT & TARTAR EMETIC
- SPRAY MATERIALS - TARTAR EMETIC - RESISTANT INSECTS**
Persing, Cit. Leaves 25(3) 9, 1945.
- SPRAY MATERIALS - TARTAR EMETIC & GLYCEROL**
Romney et al., USDA EPQ E-672:6-8, 1945.
- SPRAY MATERIALS - TARTAR EMETIC & KARO SIRUP**
Lange & Thwaits, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 14-15, 1945.
- SPRAY MATERIALS - TARTAR EMETIC & SUGAR**
Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:56, 1947.
Heming, in Cal. Fuchsia Soc., A to Z on Fuchsias:15, 1946.
Hoerner & Edmundson, J. Ec. Ent. 40.604, 1947.
Hoppe, Wis. Hort. 35.235-236, 1945.
Howard & Brooks, Cal. Ext. C. 117 rev.:65, 1947.
Jeppson & Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 12-13, 1945.
Lange, Cal. C. 365:48-51, 1946.
Lange & Thwaits, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944: 15,17, 1945.
Plank & Winters, P. R. (Mayaguez) R. f. 1945:30, 1946.
Richardson, Cal. Citrog. 30:215, 1945.
Shoemaker, Veg. Grow.:454,456, 1947.
Watkins, N. Y. (C.) R. 58:116, 1946.
Mich. Ext. Folder F-84:5, 1945.
- SPRAY MATERIALS - TARTAR EMETIC & SUGAR (BROWN)**
Apple, Ill. Veg. Grow. B. 6(1):4-5, 1946.
Caryl & Johnston, Cal. Ext. C. 114 rev.:44, 1946.
Dustan, Can. Dept. Agr. Div. Ent. Processed Pub. 69:4-5, 1947.
Granovsky, Minn. Hort. 75:75, 1947.
Holley, N. H. B. 359:11, 1945.
Jardine et al., USDA OES R. f. 1944: 50, 1945.
Knight, N. Amer. Glad. Council B., June 1946:12.
Lehker, Ind. Ext. B. 239 rev.:8, 1947.
McDaniel, Flor. Rev. 98(2534):33, 1946.
McDaniel, Gladiolus 22:42-43, 1947.
Magie & Kelsheimer, Fla. R. f. 1945/46:118.
Poos, J. Ec. Ent. 38:447-448, 1945.
Ryan, Home Gard. (N. Y.) 8(6):60, 1946.

- SPRAY MATERIALS - TARTAR EMETIC & SUGAR (BROWN)**--Continued.
- Ryan, N. Amer. Glad. Council B., June 1946:6.
- Smith & Boswell, *Gladiolus Mag.* 11 (3):10-13, 1947.
- Vorhies & Wehrle, *Ariz. B.* 203:35, 1946.
- Wildon, *Mich. Sp. B.* 222 rev.:20, 1946
- SPRAY MATERIALS - TARTAR EMETIC & SUGAR (BROWN) vs. DDT**
- Apple, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:75, 1946.
- SPRAY MATERIALS - TERPIN, see SPRAY MATERIALS - PYRETHRUM & TERPINOL DIACETATE**
- SPRAY MATERIALS - TESTS**
- b Bottimer, *Soap & Sanit. Chem.* 21 (12):155,157, 1945.
- Brandes & Swisher, *N. Dak. Bimo. B.* 8(3):33-39, 1946.
- Campbell & Filmer, *Hints to Potato Grow.* 26(10):1-3, 1946.
- bi Connola et al., *N. Y. (C.) B.* 841:4-29,40-41, 1947.
- Ditman, *J. Ec. Ent.* 39:219-222, 1946.
- b Harries et al., *J. Agr. Res.* 71:553-565, 1945.
- Hazard, *Soap & Sanit. Chem.* 21(12):159,167, 1945.
- i Lindquist & Madden, *USDA EPQ ET-* 229,4 p., 1946.
- Munro & Hoyman, *N. Dak. Bimo. B.* 8(3):23-30, 1946.
- bi Watkins, *J. Ec. Ent.* 39:255-261, 1946.
- SPRAY MATERIALS - TETRAETHYL PYROPHOSPHATE**
- Jefferson, *Natl. Shade Tree Conf. P.* 23:383-384, 1947.
- Newcomer, *Wash. St. Hort. Assoc. P.* 43:20,22, 1947.
- O'Neill, *Oreg. St. Hort. Soc. R.* 39:64, 1947.
- Wolfenbarger, *Fla. St. Hort. Soc. P.* 60:167-168, 1947.
- SPRAY MATERIALS - TETRAETHYL PYROPHOSPHATE (VAPOTONE)**
- Hough, *Cumberland-Shenandoah Fruit Workers' Conf. P.* 23:[16], 1946.
- Roberts, *Flor. Exch.* 108(14):16, 1947.
- Wolfenbarger, *Fla. PB* 639:3-6, 1947.
- Wolfenbarger, *Fla. R. f.* 1946/47:249-250.
- Wolfenbarger, *Fla. St. Hort. Soc. P.* 60:168, 1947.
- SPRAY MATERIALS - TETRAETHYL PYROPHOSPHATE (VAPOTONE) - HAZARDS & SAFEGUARDS**
- Roberts, *Flor. Exch.* 108(14):16, 1947.
- SPRAY MATERIALS - THANISOL**
- Smith & Gouck, *J. Ec. Ent.* 40:790-792,794, 1947.
- SPRAY MATERIALS - THANITE, see SPRAY MATERIALS - ISOBORNYL THIOCYANOACETATE**
- SPRAY MATERIALS - THIOCYANATES**
- Bishopp & Henderson, *USDA Leaf.* 182 rev.:25, 1946.
- SPRAY MATERIALS - THIOCYANATES**--Continued.
- Howard et al., *USDA Misc. Pub.* 526 rev.:36-37, 1945.
- SPRAY MATERIALS - THIOCYANATES, see also SPRAY MATERIALS - ISOBORNYL THIOCYANOACETATE; SPRAY MATERIALS - LAURYL THIOCYANATE; SPRAY MATERIALS - LETHANE 60; SPRAY MATERIALS - LETHANE 384; SPRAY MATERIALS - LETHANE 440; SPRAY MATERIALS - PYRETHRUM & THIOCYANATES; SPRAY MATERIALS - ZINC NICOTINE THIOCYANATE**
- SPRAY MATERIALS - THIOPHOS 3422, see SPRAY MATERIALS - PARATHION (THIOPHOS 3422)**
- SPRAY MATERIALS - TOXAPHENE**
- Brown et al., *Can. Ent.* 79:161,164-166, 1947.
- Plummer & Shaw, *J. Ec. Ent.* 40:501, 1947.
- Smith & Gouck, *J. Ec. Ent.* 40:791, 793-795, 1947.
- Weinman, *J. Ec. Ent.* 40:567-568, 1947.
- Wolfenbarger, *Fla. R. f.* 1946/47:248.
- SPRAY MATERIALS - TOXAPHENE - RESIDUAL EFFECTS**
- Fay et al., *J. Ec. Ent.* 40:635-637, 640, 1947.
- SPRAY MATERIALS - TOXAPHENE, see also SPRAY MATERIALS - CAMPHENE CHLORINATED**
- SPRAY MATERIALS - TOXAPHENE & AIR CURRENTS**
- i Dustan et al., *Can. Ent.* 79:45-50, 1947.
- SPRAY MATERIALS - TOXAPHENE & THANITE**
- Parker & Beachler, *Del. B.* 264:14,16-17, 1947.
- SPRAY MATERIALS - 1,1,1-TRICHLORO-2-CHLOROPHENYL-2-PHENYL-ETHANE, see SPRAY MATERIALS - 2-CHLOROPHENYL-2-PHENYL-1,1,1-TRICHLOROETHANE**
- SPRAY MATERIALS - TOXICITY - TESTS**
- Annand, *USDA EPQ R. f.* 1943/44:25.
- SPRAY MATERIALS - TUBACIDE, see SPRAY MATERIALS - ROTENONE (TUBACIDE)**
- SPRAY MATERIALS - VAPONA, see SPRAY MATERIALS - PYRETHRUM (VAPONA)**
- SPRAY MATERIALS - VAPOTONE, see SPRAY MATERIALS - TETRAETHYL PYROPHOSPHATE (VAPOTONE)**
- SPRAY MATERIALS - VELSICOL AR-50, see SPRAY MATERIALS - DDT & VELSICOL AR-50**
- SPRAY MATERIALS - VELSICOL 1068, see SPRAY MATERIALS - CHLORDANE (VELSICOL 1068)**
- SPRAY MATERIALS - VOLCK, see SPRAY MATERIALS - OIL (VOLCK)**

- SPRAY MATERIALS - WEED KILLERS**
Steiner, Pa. B. 464 (sup. 3):10, 1945.
- SPRAY MATERIALS - XANTHONE**
Cutright & Sutton, J. Ec. Ent. 40:560, 1947.
- SPRAY MATERIALS - XANTHONE**
Annand, USDA EPQ R. f. 1943/44:2.
Borden, Oreg. St. Hort. Soc. R. 37:23, 1945.
Elde, Wash. St. Hort. Assoc. Proc. 41: 58-59, 1945.
Gardiner, Can. Min. Agr. R. f. 1945/46: 17,68.
Hough, Va. Fruit 35(1):82-83, 1947.
Newcomer, Wash. St. Hort. Assoc. P. 43:19,22, 1947.
Newcomer et al., J. Ec. Ent. 39:674-676, 1946.
Porter, Md. St. Hort. Soc. P. 47:13, 1945.
Porter, USDA YB f. 1943/47:660.
- SPRAY MATERIALS - XANTHONE, see also SPRAY MATERIALS - DDT & XANTHONE; SPRAY MATERIALS - OIL & XANTHONE**
- SPRAY MATERIALS - XANTHONE (GENICIDE)**
Cutright & Sutton, Ohio St. Hort. Soc. P. 100:65-67, 1947.
Garman, Conn. Pom. Soc. R. 56:22, 1947.
Hough, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[15-16], 1946.
Hough & Underhill, Va. R. f. 1946/47: 30.
O'Neill, Oreg. St. Hort. Soc. R. 39:63-64, 1947.
Peterson, Peninsula Hort. Soc. Trans. 60:83, 1947.
Va. Ext. B. 131 rev.:14,38, 1947.
- SPRAY MATERIALS - XANTHONE & OIL (STOVE)**
Annand, USDA EPQ R. f. 1944/45:20.
- SPRAY MATERIALS - XANTHONE MIXTURES**
Newcomer & Dean, J. Ec. Ent. 39:783-786, 1946.
- SPRAY MATERIALS - XYLENE, see SPRAY MATERIALS - DDT & KEROSENE & XYLENE; SPRAY MATERIALS - DDT & OIL (DIESEL) & XYLENE; SPRAY MATERIALS - DDT & XYLENE**
- SPRAY MATERIALS - Z-39, see SPRAY MATERIALS - DDT & DICHLORO-DIPHENYL-DICHLOROETHANE (Z-39)**
- SPRAY MATERIALS - ZINC, see SPRAY MATERIALS - COPPER & ZINC; SPRAY MATERIALS - DDT & ZINC; SPRAY MATERIALS - LIME-SULFUR & ZINC**
- SPRAY MATERIALS - ZINC ARSENATE**
Hoerner, West. Colo. Hort. Soc. Trans. f. 1944:58, 1945.
Mimms & Zaumeyer, USDA FB 1996: 36, 1947.
Rasmussen et al., Mich. Ext. B. 154 rev.:18, 1946.
- SPRAY MATERIALS - ZINC ARSE-NATE & LIME-SULFUR**
List, West. Colo. Hort. Soc. Trans. f. 1944:69, 1945.
Mills & Dewey, N. Y. (C.) Ext. B. 711: 57, 1947.
- SPRAY MATERIALS - ZINC ARSE-NATE & SULFUR (WETTABLE)**
Hill, Neb. Res. B. 138:3-9,12, 1945.
- SPRAY MATERIALS - ZINC ARSENATE (BASIC)**
Mills & Dewey, N. Y. (C.) Ext. B. 711: 72, 1947.
- SPRAY MATERIALS - ZINC ARSENITE**
Baker et al., Wash. B. 497:41,43,49, 1947.
Enzie & Eyer, N. Mex. B. 342:30, 1947.
Hill, Iowa St. Col. J. Sci. 22:41, 1947.
- SPRAY MATERIALS - ZINC ARSENITE, see also SPRAY MATERIALS - BORDEAUX MIXTURE & ZINC ARSENITE, SPRAY MATERIALS - LIME-SULFUR & ZINC ARSENITE**
- SPRAY MATERIALS - ZINC ARSE-NITE & LIME-SULFUR**
List, Colo. Spud Notes 3(5):1-2, 1945.
List, West. Colo. Hort. Soc. Trans. f. 1945:81, 1946.
- SPRAY MATERIALS - ZINC FLUORO-ARSENATE & OIL (SUMMER)**
Weinman, J. Ec. Ent. 40:567-568, 1947.
- SPRAY MATERIALS - ZINC-LIME, see SPRAY MATERIALS - ZINC SULFATE & LIME**
- SPRAY MATERIALS - ZINC NICOTINE THIOCYANATE**
Garman, Conn. Pom. Soc. R. 56:25, 28, 1947.
Garman & Brigham, Conn. B. 512:89, 1946.
- SPRAY MATERIALS - ZINC NICOTINE THIOCYANATE & SULFUR (WETTABLE)**
Garman & Brigham, Conn. B. 512:89, 1946.
- SPRAY MATERIALS - ZINC SULFATE**
Bobb, Va. Fruit 35(1):52, 1947.
Ohio B. 655:28, 1945.
- SPRAY MATERIALS - ZINC SULFATE, see also SPRAY MATERIALS - LEAD ARSENATE & LIME & ZINC SULFATE, SPRAY MATERIALS - LEAD ARSENATE & ZINC SULFATE; SPRAY MATERIALS - LIME & ZINC SULFATE**
- SPRAY MATERIALS - ZINC SULFATE & LIME**
Graham et al., Md. Ext. B. 112:45, 1946.
Rasmussen et al., Mich. Ext. B. 154 rev.:26-27, 1945.
Sherwood, W. Va. Ext. C. 320 rev.: 47-48, 1946.
Va. Ext. B. 131 rev.:18, 1947.
- SPRAY NOMENCLATURE**
Amer. Phytopath. Soc., Phytopathology 37:357-358, 1947.

SPRAY RESIDUE

- Childs et al., Oreg. Ext. B. 664:12, 1946.
 Elde, Wash. St. Hort. Assoc. Proc. 41: 59-61, 1945.
 i Figy, Mich. St. Dept. Agr. Bien. R. 11:139-143, 1945; 12:165-169, 1947.
 Haseman, Mo. B. 490:57-58, 1946.
 Howard et al., USDA Misc. Pub. 526 rev.:3-4, 1945.
 Hull, Lab. Digest 9(8):3, 1946.
 Langford & Squires, J. Ec. Ent. 40: 269-270, 1947.
 McLaughlin, W. Va. Dept. Agr. Bien. R. 17:89, 1946.
 Marshall, Ind. R. 58:53, 1945.
 Miller et al., Mich. Quart. B. 27:344-346, 1945.
 Overlay, Wash. B. 470:88-89, 1945.
 Parker & Eshbaugh, J. Ec. Ent. 40: 864, 1947.
 Pepper, N. J. C. 495:12, 1945.
 Reid, S. C. R. 57:130, 1945.
 Tissot, Fla. Grow. 53(5):11, 1945.
 Walker, Wash. B. 470:32, 1945.
 Va. Ext. B. 131 rev.:9-10, 1947.
- SPRAY RESIDUE - ANALYSIS
 Dunbar, U. S. Food & Drug Adm. R. f. 1945/46:55.
- SPRAY RESIDUE - APPLES
 Sherwood, W. Va. Ext. C. 320 rev.:24-28, 1946.
 Smith, Va. Dept. Agr. & Immigr. R. f. 1944/45:39-40.
- SPRAY RESIDUE - ARSENIC
 Burkholder, Md. Fruit Grow. 15(3):2, 4, 1945.
 b Jones & Hatch, Soil Sci. 60:277-288, 1945.
- SPRAY RESIDUE - ARSENIC TRIOXIDE
 Baker et al., Wash. B. 497:44-45, 55-57, 1947.
- SPRAY RESIDUE - ARSENICAL - AP- PLES
 Garman, J. Ec. Ent. 38:341-343, 1945.
- SPRAY RESIDUE - DDT
 Annand, USDA EPQ R. f. 1944/45:11.
 Blackburn, Ohio B. 673:61, 1947.
 Blackburn & Peterson, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:76, 1946.
 Blackburn & Peterson, Ohio St. Hort. Soc. P. 79:87-88, 90, 1946.
 Borden, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:17-18, 1945.
 Borden, Blue Anchor 23(1):20, 22, 1946.
 Brann, N. Y. St. Hort. Soc. P. 92:173-174, 178-179, 1947.
 Buchanan, Wash. B. 482:43, 1946.
 Burkholder, Ind. R. 60:23, 1947.
 Burkholder & Ford, Ind. R. 59:66, 1946.
 Carman, Cal. Citrog. 31:127, 1946.
 Dean, J. Ec. Ent. 40:186-189, 1947.
 Decker, Agr. Chem. 2(7):24, 71, 1947.
 Dewey, N. Y. St. Hort. Soc. P. 91:80-81, 1946.
 Driggers, N. J. Agr. 29(4):4, 1947.
 Dunbar, U. S. Food & Drug Adm. R. f. 1945/46:8.
 Fleming, USDA EPQ E-724:22, 1947.

SPRAY RESIDUE - DDT--Continued.

- Fleming & Maines, J. Ec. Ent. 40: 849-850, 1947.
 Ford & Burkholder, Hoosier Hort. 18: 26-28, 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46:17.
 Gardner, Mich. R. 59 in Mich. St. Bd. Agr. R. 85:266, 1947.
 Glover, Wines & Vines 27(3):29, 1946.
 Gray, Cal. Med. 65:62, 1946.
 Harman, N. Y. (G.) Farm Res. 11(2): 4, 1945; 12(2):2-3, 1946.
 Harman, J. Ec. Ent. 39:209-210, 1946; 40:257-258, 1947.
 Harman, N. Y. St. Hort. Soc. P. 91: 73, 1946; 92:40, 1947.
 Hoskins, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:31-33, 1945.
 Hough, Amer. Pom. Soc. P. 60:184, 1945?
 Hough, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:28-29, 1945.
 Hough, Va. Fruit 33(1):191, 1945.
 Hough, Mountaineer Grow. 15(156):20, 24, 1945; 16(160):11-12, 1946.
 Hough, Amer. Fruit Grow. 66(2):17, 35-36, 1946.
 Hough, Md. Agr. Soc. R. 30:106-107, 1946.
 Hough, Md. St. Hort. Soc. P. 48:13-14, 1946.
 Hough, Peninsula Hort. Soc. Trans. 59:21, 1946.
 Hutson et al., Mich. St. Hort. Soc. R. 75:21, 28, 1946.
 Kido & Allen, Agr. Chem. 2(6):22-23, 67, 69, 1947.
 Lemmon, Cal. Dept. Agr. B. 34:265-267, 1946.
 Lemmon, Pear Grow. League Ann., Mar. 1946:26.
 Lininger et al., Pa. B. 480:41, 1946; 488:29, 1947.
 List, Colo. Farm B. 7(5):14, 1945.
 List, West. Colo. Hort. Soc. Trans. f. 1946:136-137, 1947.
 List & Newton, Colo. Farm B. 8(3): 11-12, 1946.
 bi Manalo et al., Mich. Quart. B. 29: 15-22, 1946.
 Marcovitch & Stanley, Tenn. R. 59: 92, 94, 1947.
 Matthyse, J. Ec. Ent. 39:62-65, 1946.
 Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:70, 72, 74-75, 1945.
 Porter, Amer. Fruit Grow. 66(2):32, 1946.
 Porter, Pa. St. Hort. Assoc. P. 87: 86, 1946.
 Porter, USDA YB f. 1943/47:661.
 Redd, Fla. R. f. 1945/46:161.
 Roark & McIndoo, USDA EPQ E-728: 20-23, 1947.
 Simpson et al., Maine Ext. C. 221:7-8, 1946.
 Stafford, Cal. Olive Indus. News 2(1): 3, 1947.
 Stanley, Tenn. Hort. 25(1):3-4, 1947.

- SPRAY RESIDUE - DDT--Continued.**
 Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34:89-92, 1947.
 Steiner et al., Ind. Hort. Soc. Trans. 85:42-43, 1946; 86:95-96, 1947.
 Still, Ohio St. Hort. Soc. P. 79:83, 1946; 100:149,151, 1947.
 Trullinger et al., USDA OES R. f. 1945/46:109, 1947.
 bi Turner & Woodruff, Conn. B. 512: 93-97, 1946.
 Walker, Wash. St. Hort. Assoc. P. 42 71-79,81-82, 1946.
 Wheeler, N. Y. St. Hort. Soc. P. 91:16, 1946, 92:79-80, 1947.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 52:56, 1946.
 Wichmann, Assoc. Off. Agr. Chem. J. 28:255, 1945.
 b Wichmann et al., Assoc. Off. Agr. Chem. J. 29:188-218,231-233, 1946.
 USDA EPQ. DDT for Codling Moth Control:3, 1946.
- SPRAY RESIDUE - DDT - ANALYSIS**
 b Fahey & Rusk, Assoc. Off. Agr. Chem. J. 30:349-354, 1947.
 Hoskins, Cal. C. 365:103, 1946.
 b Reiber & Stafford, Cal. C. 365:104-108, 1946.
- SPRAY RESIDUE - DDT - DETERMINATION**
 Haller, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:65-67, 1946.
- SPRAY RESIDUE - DDT - RESERVOIRS**
 Craighead & Brown, USDA EPQ E-649'3, 1945.
- SPRAY RESIDUE - DDT - SURFACE**
 Stiff & Castillo, Indus. & Engin. Chem. Anal. Ed. 18:316-317, 1946.
- SPRAY RESIDUE - DDT - TOLERANCE**
 Lemmon, Blue Anchor 23(2).22-23, 1946.
 Martin, N. J. R. 67:47, 1947?
- SPRAY RESIDUE - DDT & OIL**
 Jones et al., J. Ec. Ent. 39:772,774, 1946.
 Martin, N. J. R. 67:48, 1947?
- SPRAY RESIDUE - DN, see SPRAY RESIDUE - DINITRO COMPOUNDS**
- SPRAY RESIDUE - DINITRO COMPOUNDS**
 Goble & Patton, J. Ec. Ent. 39:179, 1946.
- SPRAY RESIDUE - DINITRO COMPOUNDS - DETERMINATION**
 Redd, Fla. R. f. 1945/46:161.
- SPRAY RESIDUE - FLUORINE**
 Dunbar, U. S. Food & Drug Adm. R. f. 1945/46:6.
- SPRAY RESIDUE - LEAD**
 Baker et al., Wash. B. 497:44-45,55-57, 1947.
 b Jones & Hatch, Soil Sci. 60:277-288, 1945.
- SPRAY RESIDUE - LEAD ARSENATE**
 Brann, N. Y. St. Hort. Soc. P. 92:173-174, 1947.
 Burkholder & Ford, Ind. R. 58:71, 1945; 59:66, 1946.
 Garman, Conn. B. 485:134-136,153-156, 1945.
 Linlinger et al., Pa. B. 480:41, 1946.
- SPRAY RESIDUE - LEAD ARSENATE--Continued.**
 Martin, N. J. R. 67 46-47, 1947?
 Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:70,72,74-75, 1945.
 Porter, Smithsn. Inst. R. f. 1944.350, 1945.
 N. J. Ext. Spray Calendar 16-6, 17: 10, 1946.
- SPRAY RESIDUE - LEAD ARSENATE - GRAPE JUICE**
 Cox et al., Food Packer 26(11).33-36, 1945.
- SPRAY RESIDUE - LEAD ARSENATE - TOXICITY TO ANIMALS**
 Trullinger et al., USDA OES R. f. 1945/46:33, 1947.
- SPRAY RESIDUE - LEAD ARSENIC COMPOUNDS**
 bi Groves et al., J. Agr. Res. 73:159-166, 1946.
- SPRAY RESIDUE - MERCURY**
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 52:50, 1946.
- SPRAY RESIDUE - PARIS GREEN**
 Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34:89-92, 1947.
- SPRAY RESIDUE - SELENIUM - ORANGES**
 White et al., Assoc. Off. Agr. Chem. J. 29:351-356, 1946.
- SPRAY RESIDUE - SULFUR - TOMATOES**
 Henney, Colo. R. 58:18, 1945.
- SPRAY RESIDUE - TOLERANCE**
 Cox, Cal. Dept. Agr. B. 33:320-321, 1945.
 Lemmon, Cal. Dept. Agr. B. 34:267-268, 1946; 35:279-282, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 711: 12, 1947.
 Powell et al., Ill. Ext. C. 568 rev.. 38, 1945; rev.38, 1946.
 Ohio B. 655:34, 1945, 670:35, 1947.
- SPRAY RESIDUE - TOLERANCE - CRYOLITE**
 Kelsheimer, Fla. Grow. 74(1).4, 1946.
- SPRAY RESIDUE - TOXICITY TO ANIMALS**
 Cameron, Cal. Ext. C. 130:34, 1945.
 bi Groves et al., J. Agr. Res. 73:159-166, 1946.
- SPRAY RESIDUE REMOVAL**
 Buchanan, Wash. B. 482:42-43, 1946.
 Jones et al., Oreg. C. Inform. 358:2, 1945.
 Milliman, Better Fruit 41(8):38, 1947.
 Overholser, Pa. St. Hort. Assoc. P. 88:9, 1947.
 Talbert, Gen. Hort.:230-231, 1946.
 Wash. Ext. B. 279 rev.:15, 1947.
- SPRAY RESIDUE REMOVAL - APPARATUS**
 i Putnam, Can. Grow. 70(4):19, 1947.
- SPRAY RESIDUE REMOVAL - DDT**
 Borden et al., Blue Anchor 24(2):19, 38,40, 1947.
 Hough, Md. Agr. Soc. R. 30:107, 1946.
 Hough, Md. St. Hort. Soc. P. 48:14, 1946.
 List, West. Colo. Hort. Soc. Trans. f. 1945:75,77-79, 1946.

SPRAY RESIDUE REMOVAL - DDT--
Continued.

- bi Manalo, Food Packer 27(13):64,66, 68, 1946.
- bi Manalo et al., Mich. Quart. B. 29: 15-22, 1946.
- Robinson, Oreg. C. Inform. 412:4, 1947.
- Walker, Wash. St. Hort. Assoc. P. 43: 219-224, 1947.

SPRAY RESIDUE REMOVAL - SOLVENTS
Childs, Wash. St. Hort. Assoc. P. 42: 52, 1946.

- List, West. Colo. Hort. Soc. Trans. f. 1945:75,77, 1946.

- i Manalo et al., Mich. Quart. B. 29:18-22, 1946.

- Sherwood, W. Va. Ext. C. 320 rev.:24-27, 1946.

SPRAY RESIDUE REMOVAL - WASHING
List & Newton, Colo. Farm B. 8(3) 12, 1946.

SPRAY RESIDUE REMOVAL - WASHING SOLUTIONS, see SPRAY RESIDUE REMOVAL - SOLVENTS

SPRAY RINGS, see SPRAY SERVICES - COOPERATIVE

SPRAY SERVICES

- Cooper, Ky. R. 59:46, 1947.
- Myers et al., N. Y. (C.) R. 59:34, 1947.
- Neary, N. S. Dept. Agr. R. f. 1943/44 103-104, 1945. f. 1944/45:106-107, 1946; f. 1945/46:95, 1947.
- i Parr, Agr. Chem. 2(5):37-38, 1947.
- Sherwood, W. Va. Ext. C. 320 rev. 6-7, 1946.
- i Snipes, Pests 15(10):20,22,24, 1947.
- Ohio B. 655:40, 1945. 670:41, 1947.
- Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan.96,99, 1945.

SPRAY SERVICES - COOPERATIVE

- i Bamert, Agr. Chem. 1(5):32-33, 1946
- Cory & Langford, J. Ec. Ent. 40:425-426, 1947.
- Deering, Maine Ext. B. 348:23-24,32, 1946.

- Gardiner, Can. Min. Agr. R. f. 1945/46: 46.

- Gentry, Vet. Med. 42:184, 1947.
- Myers et al., N. Y. (C.) R. 58:64, 1946.

- Palm, Agr. Chem. 1(3):18, 1946.

- Urann, USDA Farm Credit Adm. News f. Farm Coop. 14(5):11, 1947.

SPRAY SPREADERS & STICKERS

- Annand, USDA EPQ R. f. 1943/44:27; f. 1945/46:6.

- Bennett, Pract. Emulsions ed. 2:267-268, 1947.

- Blaauvelt, Amer. Rose Mag. 7:5, 1946.

- Borden, Cal. C. 365:47, 1946.

- Chandler, Ill. B. 519:325, 1946.

- Childs et al., Oreg. Ext. B. 663:6-7; 664:8-9, 1946.

- Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:86, 1947.

- Dean et al., J. Ec. Ent. 39:523,526, 1946.

- Ferguson, U. S. Pub. Health Rpts. 62: 297, 1947.

- Filinger, Kans. C. 235:45, 1946.

- bi Garman, Conn. B. 485:110-161, 1945
- Garman, J. Ec. Ent. 38:341-343, 1945.

SPRAY SPREADERS & STICKERS--Continued.

- Garman, Conn. Pom. Soc. R. 56:25, 1947.

- Graham, Iowa St. Col. J. Sci. 22:33, 1947.

- Hough, Va. B. 388:1-6,11, 1946.

- Howard et al., USDA Misc. Pub. 526 rev.:37-38, 1945.

- Lecrone, Okla. Ext. C. 108 rev.:14, 1946.

- Miller et al., Mich. Quart. B. 27:343-347, 1945.

- Mills & Dewey, N. Y. (C.) Ext. B. 711. 84, 1947.

- Rasmussen et al., Mich. Ext. B. 154 rev. 28, 1946.

- Wildon et al., Mich. Ext. B. 269:27; 270:34-35; 271:50-51, 1945.

- Williams, Conn. Ext. B. 377 17, 1946

- Zehner, N. Y. St. Hort. Soc. P. 90 193-194, 1945.

- Ind. Ext. Leaflet 269:6-9, 1945.

- Ohio B. 655:39, 1945. 670:39-40, 1947
- Va. Ext. B. 131 rev. 39, 1947.

- Wash. Ext. B. 279 rev.:12-13, 1947.

SPRAY SPREADERS & STICKERS - ACCO, see SPRAY SPREADERS & STICKERS - LIME CASEIN(ACCO)

SPRAY SPREADERS & STICKERS - ALKOTE

- Garman, Conn. B. 485 119, 1945.

SPRAY SPREADERS & STICKERS - ALUMINUM HYDROXIDE GEL

- Garman, Conn. B. 485:117, 1945.

SPRAY SPREADERS & STICKERS - BENTONITE

- Garman, Conn. B. 501:75-77, 1946

SPRAY SPREADERS & STICKERS - BENTONITE & CASEIN

- Garman, Conn. B. 485 118-119, 1945.

SPRAY SPREADERS & STICKERS - BENTONITE & FLOUR

- Garman, Conn. B. 485:118-119, 1945.

SPRAY SPREADERS & STICKERS - BENTONITE & SKIM MILK (FILM-FAST)

- Garman, Conn. B. 485 118-119, 1945.

SPRAY SPREADERS & STICKERS - BENZYL ETHYL STARCH

- Garman, Conn. B. 485:117, 1945.

SPRAY SPREADERS & STICKERS - COAL TAR

- Sobell & Doner, Soap & Sanit. Chem. 21:108,111, 1945.

SPRAY SPREADERS & STICKERS - GLUE, WATERPROOF

- Garman, Conn. B. 485:116-117, 1945.

SPRAY SPREADERS & STICKERS - GRASSELLI SPREADER-STICKER

- Garman, Conn. B. 485:119, 1945.

SPRAY SPREADERS & STICKERS - LATEX (SYNTHETIC)

- Bonde & Snyder, Maine B. 449:273-274,354-355, 1947.

SPRAY SPREADERS & STICKERS - LIME & ALUMINUM SULFATE

- Garman, Conn. B. 485:119, 1945.

SPRAY SPREADERS & STICKERS - LIME & BENTONITE

- Garman, Conn. B. 485:118, 1945.

- SPRAY SPREADERS & STICKERS - LIME & BENTONITE - SULFUR (KOLOFOG)**
Garman, Conn. B. 485 120, 1945.
Johnson, Conn. B. 488.405-406, 1945.
- SPRAY SPREADERS & STICKERS - LIME & TALC**
Garman, Conn. B. 485.118, 1945.
- SPRAY SPREADERS & STICKERS - LIME CASEIN (ACCO)**
Garman, Conn. B. 485.119, 1945
- SPRAY SPREADERS & STICKERS - MONOSODIUM SULFONATE AROMATIC (ULTRAWET)**
Baker & Bradley, USDA EPQ E-718 1-2, 1947.
- SPRAY SPREADERS & STICKERS - OIL**
Fleming & Maines, J. Ec. Ent. 40:846, 1947.
- SPRAY SPREADERS & STICKERS - OIL MIXTURES (ORTHEX)**
Garman, Conn. B. 485 119-120, 1945.
- SPRAY SPREADERS & STICKERS - POLYETHYLENE POLYSULFIDE**
Moznette, USDA EPQ E-723 2-3, 1947.
- SPRAY SPREADERS & STICKERS - SKIM MILK POWDER**
Garman, Conn. B. 485 116, 1945.
- SPRAY SPREADERS & STICKERS - SOAP**
Cumming, Hardy Chrysanthemums rev. 128-129, 1945.
Ohio Flor. Assoc. Month. B. 210 8, 1947.
- SPRAY SPREADERS & STICKERS - SODIUM BUTYLBIPHENYLSULFONATE**
Baker et al., Wash. B. 497.42,52-53, 1947.
- SPRAY SPREADERS & STICKERS - SODIUM BUTYLHYDROXYBIPHENYLSULFONATE**
Baker & Bradley, USDA EPQ E-718 1-2, 1947.
- SPRAY SPREADERS & STICKERS - SODIUM OLEATE**
Garman, Conn. B. 485 116, 1945.
- SPRAY SPREADERS & STICKERS - SOY-BEAN FLOUR**
Garman, Conn. B. 485:117, 1945.
Martin, N. J. R. 66:89-90, 1946.
Powell et al., Ill. Ext. C. 568 rev.:41, 1945, rev.:41, 1946.
N. J. Ext. Spray Calendar 16:4, 17: 5, 1946.
- SPRAY SPREADERS & STICKERS - ULTRAWET, see SPRAY SPREADERS & STICKERS - MONOSODIUM SULFONATE, AROMATIC (ULTRAWET)**
- SPRAY SPREADERS & STICKERS - VATSOL**
Woodruff & Turner, Conn. B. 512:67, 1946.
- SPRAY SYNERGISTS & ACTIVATORS**
Conklin et al., N. H. B. 372:30-31, 1947.
Gertler, USDA EPQ E-732, 12 p., 1947.
b Gnadinger, Pyrethrum Flowers sup. to ed. 2 1936-1945:524-535, 1945.
b Knippling, Natl. Malar. Soc. J. 5:114-115,118,120, 1946.
- SPRAY SYNERGISTS & ACTIVATORS--**
Continued.
b McAlister et al., J. Ec. Ent. 40 908-909, 1947.
Siegler & Bowen, J. Ec. Ent. 40 576-577, 1947.
Twinn, Sci. Agr. 27 101, 1947.
- SPRAY SYNERGISTS & ACTIVATORS - METHYLENE DIOXYPHENOL GROUP**
Haller, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 71, 1946.
b Prill & Synerholm, Boyce Thompson Inst. Contrib. 14 221-227, 1946.
b Prill et al., Boyce Thompson Inst. Contrib. 14 397-403, 1947.
- SPRAY SYNERGISTS & ACTIVATORS - PIPERONYL BUTOXIDE**
b Wachs, Science 105 530-531, 1947.
- SPRAY SYNERGISTS & ACTIVATORS - PIPERONYL CYCLONENE**
b Wachs, Science 105 530-531, 1947.
- SPRAY SYNERGISTS & ACTIVATORS - PRE-TREATMENT WITH**
b Lindquist et al., J. Ec. Ent. 40 426-427, 1947
- SPRAYING - ADVANCES**
DuMond, Agr. Chem. 1(2) 12,60-61, 1946.
- SPRAYING - ALMONDS**
Smith & Wilson, Almond Facts 10(1). 1,3, 1946
- SPRAYING - ANIMAL SURGERY**
Hanawalt, M. S. C. Vet. 5 166, 1945.
- SPRAYING - ANIMALS - DDT**
Stage, J. Ec. Ent. 40 759-762, 1947.
- SPRAYING - APPLES**
Abrahamsen, W. Va. B. 328.44,50,52, 55,70-71, 1947.
Bourne, Mass. B. 428.35-36, 1945.
i Chandler, Ill. B. 519.306-328, 1946.
i Chandler, Ill. St. Hort. Soc. Trans. 78:125-139, 1945, 79 274-288, 1946, 80:162-165, 1947.
Childs et al., Oreg. Ext. R. 663 2-4, 6-13,16, 1946.
Cutright, Amer. Fruit Grow. 66(2). 14,24, 1946.
Cutright & Vogel, Ohio St. Hort. Soc. P. 78:54-66, 1945.
Cutright et al., Ohio Bimo. B. 30.199, 1945.
Dell, Ill. St. Hort. Soc. Trans. 79 149-152, 1946.
Floror, Ga. Ext. B. 518:13-14, 1945, rev.:14-15, 1946.
Folsom, Maine B. 438:644-645, 1945.
bi Garman, Conn. B. 485:110-161, 1945.
Kelley, Ill. St. Hort. Soc. Trans. 79 246-247,263-264, 1946.
Kirby & Pepper, Pa. Ext. C. 274,6 p., 1945.
Marshall et al., Ind. Hort. Soc. Trans. 86:23-26, 1947.
i Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:5-18, 1945.
Parks, Amer. Fruit Grow. 65(1):12, 28,40; (12):13,23-25, 1945.
Parks et al., Ohio St. Hort. Soc. P. 79:131-143, 1946.
Pratt, Tenn. Hort. 1945, Mar. 15:1-2.

SPRAYING - APPLES--Continued.

- Reek, Ont. Agr. Col. & Expt. Farm R. 71:58, 1946.
 i Rollins, Conn. Ext. B. 369:1-8, 1945.
 Sherwood, W. Va. Ext. C. 320 rev.:7-23, 1946.
 Sherwood, Mountaineer Grow. 17(163):2-3, 1947.
 Thies, Mass. Ext. Fruit Notes, Dec. 30, 1946:2-3.
 Whitcomb, Mass. Ext. Fruit Notes, Mar. 8, 1945:7-8.
 Woodworth & Rawlings, N. H. B. 361:26-31, 1945.
 Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540, 16 p., 1947.
 i Ohio Ext. B. 128, ed. 10:2-10; Ohio B. 655 rev.:2-10, 1945.
- SPRAYING - APPLES - DDT
 Hutson, Mich. St. Hort. Soc. R. 75:29-30, 1946.
 Hutson et al., Mich. St. Hort. Soc. R. 75:19-29, 1946.
 Isely et al., USDA EPQ Recom. or Suggestions on the Use of DDT for Apple Spraying in 1946, 24 p., 1946.
 Miller, Peninsula Hort. Soc. Trans. 59:32-34, 1946.
 Rice & Stearns, Peninsula Hort. Soc. Trans. 59:26-31, 1946.
- SPRAYING - APPLES - EFFECT ON YIELD
 b Mills, N. Y. (C.) M. 273, 38 p., 1947.
- SPRAYING - APPLES - NOVA SCOTIA
 b Lord, Can. Ent. 79:196-209, 1947.
 b Pickett et al., Sci. Agr. 26:590-600, 1946.
- SPRAYING - AZALEAS
 Davis, Azaleas & Camellias for the Gard.:54, 1947.
- SPRAYING - BAKERIES
 Haas, Can. Baker 60(11/12):56, 1947.
 Hodler, Food Indus. 18:1866, 1946.
 Holmes, Bakers' Helper 86(1074):80, 82, 1946.
 i Jacobs, Baker's Digest 20(2):33-35, 1946.
 Skovholt & Hanschka, Bakers' Wkly. 131(3):41-42, 1946.
- SPRAYING - BARNES
 i Baker et al., U. S. Pub. Health Rpts. 62:599-605, 1947.
 Brannon, Wash. Ext. C. 100, 4 p., 1946.
 Cory & Langford, J. Ec. Ent. 40:425-426, 1947.
 Fenton, Amer. Hereford J. 36(23):12-13, 1946.
 i Formeister, Food Indus. 18:505, 1946.
 Hanawalt, M. S. C. Vet. 5:163-164, 1945.
 Lathrop, Maine Ext. C. 220, 5 p., 1946.
 Menusan, Dairym. Price Rptr. 28(4):11, 1946.
 Michelbacher & Smith, Cal. C. 365:94-97, 1946.
 Parker & Beachler, Del. B. 264:13-14, 1947.
 Petty et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:43-44, 1947.
 Plank, P. R. (Mayaguez) R. f. 1945:40, 1946.

SPRAYING - BARNES--Continued.

- i Schwardt, N. Y. (G.) Farm Res. 12 (3):1-2, 1946.
 Schwardt, N. Y. St. Assoc. Milk Sanit. R. 20:161-162, 164-166, 1947.
 b Sweetman, J. Ec. Ent. 39:380-381, 1946.
- SPRAYING - BARNES - DDT
 Annand, USDA EPQ R. f. 1945/46:9.
 Brett & Fenton, J. Ec. Ent. 39:397-398, 1946.
 Brett & Fenton, Natl. Butter & Cheese J. 37(6):60, 1946.
 Brett & Fenton, South. Dairy Prod. J. 40(1):62-63, 1946.
 Cory, Md. Agr. Soc. R. 30:174, 1946.
 Cuff, Down to Earth 3(2):3-4, 1947.
 i Daggy et al., Minn. Ext. B. 252:7-8, 1946.
 Fenton, Okla. Mimeo. C. 148, 2 p., 1945.
 Fenton & Brett, Okla. Mimeo. C. 156, 7 p., 1946.
 Fluke & Dobson, Wis. B. 469:66-68, 1946.
 Fouracre, Md. Agr. Soc. R. 30:173, 1946.
 Jarnagin, Ga. Univ. B. 46(12):70, 1946.
 Kelly, Kans. Ext. Livestock Ins. Control in Kans.:18-19, 22, 1946?
 Lehker, Falls Cities Coop. Dairym. 16(8):3, 1947.
 i Matthisse, Cal. Dairym. 26(4):12, 17, 1946.
 i Metcalf et al., U. S. Pub. Health Rpts. 60:756-757, 762-763, 1945.
 Morrison et al., Oreg. C. Inform. 382, 5 p., 1946.
 Pullen, Blood-Horse 45:532, 1946.
 Schwardt, Natl. Butter & Cheese J. 37 (4):45, 70; Ice Cream Rev. 29(9):110-111, 1946.
 Schwardt, N. Y. (C.) R. 59:119-120, 1947.
 Telford & Guthrie, Agr. Chem. 1(3):29, 1946.
- SPRAYING - BRAMBLES
 Powell et al., Ill. Ext. C. 568 rev.:24-25, 1946.
- SPRAYING - BROMELIADS, SPRAY KILLING
 Downs & Pittendrigh, Amer. J. Trop. Med. 26:60-63, 1946.
- SPRAYING - BUILDINGS
 i Chamlin, Pests 15(5):20, 21, 1947.
 Cutkomp, J. Ec. Ent. 40:330-333, 1947.
 Fisher, Natl. Butter & Cheese J. 38 (8):91, 1947.
 i Haseman, Mo. C. 309:3-4, 1946.
 Jones et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:23, 1947.
- SPRAYING - BUILDINGS - DDT
 Annand, USDA EPQ R. f. 1944/45:13.
 Bradley & Fritz, Natl. Malar. Soc. J. 6:117-121, 1947.
 b Gahan & Payne, Salub. y Asist. (Mexico):71-76, 1946.
 Rosenstiel, J. Ec. Ent. 40:925-926, 1947.
 i Stage, J. Ec. Ent. 40:759-762, 1947.

- SPRAYING - BUILDINGS - DDT--Continued.
 Tarzwell & Fisk, U. S. Pub. Health Rpts. 62:86-87, 1947.
 Walton et al., Okla. Mimeo. C. M-158: 2-3, 1946.
- SPRAYING - BUILDINGS - MEXICO
 Stage, Mosq. News 6:38, 1946.
- SPRAYING - CAMELLIAS
 i English, Amer. Camellia YB 1:39-40, 1946.
- SPRAYING - CAMPS - DDT
 Clarke, N. J. Mosq. Exterm. Assoc. P. 34:128,131, 1947.
 Hansens, N. J. Mosq. Exterm. Assoc. P. 32:57-61, 1945.
- SPRAYING - CATTLE
 Albaugh, West. Dairy J. 3(27):19,76, 1947.
 Carr, Cal. Dept. Agr. B. 35:289, 1947.
 i Cuff, Down to Earth 3(2):2-4, 1947.
 i Farrar, Better Farm. Methods 18(4): 16,21, 1946.
 Furman, J. Ec. Ent. 40:672-675, 1947.
 Gregson, Can. Ent. 78:201-202, 1946.
 Imes et al., USDA FB 909 rev.:8-9, 1947.
 i Kelly, Kans. Ext. Livestock Ins. Control in Kans. 4-18, 1946?
 Kingscote et al., Can. J. Compar. Med. 322-323, 1946.
 Matthysse, J. Ec. Ent. 39:62-65, 1946.
 i Peters & Deyoe, Raising Livestock 277, 1946.
 i Shull et al., Ida. Ext. B. 155 5-9, 1945.
 i Smith, Colo. Ext. B. 389-A:32-34, 1946.
 bi Squibb, J. Anim. Sci. 5:71-79, 1946.
 b Sweetman, J. Ec. Ent. 40:565-566, 1947.
 Walton et al., Okla. Mimeo. C. M-158. 3, 1946.
 Weaver et al., S. Dak. Ext. Leaf. 102, 8 p., 1946. (Repr.)
 i Natl. Livestock Loss Prev. Bd., Cattle Grubs Must Go:13-15, 1945.
- SPRAYING - CATTLE - DDT
 Baker & Hill, Neb. R. 60:95, 1947.
 Blakeslee et al., J. Ec. Ent. 40:664-666, 1947.
 Cory, Md. Agr. Soc. R. 30:174-175, 1946.
 i Cuff, Agr. Chem. 1(3):23-26, 1946.
 i Cuff, Soap & Sanit. Chem. 22(8):135-137,181, 1946.
 b Howell et al., J. Dairy Sci. 30:717-721, 1947.
 Jarnagin, Ga. Univ. B. 46(12):70, 1946.
 Kelly, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:51-53, 1946.
 i Laake, Kans. Stockm. 30 [i.e. 29](9): 10-11, 1945.
 Lehker, Pure Milk 20(5):15, 1946.
 McGregor, Coastal Cattle. 12(7):28, 1946.
 Matthysse, J. Ec. Ent. 38:444-445, 1945.
 Morrison et al., Oreg. C. Inform. 382: 3, 1946.
 i Tissot, Coastal Cattle. 13(5):12-13, 1947.
- SPRAYING - CATTLE - DDT--Continued.
 i White, Kraftsm. Prod. Ed. 4(4):11, 1946.
- SPRAYING - CATTLE - EFFECT ON MILK FLOW
 i Bruce & Decker, J. Ec. Ent. 40:530-536, 1947.
- SPRAYING - CATTLE - EFFECT ON WEIGHT
 Gunderson, J. Ec. Ent. 38:398-399, 1945.
- SPRAYING - CHERRIES
 i Gardner, Cherry and Its Cult. rev.: 105-112, 1946.
 Jones et al., Oreg. C. Inform. 358, 3 p., 1945.
 Kuhlman, Oreg. St. Hort. Soc. R. 39. 11-13, 1947.
 Kuhlman & Mumford, Oreg. C. Inform. 395:2, 1946.
 Milliman, Better Fruit 40(8) 12, 1946.
 Mills & Dewey, N. Y. (C.) Ext. B. 473 rev. 21-26, 1945.
 Sherwood, W. Va. Ext. C. 320 rev. 32-36, 1946.
- SPRAYING - CHRYSANTHEMUMS
 Scott & Scott, Chrysanthemums for Pleasure 24-29, 1947.
- SPRAYING - CITRUS
 i Ebeling, J. Ec. Ent. 38:689-691, 1945.
 Newcomb, Cal. Citrog. 32:210-212, 1947.
 bi Redd, Citrus Ind. 26(6):6-7,9,11, 14-15,22, 1945.
 Thompson, Cit. Indus. 27(9) 14,16-17, 20-21, 1946.
 i Woglum, Cal. Fruit Grow. Exch. Pest Control C. Subject Ser. 5,8 p., 1947.
 i Woglum & Lewis, Cal. Citrog. 32 285,306-307, 1947.
- SPRAYING - CITRUS - EFFECT ON QUALITY
 Thompson & Sites, Fla. St. Hort. Soc. P. 58:116-123, 1945.
- SPRAYING - CITRUS - FLORIDA
 b Griffiths & Thompson, J. Ec. Ent. 40:386-388, 1947.
- SPRAYING - COOPERATIVE, see SPRAY SERVICES - COOPERATIVE
- SPRAYING - CORN
 Decker et al., J. Ec. Ent. 40:399-400, 1947.
 Easter, J. Ec. Ent. 40:634, 1947.
- SPRAYING - CORN - EFFECT ON YIELD
 Gould, Food Packer 27(6) 70, 1946.
- SPRAYING - COSTS
 Abrahamsen, W. Va. B. 328:44,50,52, 55,70-71, 1947.
 Bigger et al., J. Ec. Ent. 40:406-407, 1947.
 Burkholder & Heinton, Ind. R. 59:67, 1946.
 Burlingame & DeTar, Cal. Ext., Bartlett Pear Mangt. Study Solano Co. 1947:5-7.
 Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:56, 1947.

- SPRAYING - COSTS--Continued.**
 Crockett, Med. Assoc. Ala. J. 16:348, 1947.
 Cuff, Soap & Sanit. Chem. 22(8):136, 181, 1946.
 Dews & Morrill, J. Ec. Ent. 39:350-352, 1946.
 Eyer & Enzie, N. Mex. B. 338:19-20, 1947.
 Fulton & Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 48.4, 1946.
 Gould, Food Packer 27(6):70, 1946.
 Gould, Ind. R. 59:12, 1946.
 i Henderson, N. J. Mosq. Exterm. Assoc. P. 33:38-39, 1946.
 Hinman & Cutkomp, Amer. J. Trop. Med. 27:458,460, 1947.
 Karr et al., Wash. St. Hort. Assoc. P. 43:116-118,120,122,126-127,130-133, 136,143,145-146, 1947.
 Kuhlman, Oreg. St. Hort. Soc. R. 39: 11-13, 1947.
 Kuhlman & Mumford, Oreg. C. Inform. 395:2, 1946.
 McGregor, Coastal Cattle. 12(7):28, 1946.
 Marshall, Ind. R. 58:53, 1945.
 Moznette, Southeast. Pecan Grow. Assoc. P. 40:153, 1947.
 Potts, Ohio St. Hort. Soc. P. 100.193, 1947.
 Robinson, N. Y. St. Hort. Soc. P. 92 140-149, 1947.
 Roque, P. R. (Rfo Piedras) R. f. 1943/44.34-35, 1946.
 i Snipes, Pests 15(10):24, 1947.
 Stierli et al., U. S. Pub. Health Rpts. Sup. 186:62-65, 1945.
 Watson et al., Natl. Malar. Soc. J. 5. 196,200, 1946.
 White, N. C. St. Bd. Health, Health B. 60(10).6, 1945.
 Woodworth & Rawlings, N. H. B. 361. 26-31, 1945.
 Wright, Down to Earth 3(1):4, 1947.
 Cal. Ext., Citrus Prod. Cost Anal. Orange Co. 1945:25.
 Cal. Ext., Cost of Prod. Study on Almonds Stanislaus Co. 1945:10,12, 14; 1947:12,14,16.
SPRAYING - COSTS, see also AIRCRAFT SPRAYING - COSTS; SPRAYING - MUNICIPALITY - COSTS
SPRAYING - DAIRY INDUSTRY
 Gerlach, Milk Dealer 36(10):159-160, 1947.
SPRAYING - DWELLINGS
 Annand, USDA EPQ R. f. 1945/46:8, 20.
 Parks, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:42, 1946.
 i Hercules Powder Co., Soap & Sanit. Chem. 22(4):134-135, 1946.
 bi U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water:203-222, 1947.
SPRAYING - DWELLINGS - DDT
 i Aitken, Natl. Malar. Soc. J. 5:169-187, 1946.
 Bradley, Cal. Mosq. Control Assoc. P. 14:14-19, 1946.
SPRAYING - DWELLINGS - DDT--Continued.
 b Bradley & Fritz, Natl. Malar. Soc. J. 5:141-145, 1946.
 Crockett, Med. Assoc. Ala. J. 16:347-348, 1947.
 i Eastland, Better Homes & Gard. 24 (11):110-111, 1946.
 England, Hawaii Farm & Home 8(7). 24, 1945.
 Link, Natl. Malar. Soc. J. 6:124-130, 1947.
 i Metcalf, U. S. Pub. Health Rpts. 60 754-765, 1945.
 Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] f. 1944/45:94-95.
 Peters, N. J. Mosq. Exterm. Assoc. P. 34:113-114, 1947.
 i Stierli et al., U. S. Pub. Health Rpts. Sup. 186.49-65, 1945.
 bi Trapido, Amer. J. Trop. Med. 26 383-415, 1946.
 Warner, Med. Assoc. Ala. J. 15:174-175, 1945.
 Watson et al., Natl. Malar. Soc. J. 5 199-200, 1946.
SPRAYING - DWELLINGS - DDT & XY-LENE
 Bradley, N. J. Mosq. Exterm. Assoc. P. 33:43-47, 1946.
 i Henderson, N. J. Mosq. Exterm. Assoc. P 32:75-80, 1945. 33:36-42, 1946.
SPRAYING - DWELLINGS - NATIVE HUTS
 Yust, J. Ec. Ent. 40:765, 1947.
SPRAYING - ELMS
 i Romney et al., J. Ec. Ent. 40 430, 1947.
SPRAYING - FACTORS, QUALIFYING
 Horsfall et al., Phytopathology 36. 680, 1946.
SPRAYING - FOOD ESTABLISHMENTS
 i Baker et al., U. S. Pub. Health Rpts. 62.605-612, 1947.
SPRAYING - FORESTS
 i Yuill, South. Lumberm. 174(2187) 46,48, 1947.
SPRAYING - FREIGHT CARS - DDT
 Annand, USDA EPQ R. f. 1945/46:6.
 Wagner, Northw. Mill. Mill. Prod. Sect. 226(2):10a, 1946.
SPRAYING - FRUIT
 Allen, Household 47(3):52-53, 1947.
 Allison, Ohio St. Hort. Soc. P. 79: 155-157, 1946.
 i Barton & Gilbert, N. J. St. Hort. Soc. Hort. News 26:1673,1676, 1945.
 i Bewcomb, Agr. Chem. 2(3).26-27, 63, 1947.
 Burkholder & Heinton, Ind. R. 59:67, 1946.
 Christopher, R. I. Ext. Mimeo. C. 10, 7 p., 1946.
 Colvis, Ill. St. Acad. Sci. Trans. 38: 17-18, 1946.
 Dutton, Ohio St. Hort. Soc. P. 78:118-121, 1945.
 Evarts, Mich. St. Hort. Soc. R. 75:17, 1946.
 i Filinger, Kans. C. 235:47-48, 1946.

SPRAYING - FRUIT--Continued.

- i Graham et al., Md. Ext. B. 105,40 p., 1945, 112,48 p., 1946.
 Hammonds & Tabb, Farm. Handb. 169-172, 1947.
 Hines & Lyle, Miss. Ext. C. 114 rev., 12 p., 1945, rev., 12 p., 1946.
 Isely, Ark. Ext. Leaf. 82,8 p., 1947.
 i Kelley, Ill. Ext. C. 524.32-39, 1947. (Repr.)
 Kuehner, Minn. Hort. 73:38, 1945.
 Marshall, Can. Hort. Grow. Ed. 69. 201-202, 1946.
 Milliman, Better Fruit 40(8).11-12, 1946.
 i Mills & Dewey, N. Y. (C.) Ext. B. 43 473 rev., 1945, 31 p.
 Mitchell, Amer. Agr. 142 195,205, 1945.
 Newcomer & Overley, West. Coop. Spray Proj. Conf. R. 19,8 p., 1945
 Nichols, Iowa St. Hort. Soc. Trans. 80. 53-54, 1945.
 Nichols, Iowa Dept. Agr. YB 46.324, 1946.
 i Parks & Allison, Ohio Ext. B. 252 rev. 68-78, 1945.
 Pickett, N. S. Fruit Grow. Assoc. R. 83 27-31, 1946. 84:73-77,79-80, 1947.
 Pyenson, Flower Grow. 32 147-148, 1945.
 Rasmussen, N. H. Hort. Soc. J. 10 30-37, Mass. Fruit Grow. Assoc. R. 53 57-62, 1947.
 Rasmussen et al., Mich. Ext. B. 154 rev., 55 p., 1945, rev., 59 p., 1946.
 Robinson, N. Y. (G.) Farm Res. 13(2) 8, 1947.
 Robinson, N. Y. St. Hort. Soc. P. 92 140-149, 1947.
 i Rollins, Conn. Ext. B. 369, 10 p., 1945
 Sherwood, W. Va. Ext. C. 320 rev. 3-56, 1946.
 Swartwout & Martin, Mo. Ext. C. 506 rev., 8 p., 1945.
 Talbert, Gen. Hort. 217-223, 1946.
 Tisdale, Fla. Grow. 56 [i.e. 55](4) 25, 28, 1947.
 i Tukey, Amer. Fruit Grow. 67(8):16-17,48-49,53, 1947.
 Whitcomb, Arbor. News 10.9-14, 1945.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 52:50-67, 1946.
 i Williams, Conn. Ext. B. 377,28 p., 1946.
 Winter, Minn. Fruit Grow. 14(4):11, 1947.
 Young, N. Y. St. Hort. Soc. P. 90.115-121, 1945.
 Young, Ohio St. Hort. Soc. P. 78:188, 190-192,194,196,198,200, 1945.
 Young et al., Ark. Ext. Leaf. 81,8 p., 1947.
 Zehner, N. Y. St. Hort. Soc. P. 90.122-125, 1945.
 Ida. Ext. C. 96,7 p., 1947.
 i Ohio B. 655,63 p., 1945; B. 670,64 p., 1947. Also issued as Ohio Ext. B. 128 rev., 1945, rev., 1947.
SPRAYING - FRUIT - AIRCRAFT
 Teske, Va. Fruit 35(1):84-87, 1947.
 Tracy, Va. Fruit 35(1):87-92, 1947.

SPRAYING - FRUIT - AIRCRAFT--Continued.

- b Weinman & Powell, Ill. St. Hort. Soc. Trans. 80:110-120, 1947.
 i Whittall, Better Fruit 40(5).7-9, 1945.
SPRAYING - FRUIT - DDT
 Dewey et al., N. Y. St. Hort. Soc. P. 91 214-215, 1946.
 i Porter, Amer. Fruit Grow. 66(2): 12-13,32,34, 1946.
 i Reed et al., Amer. Fruit Grow. 66 (2) 15-16,41-42,44,46-47,51, 1946.
SPRAYING - FRUIT - DOSAGES
 Sorenson, Utah Ext. N. S. C. 127 rev.: 7, 1945.
SPRAYING - FRUIT - NORTHEAST
 Dewey, Amer. Fruit Grow. 66(2):48, 51, 1946.
SPRAYING - FRUIT - PACIFIC NORTH-WEST
 Childs, Amer. Fruit Grow. 66(2).24, 30,40, 1946.
SPRAYING - GARDENS
 Kelly, Green Thumb 2(5) 15-16, 1945.
 Parks, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25 43, 1946.
 Mich. Ext. B. 271 1,43-52, 1945.
SPRAYING - GRAIN BINS
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20 21-23, 1945.
SPRAYING - GRANARIES - DDT
 Annand, USDA EPQ R. f. 1945/46 6.
SPRAYING - GRAPEFRUIT - EFFECT ON COLORING
 Camp et al., Fla. R. f. 1945.46 153-154.
SPRAYING - GRAPES
 i Anderson, Grape Grow. 1(2).10-11, 1947.
 Chandler, Ill. St. Hort. Soc. Trans. 79 289, 1946.
 Cox et al., Food Packer 26(11) 33-36, 1945.
 Firor, Ga. Ext. B. 518 rev. 17-19, 1946.
 Johnson, Conn. B. 488-418-419, 1945.
 i Talbert, Mo. C. 316.20-24, 1947.
SPRAYING - GROUND
 Jardine et al., USDA OES R. f. 1944/45.52, 1946.
SPRAYING - HAZARDS & SAFEGUARDS
 Mattoon, For. Leaves 37(5/6) 9, 1947.
SPRAYING - HORSES
 Gentry, Vet. Med. 42.186, 1947.
 Pullen, Blood-Horse 45 532, 1946.
SPRAYING - KITCHENS & DINING ROOMS - DDT
 i Sandholzer & Lemon, Food Indus. 18:1000, 1946.
SPRAYING - LATRINES
 Furman, J. Ec. Ent. 39:541-542, 1946.
 Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:21-22, 1946.
SPRAYING - LIVESTOCK
 Cory & Langford, J. Ec. Ent. 40:425-426, 1947.
 Jones et al., Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:23, 1946.
 Morrison & Rasmussen, Oreg. C. Inform. 383:3, 1946.

SPRAYING - LIVESTOCK--Continued.

- i Radeleff, Vet. Med. 42:372-373, 1947.
- i Snipes, Pests 15(10):20,22,24, 1947.

SPRAYING - LIVESTOCK - DDT

- Bruce et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:37-39, 1947.
- b Telford & Guthrie, Agr. Chem. 1(3): 29-31,54-55, 1946.

SPRAYING - LOADING PLATFORMS - DDT

- i Sandholzer & Lemon, Food Indus. 18: 863, 1946.

SPRAYING - LOGS

- Becker, Mass. B. 428:40-42, 1945.
- Daviault, Quebec Min. Lands & For. R. f. 1945/46:123, 1947.

SPRAYING - LOGS, ELM

- bi Connola et al., N. Y. (C.) B. 841:4-29,40-41, 1947.

SPRAYING - LUMBER

- DeGryse, Can. Lumberm. 65:60, 1945.

SPRAYING - MILITARY ZONES

- Brother & Angley, Air Surg. Bul. 2: 54-55, 1945.

SPRAYING - MILLS - DDT

- Mocine, Amer. Mill. 74(1):137, 1946.

SPRAYING - MUNICIPALITY

- Bradley & Lyman, N. J. Moso. Exterm. Assoc. P. 34:43-47, 1947.
- Elmendorf et al., Amer. J. Trop. Med. 27:137-144, 1947.

- Muma, Neb. Ext. CC 100,3 p., 1947.

- Taggart & Osmun, Pub. Works 77(11): 29-30, 1947.

SPRAYING - MUNICIPALITY - ALA-BAMA (BIRMINGHAM)

- Snyder, Sci. News Let. 52:76, 1947.

SPRAYING - MUNICIPALITY - ALA-BAMA (DEMOPOLIS)

- Crockett, Med. Assoc. Ala. J. 16:347-348, 1947.

SPRAYING - MUNICIPALITY - ALA-BAMA (WHEELER RESERVOIR)

- b Hinman & Cutkomp, Amer. J. Trop. Med. 27:448-461, 1947.

SPRAYING - MUNICIPALITY - COSTS

- Melnick et al., U. S. Pub. Health Rpts. 62:919, 1947.

- Potts et al., Natl. Shade Tree Conf. P. 23:189, 1947.

SPRAYING - MUNICIPALITY - DELAWARE (Wilmington)

- Sci. News Let. 52:149, 1947.

SPRAYING - MUNICIPALITY - GEORGIA (MUSCOGEE CO.)

- Andrews, Cal. Mosq. Control Assoc. P. 15:59-60, 1947.

SPRAYING - MUNICIPALITY - GEORGIA (SAVANNAH)

- Annand, USDA EPQ R. f. 1945/46:8.

SPRAYING - MUNICIPALITY - IDAHO (CALDWELL)

- Sci. News Let. 52:231, 1947.

SPRAYING - MUNICIPALITY - ILLINOIS (CLARKE, N. J. Mosq. Exterm. Assoc. P. 34:128-131, 1947.

SPRAYING - MUNICIPALITY - ILLINOIS (EVANSVILLE)

- Eberlin, Sci. News Let. 52:76, 1947.

SPRAYING - MUNICIPALITY - ILLINOIS (ROCKFORD)

- Melnick et al., U. S. Pub. Health Rpts. 62:915-919,921, 1947.

SPRAYING - MUNICIPALITY - IOWA (Best & Hilmyer, Sat. Even. Post 220 (12):12, 1947.

- Soap & Sanit. Chem. 23(5):167,169, 1947.

SPRAYING - MUNICIPALITY - MANILA (Griffiths, J. Ec. Ent. 39:750-755, 1946

SPRAYING - MUNICIPALITY - MEXICO (TEMIXCO & SANTA INES)

- b Gahan & Payne, Amer. J. Hyg. 45: 123-132, 1947.

SPRAYING - MUNICIPALITY - NEW JERSEY (PATERSON)

- i Melnick et al., U. S. Pub. Health Rpts. 62:912-915,921, 1947.

SPRAYING - MUNICIPALITY - OKLA-HOMA

- Griffith, Okla. Acad. Sci. P. 27:29-30, 1947.

SPRAYING - MUNICIPALITY - TEXAS (SAN ANTONIO)

- Steinrock, Mosq. News 6:141-153, 1946.

SPRAYING - NIGHT WORK

- Ohio B. 655:47, 1945; 670:47-48, 1947.

SPRAYING - NONSTOP SYSTEM

- i Chandler, Ill. B. 519:314-315, 1946.

SPRAYING - ONIONS

- Borden, Cal. C. 365:46-47, 1946.

SPRAYING - ORCHARDS, see SPRAYING - FRUIT

SPRAYING - PACKAGING MATERIALS

- Annand, USDA EPQ R. f. 1945/46:6.

SPRAYING - PEACHES

- Blackburn & Peterson, Ohio St. Hort. Soc. P. 79:84-88,90-93, 1946.

- Rollins, Conn. Ext. B. 369:9-10, 1945.

- Sherwood, W. Va. Ext. C. 320 rev.:28-32, 1946.

- Snapp, Amer. Fruit Grow. 66(2):24, 1946.

- Steiner, Pa. St. Hort. Assoc. P. 87: 38-40, 1946.

SPRAYING - PEARS

- Borden, Pear Grow. League Ann. Mar. 1946:23-25.

- Childs et al., Oreg. Ext. B. 663:3-4, 6-11,14-16, 1946.

- Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:18-21, 1945.

- Sherwood, W. Va. Ext. C. 320 rev.: 28, 1946.

SPRAYING - PLUMS

- Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:28-29, 1945.

- Sherwood, W. Va. Ext. C. 320 rev.: 16-17, 1946.

SPRAYING - POTATOES

- i Barrus & Leiby, N. Y. (C.) Ext. B. 518 rev.:2-7,11-16, 1945.

- Berkeley et al., Amer. Potato J. 23: 285-290, 1946.

- i Berkeley et al., Ont. Crop Impr. Assoc. Potato Sect. Addresses & P. f. 1946:62-66.

SPRAYING - POTATOES--Continued.

- i Beverly, Maine Ext. B. 341.29-30, 32, 1946.
- Bourne, Mass. B. 428:37, 1945; 436:38-39, 1946; 441:35-36, 1947.
- Boyd, Hawaii Ext. C. 47 rev., 2 p., 1945.
- b Bronson & Smith, J. Ec. Ent. 39 189-194, 1946.
- Campbell & Filmer, Hints to Potato Growers 26(10).1-3, 1946.
- b Ellis, Soil Sci. Soc. P. 9.131-132, 1945.
- Gyrisko et al., J. Ec. Ent. 39.205-208, 1946.
- Henderson, West. Colo. Hort. Soc. Trans. f. 1946:30-35, 1947.
- Morofsky & Muncie, Mich. Ext. B. 181 rev., 2-3, 1946.
- Muncie & Morofsky, Phytopathology 36 407, 1946. (Abs.)
- Muncie & Morofsky, Mich. TB 204, 23 p., 1947.
- Simpson et al., Maine Ext. B. 361.3-4, 1947.
- Sleesman et al., Amer. Potato J. 22:242-250, 1945.
- i Slosser, Agr. Engin. 26,453-455, 1945.
- Thurston, Pa. B. 480 sup. 3:8-9, 1947.
- Tussing, Veg. Grow. Assoc. Amer. R. 37 208-212, 1945.
- Tussing, Ohio Veg. & Potato Grow. Assoc. P. 31:208-212, 1946.
- i Werner, Neb. B. 384.79-82, 1947.
- Wilson & Sleesman, Ohio Bimo. B. 30 (232) 28-30, 1945.
- Wilson & Sleesman, Veg. Grow. Assoc. Amer. R. 37:193-208, 1945.
- i Wis. Ext. C. 4H-48.19-20,22, 1945.
- SPRAYING - POTATOES - EFFECT ON BLOOMING**
- b Wilson & Sleesman, Amer. Potato J. 23:57-64, 1946.
- SPRAYING - POTATOES - EFFECT ON YIELD**
- Bonde & Snyder, Maine B. 449:266-271,273-275,343-346,348,350,354-356, 1947.
- Linn, Ill. Veg. Grow. B. 7(2):10-14, 1947.
- Muncie & Morofsky, Amer. Potato J. 24:183-187, 1947.
- b Wilson & Sleesman, Amer. Potato J. 24:260-266, 1947.
- SPRAYING - POULTRY HOUSE**
- Alp & Pilchard, Ill. Ext. C. 452 rev.:30-31, 1946.
- SPRAYING - POULTRY PLANTS**
- i Brandly & Hamann, U. S. Egg & Poult. Mag. 52:212-215, 1946.
- SPRAYING - QUINCES**
- Blackburn & Peterson, Ohio St. Hort. Soc. P. 79:88-90,92-93, 1946.
- Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:30-31, 1945.
- SPRAYING - RICE FIELDS**
- Wisecup et al., J. Ec. Ent. 38:686-688, 1945.
- SPRAYING - SCREENS - DDT**
- Elmendorf, Amer. J. Trop. Med. 26:663-685, 1946.

SPRAYING - SHADE TREES

- Spicer, Horticulture 24:342, 1946.
- SPRAYING - SHEDS (OPEN) - DDT**
- Sandholzer & Lemon, Food Indus. 18:863, 1946.
- SPRAYING - SHEEP**
- Lacey, Wool Grow. News 13(1)4, 1947.
- i Manis et al., Ida. B. 269:30-31, 1947.
- i O'Connell, Wool Sack 15(8)2, 1947.
- SPRAYING - SHEEP - DDT**
- Baker, Mangt. & Feeding of Sheep: 217-223, 1947.
- Harney, Natl. Wool Grow. 36(6):17-18, 35, 1946.
- i McDonald, N. Dak. Ext. C. 190.34, 1947.
- SPRAYING - SMALL PLOTS**
- Apple, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:41-42, 1946.
- SPRAYING - SWEET CORN**
- Gould, Ind. R. 59.12, 1946.
- i Sweet, Ohio Veg. & Potato Grow. Assoc. P. 32:90-93, 1947.
- SPRAYING - TENTS - DDT MIXTURES**
- Ginsberg & Hansens, N. J. Mosq. Exterm. Assoc. P. 33:21-22, 1946.
- SPRAYING - TOBACCO WAREHOUSES**
- i Tenhet, USDA EPQ ET-231,4 p., 1946.
- SPRAYING - TOMATOES**
- Young, Tex. C. 113.59-61, 1946.
- SPRAYING - TOMATOES - EFFECT ON YIELD**
- Wylie & Wilson, Fla. R. f. 1946/47:183.
- SPRAYING - TURKEY RANCHES - DDT**
- McNeil & Hinshaw, Cal. Turkey News, Sept. 1945.15,43.
- SPRAYING - VEHICLES - DDT**
- Sandholzer & Lemon, Food Indus. 18:863, 1946.
- SPRAYING - VETERINARY AUTOPSY ROOM**
- Hanawalt, M. S. C. Vet. 5:164-166, 1945.
- SPRAYING - VINEYARDS**
- Jones et al., J. Ec. Ent. 39:770-774, 1946.
- SPRAYING - WAREHOUSES**
- Sandholzer & Lemon, Food Indus. 18:1000, 1946.
- i Tenhet, USDA EPQ ET-231,4 p., 1946.
- SPRAYING - WAREHOUSES - WOOL**
- i Collins & Glasgow, J. Ec. Ent. 39.241-245, 1946.
- SPRAYING vs. DUSTING - CORN**
- Questel, J. Ec. Ent. 38:52-56, 1945.
- SPRAYING APPARATUS**
- Abildgaard et al., Oreg. St. Hort. Soc. R. 37:35-39, 1945.
- i Anderson, Grape Grow. 1(2):10-11, 1947.
- Anderson & Brooks, J. Ec. Ent. 40:200, 1947.
- Annand, USDA EPQ R. f. 1945/46:4-5.
- Balner, Cal. Citrog. 32:150-151, 1947.
- i Baker et al., U. S. Pub. Health Rpts. 62:598-599,605, 1947.
- i Baker et al., Wash. B. 497:34,36-37, 58, 1947.

SPRAYING APPARATUS--Continued.

- Barger, Iowa St. Hort. Soc. Trans. 80:61-62, 1945.
- 1 Barnes, Conn. Pom. Soc. P. 56:168, 1947.
- 1 Barrus & Leiby, N. Y. (C.) B. 518 rev.:5-7, 1945.
- 1 Bigger et al., J. Ec. Ent. 40:404, 1947.
- Blauvelt, Amer. Rose Mag. 7:4, 1946.
- Bronson & Smith, J. Ec. Ent. 39:189, 1946.
- 1 Chandler, Ill. St. Hort. Soc. Trans. 78:133-139, 1945.
- 1 Chandler, Ill. B. 519 308-316, 1946.
- Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:54-56, 1947.
- Clark, Iowa St. Hort. Soc. Trans. 82:121-125, 1947.
- Clarke, N. J. Mosq. Exterm. Assoc. P. 34:128-129, 1947.
- 1 Connoia et al., N. Y. (C.) B. 841:10-11, 1947.
- Cory, Amer. Nurseryman. 85(7) 81-82, 1947.
- Cutright & Sutton, Ohio St. Hort. Soc. P. 100:58, 1947.
- 1 Davis, Amer. Soc. Agron. J. 39:835-836, 1947.
- Downs & Pittendrigh, Amer. J. Trop. Med. 26:61-62, 1946.
- Doyle et al., Quebec Soc. Protect. Plants R. 30:159, 1947.
- 1 Drake, Iowa Dept. Agr. YB 47:142, 154, 1947.
- 1 Drake et al., Iowa Dept. Agr. YB 47:110-111, 1947.
- 1 Ellis & Swaney, Soilless Growth of Plants ed. 2:206-210, 1947.
- 1 English, Amer. Camellia YB 1:38-39, 1946.
- 1 Farish, Miss. Farm Res. 8(4):7, 1945.
- 1 Flinger, Kans. C. 235:47-48, 1946.
- Free, Gardening rev.:469-470, 1947.
- 1 French, Agr. Chem. 1(8):15-17, 51, 1946.
- 1 Gilbert & Reed, N. J. Mosq. Exterm. Assoc. P. 32:230-236, 1945.
- 1 Glover, Wines & Vines 27(3):18-20, 1946.
- 1 Gould, Food Packer 27(6):68-69, 1946.
- Hanawalt, M. S. C. Vet. 5:166-177, 1945.
- 1 Harney, Natl. Wool Grow. 36(6):17-18, 35, 1946.
- 1 Harvill, U. S. Nav. Med. B. 44:627-628, 1945.
- 1 Henderson, N. J. Mosq. Exterm. Assoc. P. 32:77-79, 1945; 33:39-42, 1946.
- Henderson, USDA EPQ E-681:2, 1946.
- Hilborn et al., Maine Ext. B. 358:10, 1947.
- Hines & Lyle, Miss. Ext. C. 114 rev.:1, 1945; rev.:1, 1946.
- Hines & Murphree, Miss. Ext. C. 114 rev.:1, 1947.
- Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:62.

SPRAYING APPARATUS--Continued.

- 1 Hixson & Stiles, Okla. Ext. C. 418:6, 1945.
- Hood, Assoc. South. Agr. Workers P. 44:55-56, 1947. (Abs.)
- Hopperstead, Del. B. 259 37, 1945.
- 1 Howard & Brooks, Cal. Ext. C. 117 rev.:17-18, 1947.
- 1 Howard et al., USDA Misc. Pub. 526 rev.:42-47, 1945.
- Howell et al., Rocky Mountain Conf. Ent. R. 18 5.
- 1 Imes et al., USDA FB 909 rev. 7-8, 1947.
- Irons, Agr. Chem. 2(5):23-24, 1947.
- Jardine et al., USDA OES R. f. 1943/44:51, 1945.
- Jeffers, Md. Agr. Soc. R. 31:111-113, 1947.
- Jeffers, Md. St. Hort. Soc. P. 49:22-24, 1947.
- Karr et al., Wash. St. Hort. Assoc. P. 43:115-123, 126-141, 143-146, 1947.
- 1 Kelley, Ill. Ext. C. 524:32-33, 1947. (Repr.)
- 1 Kent, Pop. Mech. Mag. 85(5) 97-103, 1946.
- Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:59, 1946.
- Lecrone, Okla. Ext. C. 108 rev. 4-7, 1946.
- 1 Lincoln, Ark. Ext. C. 438:14, 1945.
- 1 McClintock & Fisher, Spray Chem. & Appl. Equip.:194-199, 207-219, 229-234, 237-249, 255-282, 293-296, 1945.
- Marshall, Can. Hort. Grow. Ed. 69:201, 1946.
- Massey et al., N. Y. St. Hort. Soc. P. 90 112-113, 218-225, 1945.
- 1 Melnick et al., U. S. Pub. Health Rpts. 62:911, 1947.
- Morrison et al., Oreg. C. Inform. 382:3, 1946.
- Mote et al., Oreg. Ext. B. 676:7, 1947.
- Painter, Can. Cattlem. 7:164, 1945.
- Palm, N. Y. St. Hort. Soc. P. 90:30-33, 1945.
- 1 Palm, Agr. Chem. 1(3):14-18, 62-65, 1946.
- Palmer, Ind. Hort. Soc. Trans. 85:56-58, 1946.
- Parker et al., Man. for Cit. Grow. ed. 3:41, 1947.
- 1 Parks & Allison, Ohio Ext. B. 252: rev.:68-70, 1945.
- 1 Parks & King, Ohio Ext. B. 76 rev.:49-51, 1947.
- 1 Pepper, N. J. C. 495:11-12, 1945.
- Phillips & Cole, Fla. B. 411 rev.:58, 1947.
- 1 Porter, Smithsn. Inst. R. f. 1944:351, 1945.
- Porter, Pa. St. Hort. Assoc. P. 87:91-92, 1946.
- Powell, Ill. St. Hort. Soc. Trans. 78:83-84, 1945.
- 1 Pratt et al., N. Y. (C.) Ext. B. 696 rev.:31, 37, 1947.
- Rasmussen, N. H. Hort. Soc. J. 10:31-34; Mass. Fruit Grow. Assoc. R. 53:58-60, 1947.

SPRAYING APPARATUS--Continued.

- Redd, Citrus Ind. 26(6) 7,9,11,14-15, 22, 1945.
 i Robinson, N. Y. (G.) Farm Res. 13 (2):8, 1947.
 Robinson, N. Y. St. Hort. Soc. P. 92 142-149, 1947.
 i Romney et al., USDA EPQ E-672 3, 16, 1945.
 i Rosborough et al., Tex. Ext. B. 73 rev. 13, 1947.
 i Russell et al., Pract. Malar. 419-421,525-530, 1946.
 Salter, USDA PISAE R. f. 1944/45 15-16, f. 1945/46 57-58. f. 1946/47. 69-70
 Sammis, Mosq. News 6 140-141, 1946.
 i Schwardt, N. Y. (G.) Farm Res. 12 (3) 1-2, 1946.
 Schwardt, N. Y. St. Assoc. Milk Sanit. R. 20 162, 1947.
 i Sherwood & Bishop, W. Va. Ext. C. 325 rev. 57, 1945.
 Shoff, Ill. St. Hort. Soc. Trans. 80 153-156, 1947.
 i Shull et al., Ida Ext. B 155-5-9,1945
 i Slosser, Agr. Engin. 26 459-462,464, 468, 1945.
 Smith et al., in Hutchison, Cal. Agr. 258, 1946.
 i Snell, N. Mex. Stockm. 10(4) 20-21, 1945
 i Stage, N. J. Mosq. Exterm. Assoc. P. 32 64,70, 1945.
 Stage, J. Ec. Ent. 40 760, 1947.
 i Stearns et al., N. J. Mosq. Exterm. Assoc. P. 34 86-89, 1947.
 Stenbure, U. S. Pub. Health Rpts. 62 678, 1947.
 i Stetson, Crown 34a 10-11, 1945.
 i Sweet, Ohio Veg. & Potato Grow. Assoc. P. 32:90-93, 1947.
 Taggart, Cornell Vet. 36.167-168, 1946
 i Talbert, Gen. Hort..225-230,232, 1946.
 Tate, Neb. St. Bd. Agr. R. f. 1945-435.
 Tate, Amer. Assoc. Cereal Chem. Trans. 4.42, 1946.
 i Tate & Hill, Neb. Ext. C. 1529.2,5, 1945.
 Thompson, Fla. St. Hort. Soc. P. 59 62-63, 1946.
 Tisdale, Can. Chem. & Process Indus. 29:77, 1945.
 Tisdale, Internatl. Apple Assoc. P. 53: 96-98, 1947.
 Tisdale, Mich. St. Hort. Soc. R. 76: 32-33, 1947.
 i Tukey, Amer. Fruit Grow. 67(8):16-17,48-49, 1947.
 i Van Doren, Amer. Fruit Grow. 67(1): 11-12, 1946.
 Vernon, Ill. St. Hort. Soc. Trans. 80: 252-255, 1947.
 i Westcott, Gard. Bug Book:37-40, 1946.
 i White & Doolittle, USDA Misc. Pub. 605:29, 1946.
 Williams, Conn. Ext. B. 377:19-20, 1946.
 Wisecup et al., J. Ec. Ent. 38:434-435, 1945.

SPRAYING APPARATUS--Continued.

- Young, Ill. St. Hort. Soc. Trans. 80 87-89, 1947.
 i Ohio B. 655 44-49, 1945, 670 44-49, 1947.
 i USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests 5-6, 1947.
 i USDA EPQ Orlando, Fla., Lab., USDA Misc. Pub. 606 13-16,22-29, 1946.
 USDA Tree Nuts Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946 7, 1947.
 i U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Impound. Water 177-181,211-215,218, 221,400-402, 1947.
 U. S. War Dept. TB MED 184 2-3, TB Med 194(PB-2436) 10-15,19-20, 1945
 i Wis. Ext. C. 4H-48 22, 1945.
 SPRAYING APPARATUS, *see also* AEROSOLS - APPARATUS, AIRCRAFT SPRAYING - APPARATUS; DISINFESTATION - AIRCRAFT - APPARATUS, LABORATORY APPARATUS - SPRAYING APPARATUS, MOSQUITO CONTROL - EQUIPMENT - SPRAYING APPARATUS
 SPRAYING APPARATUS - AIR BLAST
 Rasmussen, N. Y. St. Hort. Soc. P. 92 218-219, 1947.
 i Young, Amer. Fruit Grow. 65(11) 22,33,35-36, 1945.
 Zehner, N. Y. St. Hort. Soc. P. 90 122-125, 1945.
 SPRAYING APPARATUS - BOOM SPRAYERS
 i Burdick, Ohio St. Hort. Soc. P. 100 174-178, 1947.
 Burrell, N. Y. St. Hort. Soc. P. 90. 126-130, 1945.
 i Clark & Hoveland, Wis. B. 466.22, 1945.
 i Cox, J. Ec. Ent. 40:195, 1947.
 i Manis et al., Ida B. 269.30-31, 1947.
 i Mills & Dewey, N. Y. (C.) Ext. B. 306 rev. 49-50, 1946.
 i O'Connell, Wool Sack 15(8):2, 1947.
 i Woglum, Cal. Citrog. 32.77, 1946.
 SPRAYING APPARATUS - BOOM SPRAYERS - WIND
 Keller, Mo. St. Hort. Soc. P. f. 1945/46 91-94.
 Keller, Ill. St. Hort. Soc. Trans. 79 70-73, 1946.
 SPRAYING APPARATUS - BOOM SPRAYERS (SLOSSER)
 i Bronson et al., Maine B. 442.135-136, 1946.
 i Clarkson & Roberts, N. B. Dept. Agr. R. f. 1945/46:85,97-98, f. 1946/47:95,98-99.
 i Slosser, Agr. Engin. 26:453-455, 1945
 SPRAYING APPARATUS - CARE & REPAIR
 i Cooper, Macdonald Col. J. 5(7):4-5, 1945.
 Hutson, East. Fruit Grow. 9(11):15, 22, 1947.
 Kiplinger, Ohio Flor. Assoc. Month. B. 198:12, 1946.

- SPRAYING APPARATUS - CARE & REPAIR**--Continued.
Knowlton, Ins. Pests & Ins. Control: 4-5, 1947.
i McCall, Pa. Ext. Leaf. 115,8 p., 1945
Ohio Flor. Assoc. Month. B. 210:8, 1947.
- SPRAYING APPARATUS - DDT**
i Feiner, Food Indus. 17.1448-1449, 1945.
i Heinemann, Mil. Surg. 97.399-401, 1945.
Maxwell, Cal. Mosq. Control Assoc. P. 14:21-23, 1946.
i Stierli et al., U. S. Pub. Health Rpts. Sup. 186:51-65, 1945.
i Stocking & Medley, U. S. Army Med. Dept. Bul. 7:650-654, 1947.
Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19:30,32, 1946.
i U. S. Army Med. Dept. Bul. 88:33, 1945.
U. S. Navy BUMED News Let. 6(12): 14-15, 1945.
- SPRAYING APPARATUS - DDT - COMPRESSED AIR**
i Morgan et al., U. S. Nav. Med. Bul. 47:529-535, 1947.
- SPRAYING APPARATUS - DEMONSTRATIONS**
Garman, Conn. Pom. Soc. P. 56.165-166, 1947.
- SPRAYING APPARATUS - DEPRECIATION**
Cal. Ext. Cost of Prod. Study on Almonds Stanislaus Co. 1945.12.14.
- SPRAYING APPARATUS - DOUBLE-NOZZLED**
Starr, Science 102:156-157, 1945.
- SPRAYING APPARATUS - DRIVING SPEED**
Redd, Fla. St. Hort. Soc. P. 58:111-112,114-116, 1945.
- SPRAYING APPARATUS - DRY ICE PRESSURE**
Kiker & Sparkman, Natl. Malar. Soc. J. 4:216-217, 1945.
- SPRAYING APPARATUS - ELECTRIC**
i Sima, Amer. Mill. 73(4):92, 1945.
- SPRAYING APPARATUS - ELECTRIC, HUDSON**
i Roberts, Flor. Exch. 108(14):16, 1947.
- SPRAYING APPARATUS - GROUND COVER**
Steiner, J. Ec. Ent. 38:117-118, 1945.
- SPRAYING APPARATUS - HAND**
Annand, USDA EPQ R. f. 1945/46:20.
i King, Better Homes & Gard. 25(2): 15, 1946.
Wisecup et al., Mosq. News 6:14, 1946.
- SPRAYING APPARATUS - HAND - ADAPTION**
i Hammer & Tukey, Amer. Nurserym. 88(4):15, 1947.
- SPRAYING APPARATUS - HAND - COMPRESSED AIR**
Ferguson, U. S. Pub. Health Rpts. 62: 298,301, 1947.
- SPRAYING APPARATUS - HAYES SPRAY GUN**
i Hayes Spray Gun Co., The Battle of the Bugs, 13 p., 1947.
- SPRAYING APPARATUS - HOMEMADE**
i N. Dak. Ext. C. AE-23,8 p., 1947.
- SPRAYING APPARATUS - HOMEMADE - GREENHOUSE**
i Kilian, Amer. Orchid Soc. B. 16:504, 1947.
- SPRAYING APPARATUS - INJECTOR MIXER**
i Dean, Better Fruit 39(10):13, 1945.
- SPRAYING APPARATUS - JEEP**
i Meister, Amer. Fruit Grower 65(9): 20, 1945.
- SPRAYING APPARATUS - KNAPSACK SPRAYER**
Fisher, Natl. Butter & Cheese J. 38 (8):91, 1947.
i Lecker, Ind. Ext. B. 239 rev.3,1947.
- SPRAYING APPARATUS - MANUFACTURERS**
McClintock & Fisher, Spray Chem. & Appl. Equip. 305-307, 1945.
- SPRAYING APPARATUS - MIST BLOWERS**
Annand, USDA EPQ R. f. 1944/45:6; f. 1945/46:17; f. 1946/47:22.
Becker, Mass. B. 44:42, 1947.
Creighton, Fla. St. Hort. Soc. P. 60. 216, 1947.
Creighton, Natl. Shade Tree Conf. P. 23:119, 1947.
Harding, Natl. Shade Tree Conf. P. 23:194-198, 1947.
i Jones et al., J. Ec. Ent. 39:770-771, 774, 1946.
Lawrence, Natl. Shade Tree Conf. P. 23:154, 1947.
Meserve, Natl. Shade Tree Conf. P. 23:161-162, 1947.
Newdick, Maine Dept. Agr. Bien. R. f. 1944/46:58-59.
i Parker, Agr. Chem. 1(5):34,51, 1946.
i Potts, Ohio St. Hort. Soc. P. 100: 189-193, 1947.
i Potts & Friend, Conn. B. 501:47-60, 1946.
i Potts & Friend, Pop. Sci. Month. 151(2):130, 1947.
i Potts et al., Natl. Shade Tree Conf. P. 23:184-193, 1947.
Scanlon, Natl. Shade Tree Conf. P. 23:198-199, 1947.
i Slate, Conn. R. f. 1944/45:13-14,25; f. 1945/46:8,10.
Starnner, Natl. Shade Tree Conf. P. 23:204-205, 1947.
Warner, Natl. Shade Tree Conf. P. 23:199-204, 1947.
Weiss, N. J. Dept. Agr. R. 31:155, 1946.
Wheeler, Natl. Shade Tree Conf. P. 23:206-210, 1947.
- SPRAYING APPARATUS - MIST BLOWERS (PORTABLE)**
i Potts & Spencer, USDA EPQ ET-234.2 p., 1947.
- SPRAYING APPARATUS - MIST BLOWERS (WHEELBARROW)**
Potts, Shade Tree 20(2):3-4, 1947.
- SPRAYING APPARATUS - MULTI-SPRAY**
Starr, Science 102:156-157, 1945.

SPRAYING APPARATUS - OUTLOOK
Ingerson, Ohio St. Hort. Soc. P. 100.
163-169, 1947.

SPRAYING APPARATUS - PORTABLE
i Hart & Hansens, N. J. Mosq. Exterm.
Assoc. P. 34.144-148, 1947.

Milliman, Better Fruit 41(9) 12, 1947.

SPRAYING APPARATUS - PORTABLE -
DDT RIG

i Latimer, Milk Dealer 35(2).50, 1945.

SPRAYING APPARATUS - POWER
Graham, B. C. Lumberm. 29(4) 38-39,
1945.

i Kelly, Kans. Ext. Livestock Ins. Con-
trol in Kans. 6-9,17-18, 1946?

Lafferty, N. J. Mosq. Exterm. Assoc.
P. 34 181-182, 1947.

Steiner, Amer. Assoc. Econ. Ent. N
Cent. Sts. Branch P. 25 43-44, 1946.

i Tenhet, USDA EPQ ET-231,4 p., 1946.
Weaver et al., S. Dak. Ext. Leaf. 102
7-8, 1946. (Repr.)

SPRAYING APPARATUS - POWER -
SMALL

i Johnson, U. S. Army Med. Dept. Bul.
88 115-116, 1945.

SPRAYING APPARATUS - POWER
(BEAN POTATO SPRAYER)
Neiswander, Ohio Veg. & Potato Grow.
Assoc. P. 31 118, 1946.

SPRAYING APPARATUS - POWER
TRUCK

i Yettaw, Mosq. News 6 27-29, 1946.

SPRAYING APPARATUS - PUMP OILER
i Kelsheimer, Fla. PB 631 3, 1947.

SPRAYING APPARATUS - SERVICE
RIGS

i Woglum, Cal. Fruit Grow. Exch. Pest
Control C Subject Ser. 5,8 p., 1947.

i Woglum & Lewis, Cal. Citrog. 32
285,306-307, 1947.

SPRAYING APPARATUS - SPEED
SPRAYERS

i Barton & Gilbert, N. J. St. Hort. Soc.
Hort. News 26 1673,1676, 1945.

Beneway, N. Y. St. Hort. Soc. P. 92
152-154, 1947.

Blair, Can. Hort. Grow. Ed. 68 185,
1945.

i Borden, Better Fruit 39(12):9,15,
1945.

i Burrell, N. Y. St. Hort. Soc. News
Let. 1(4):2-3, 1945.

i Chandler, Ill. B. 519:309,315, 1946.

Creighton, Fla. St. Hort. Soc. P. 60:
216, 1947.

Creighton, Natl. Shade Tree Conf. P.
23:118, 1947.

Griffiths et al., Fla. St. Hort. Soc. P.
60:83, 1947.

Hough, N. Y. St. Hort. Soc. P. 90.194,
1945.

i Ingerson, Can. Hort. Grow. Ed. 68.
91-92, 1945.

Lininger et al., Pa. B. 475:27, 1945.

Marshall & Miles, Wash. St. Hort. As-
soc. P. 43:108-114, 1947.

Merritt et al., N. Y. St. Hort. Soc. P.
91:256-259, 1946.

Miller, Pa. St. Hort. Assoc. News 22
(1):30-32,34-35, 1945.

SPRAYING APPARATUS - SPEED
SPRAYERS--Continued.

i Newcomb, Agr. Chem. 2(3) 26-27,
63, 1947.

O'Neill, Better Fruit 40(8) 16, 1946.
Palm, Agr. Chem. 1(3):63, 1946.

i Peterson, Amer. Fruit Grow. 65(2)
13,32-35, '945.

Strasensburgh, N. Y. St. Hort. Soc. P.
92 154-156, 1947.

Whitcomb et al., Mass. Fruit Grow.
Assoc. R. 52 59-60, 1946.

Wooster, N. Y. St. Hort. Soc. P. 92
151-152, 1947.

Young, N. Y. St. Hort. Soc. P. 90 119-
120, 1945.

Young, Ohio St. Hort. Soc. P. 78 192,
194,196,198, 1945.

SPRAYING APPARATUS - SPRAY
CHAMBER (SMALL)

bi Hoskins & Caldwell, Soap & Sanit.
Chem. 23(4).143-145,161,163,165,
167, 1947.

SPRAYING APPARATUS - SPRAY-
DUSTERS

Annand, USDA EPQ R. f. 1944/45 41.
Barden, Mich. St. Hort. Soc. R. 75'
130-131, 1946.

Barnes, N. Y. St. Hort. Soc. P. 91'
152-155, 1946.

i Chisholm et al., USDA EPQ ET-237
3, 1947.

Clark, Iowa St. Hort. Soc. Trans. 82
91-96, 1947.

Creighton, Fla. St. Hort. Soc. P. 60
216, 1947.

Creighton, Natl. Shade Tree Conf. P.
23 118, 1947.

Hamilton & Mack, N. Y. St. Hort. Soc.
P. 91.155-159, 1946.

Hamilton & Mack, N. Y. (G.) R. 65 38,
1947.

Hinman & Cowan, USDA EPQ E-722:
4, 1947.

Keller, Mo. St. Hort. Soc. P. f.
1945/46:91-94.

McC Campbell, West. Colo. Hort. Soc.
Trans. f. 1944.80-81, 1945.

Mack, N. Y. (G.) R. 65.28, 1947.

i Mack & Hamilton, Blue Anchor 22
(3):14-15, 1945.

i Mack & Hamilton, N. Y. (G.) Farm
Res. 11(2):8-9, 1945.

Marshall, Wash. St. Hort. Assoc. P.
42.68, 1946.

Marshall & Miles, Wash. St. Hort.
Assoc. P. 43:110-111, 1947.

Massey et al., N. Y. St. Hort. Soc. P.
91:254-256, 1946.

i Palm, Agr. Chem. 1(3):63-64, 1946.

Parker, Ohio St. Hort. Soc. P. 100:
205-209, 1947.

Rasmussen, N. Y. St. Hort. Soc. P. 92:
219, 1947.

W. Va. Agr. Expt. Sta. & USDA EPQ,
Cumberland-Shenandoah Fruit Work-
ers' Conf. P. 23:[6-7], 1946.

SPRAYING APPARATUS - SPRAY-
DUSTERS (AMPHIBIOUS)

i Easter et al., Mosq. News 6:118-119,
1946.

- SPRAYING APPARATUS - SPRAY-DUSTERS (CORNELL)**
i Pratt, N. Y. St. Hort. Soc. P. 92:132-140, 1947.
- SPRAYING APPARATUS - SPRAY-DUSTERS (TURBINE)**
Gardiner, Can. Min. Agr. R. f. 1946/47: 87.
- SPRAYING APPARATUS - SPRAY MAST**
Cornwall, N. Y. St. Hort. Soc. P. 92: 150-151, 1947.
Rasmussen, N. Y. St. Hort. Soc. P. 92: 217-218, 1947.
Young, N. Y. St. Hort. Soc. P. 90:117-118, 1945.
Young, Ohio St. Hort. Soc. P. 78:191-192, 1945.
- SPRAYING APPARATUS - STAINLESS STEEL**
i Lofstrand Co., Soap & Sanit. Chem. 22(4):173, 1946.
- SPRAYING APPARATUS - STATIONARY**
i Brisco, Cit. Leaves 26(8):6-7, 1946.
Burkholder & Heinton, Ind. R. 58:69, 1945; 59:67, 1946.
- SPRAYING APPARATUS - STEAM SPRAYER**
i Formeister, Food Indus. 18:505, 1946
- SPRAYING APPARATUS - SUCTION TANK FILLER**
i Dean, Better Fruit 39(10):13, 1945.
- SPRAYING APPARATUS - SUPPLIES**
Lupton, Amer. Pom. Soc. P. 60:60-62, [1945].
Phipps, Green Thumb 2(3):3, 1945.
- SPRAYING APPARATUS - SWAMP GLIDER**
Annand, USDA EPQ R. f. 1946/47:45.
- SPRAYING APPARATUS - SYMPOSIUM**
Young et al., Ohio St. Hort. Soc. P. 100:161-214, 1947.
- SPRAYING APPARATUS - TOWER**
i Chandler, Ill. B. 519:310-312, 1946.
i Michelbacher et al., Cal. C. 365:79-80, 1946.
- SPRAYING APPARATUS - TWELVE-ROW SPRAYER**
i Gould, Ind. R. 59:11, 1946.
- SPRAYING APPARATUS - TWO-WAY HEAD**
Young, Ohio St. Hort. Soc. P. 78:198, 200, 1945.
- SPRAYS - ADULT, see also MOSQUITOES - SPRAYS - ADULT**
- SPRAYS - ADULT - RESIDUAL**
Annand, USDA EPQ R. f. 1946/47 17-21.
Cutkomp, J. Ec. Ent. 40:328-333, 1947.
Durham, Assoc. Oper. Mill. B., Oct. 1947:1626.
Henderson, USDA YB f. 1943/47 645.
b Madden et al., J. Ec. Ent. 38:265-271, 1945; 40:119-123, 1947.
- SPRAYS - ADULT - RESIDUAL - DDT**
Balzer & Cotton, USDA FB 1906 rev. 24, 1947.
Bradley & Fritz, Natl. Malar. Soc. J. 6:117-121, 1947; 8:141-145, 1946.
Burton, U. S. Navy BUMED News Let. 7(4):15, 1946.
DeAtley, Pests 15(1):34, 1947.
- SPRAYS - ADULT - RESIDUAL - DDT-- Continued.**
Durham, Amer. Mill. 75(4):43-44, 1947.
Gahan & Lindquist, J. Ec. Ent. 38:223-230; Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:71, 1945. (Abs.)
b Gahan & Payne, Salub. y Asist. (Mexico):71-78, 1946.
b Gahan & Payne, Amer. J. Hyg. 45. 123-132, 1947.
Gahan et al., J. Ec. Ent. 38:231-235, 236-240, 1945.
Gardiner, Can. Min. Agr. R. f. 1946/47: 98-99.
Gerlach, Milk Dealer 36(10):158-159, 1947.
Gray, Cal. Mosq. Control Assoc. P. 14:61-63, 1946.
Heinemann, Mil. Surg. 97:399-401, 1945.
Henderson, N. J. Mosq. Exterm. Assoc. P. 32:75-80, 1945.
Henderson, Ice Cream Field 49(1) 26, 30, 34, 1947.
Henderson, Ice Cream Rev. 30(10) 76, 78, 80, 1947.
Hixson & Stiles, Okla. Ext. C. 418.5, 1945.
Holmes, Bakers' Helper 86(1074):80, 82-83, 1946.
Knupling, USDA Agr. Res. Adm. R.A.S. 83 (E), 1 p., 1947.
Knowles & Smith, U. S. Pub. Health Rpts. 60:1276-1279, 1945.
Langford & Cory, J. Ec. Ent. 38 203-204, 1945.
Lawrence, Natl. Shade Tree Conf. P. 23:153-155, 1947.
Lindquist et al., J. Ec. Ent. 38:257-261, 1945.
bi Link, Natl. Malar. Soc. J. 6:124-130, 1947.
McGowan & Gray, Cal. Mosq. Control Assoc. P. 15 137-138, 1947.
b Madden et al., J. Ec. Ent. 38:265-271, 1945.
Marshall, U. S. War Dept. TB Med 164:6-7, 1945.
Marshall & Ulilo, U. S. War Dept. TB Med 142.9, 1945.
i Monro et al., Soap & Sanit. Chem. 23(8):123, 125, 127, 129, 143, 145, 1947.
Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:337-338, 340.
Simmons, J. Ec. Ent. 39:15, 1946.
Strode, Rockefeller Found. Internatl. Health Div. R. f. 1945:37-38, f. 1946:50-51, 69-71.
Tower, Maine For. Serv. C. 7:8, 1947.
Vollrath, Hawaii Ext. C. 220:3, 1947.
Warner, Med. Assoc. Ala. J. 15:174-175, 1945.
Weaver et al., S. Dak. Ext. Leaf. 102 5, 1946. (Repr.)
Weed, Mod. Hosp. 66(1):120, 122, 1946
White, Milk Plant Month. 36(2):38, 1947.
Wisecup & Shillinger, Fla. Ent. 28: 27-29, 1945.

SPRAYS - ADULT - RESIDUAL - DDT -
EFFECT OF LIGHT
Lindquist et al., J. Ec. Ent. 39:55-59,
1946.

SPRAYS - ADULT - RESIDUAL - DDT -
TOXICITY
Knowles & Smith, U. S. Pub. Health
Rpts. 61:1806-1810, 1946.

SPRAYS - ADULT - RESIDUAL - DDT &
OIL
Hansens, Sewage Works J. 19:516-517,
1947.

SPRAYS - ADULT - RESIDUAL - DDT &
XYLENE
i Henderson, N. J. Mosq. Exterm. As-
soc. P. 33:39-40, 1946.

Reeves, Cal. Mosq. Control Assoc. P.
14 59-60, 1946.

SPRAYS - ADULT - RESIDUAL - DDT &
XYLENE & TRITON X-100
Watson et al., Natl. Malar. Soc. J. 5
200, 1946.

SPRAYS - ADULT - RESIDUAL - DDT
MIXTURES
Baillie, Can. J. Pub. Health 37:214-
216, 1946.

Bishopp & Henderson, USDA Leaf. 182
rev. 5-7, 1946.

b Hess & Keener, Amer. J. Hyg. 45
133-143, 1947.

SPRAYS - ADULT - RESIDUAL - TESTS
b Knippling, Natl. Malar. Soc. J. 5 113-
115, 1946.

Stearns, Soap & Sanit. Chem. 23(1)
118-119, 141, 1947.

SPRAYS - BLOSSOM
Williams, Conn. Ext. B. 377 4, 1946.

SPRAYS - CALYX
Borden, Cal. C. 365:72-73, 75-76, 1946.
Cleveland, Amer. Pom. Soc. P. 60
161, [1945.]

Cleveland, Va. Fruit 33(1) 180, 1945.
Cutright & Vogel, Ohio St. Hort. Soc.
P. 78:56-57, 1945.

Dean, N. Y. (G.) Farm Res. 11(3) 6,
1945.

Dean & Chapman, N. Y. (G.) B. 716
26-27, 30-32, 39-40, 1946.

List, West. Colo. Hort. Soc. Trans. f.
1945:75, 79, 1946.

List et al., West. Colo. Hort. Soc.
Trans. f. 1945:141-142, 1947.

Mills & Dewey, N. Y. (C.) Ext. B. 473
rev.:11-12, 19-20, 22, 24, 26, 30, 1945.

711:11-12, 47-48, 55-57, 75, 1947.

Nichols et al., Iowa St. Hort. Soc.
Trans. 80:103, 1945.

Powell et al., Ill. Ext. C. 568 rev.:10,
1945, rev. 10, 1946, 610:10-11,
1947.

Sherwood, W. Va. Ext. C. 320 rev.:18-
19, 30, 34-35, 1946.

Talbert, Mo. B. 509:33, 1947.

i Williams, Conn. Ext. B. 377.5, 1946.
N. J. Ext. Spray Calendar 16:4; 17:5,
1946.

Va. Ext. B. 131 rev.:8, 17, 1947.

SPRAYS - COMBINATION
Borden, Blue Anchor 23(1):20, 1946.
Childs et al., Oreg. Ext. B. 663:6,
664:9, 1946.

SPRAYS - CONCENTRATES
Annand, USDA EPQ R. f. 1944/45:6,
f. 1945/47 17.

Cruz Monclova, D.D.T. Insectic.:55-
70, 1946.

Echols, Amer. Brahman J. 1(6):8-9,
1946.

b Ferguson, U. S. Pub. Health Rpts.
62 296-302, 1947.

Garman, Conn. B. 512 70-75, 1946.

b Geer, Natl. Res. Council Ins. Con-
trol Com. R. 185, 29 p., 1946.

Jones & Fluno, J. Ec. Ent. 39 536-
537, 1946.

b Jones et al., Soap & Sanit. Chem.
22(12):155, 157, 165, 1946.

i Kemp, Md. R. 59:17-20, 1946.

Kido & Allen, Agr. Chem. 2(6):21-23,
67, 69, 1947.

Knippling, Natl. Malar. Soc. J. 4 88,
1945.

Knutson, R. I. Dept. Agr. & Conserv.
R. 12 32-33, 36, 38, 40, 1947.

Lange, Cal. C. 365:39-40, 48-51, 1946.

Lindquist et al., Soap & Sanit. Chem.
21(7) 109, 111, 113, 119, 1945.

Marshall & Miles, Wash. St. Hort.
Assoc. P. 43 109-114, 1947.

Palm, N. Y. (G.) Farm Res. 11(4) 16,
1945.

i Parker, Agr. Chem. 1(5):34, 51, 1946.

Paxton, Ohio St. Hort. Soc. P. 100
170-174, 1947.

i Potts, Can. Dept. Agr. Div. Ent. For.
Ins. Invest. Bimo. Prog. R. 2(1) 7-8,
1946.

Potts, J. Ec. Ent. 39 717-719, 1946.

i Potts, Ohio St. Hort. Soc. P. 100
189-193, 1947.

Potts, Trees 7(5) 8-9, 18, 20, 1947.

i Potts & Friend, Conn. B. 501 47-60,
1946.

Potts et al., J. Ec. Ent. 38 497, 1945.

i Potts et al., Natl. Shade Tree Conf.
P. 23:183-193, 1947.

i Rice et al., J. Ec. Ent. 39 652-658,
1946.

bi Schroeder & Lindquist, Soap &
Sanit. Chem. 22(6):149-151, 173, 1946.

Schroeder et al., Soap & Sanit. Chem.
22(4) 145, 147, 153, 1946.

Smith, Amer. Assoc. Econ. Ent. N.
Cent. Sts. Branch P. 25 39-41, 1946.

Smith & Lange, Cal. C. 365 52-54,
1946.

Stafford & Frazier, Cal. C. 365 67,
69-70, 1946.

Trullinger et al., USDA OES R. f.
1945/46:116-117, 1947.

Vernon, Ill. St. Hort. Soc. Trans. 80
254-255, 1947.

USDA EPQ Orlando, Fla., Lab. USDA
Misc. Pub. 606:26-29, 1946.

SPRAYS - CONTACT
Back, USDA Leaf. 145 rev. 4, 1947.

Gray, Pests 13(11):28, 1945.

Gray & Smallman, Can. Dept. Agr.
Div. Ent. Processed Pub. 20:21-23,
1945.

Skovholt & Hanschka, Cracker Baker
35(11):39-40, 1946.

SPRAYS - COVER

- Armstrong, Ky. Fruit Notes 3(1):1-2, 1946.
 Borden, Cal. C. 365:72-73,75-76, 1946.
 Borden, Pear Grow. League Ann. Mar. 1946:23.
 Cleveland, Amer. Pom. Soc. P. 60: 161-162, 1945?
 Cleveland, Va. Fruit 33(1):180-181, 1945.
 Cutright & Vogel, Ohio St. Hort. Soc. P. 78:56-57, 1945.
 Graham & Cory, Md. St. Hort. Soc. P. 49:28-31, 1947.
 Harman, J. Ec. Ent. 40:256-258, 1947.
 Hough, Va. Fruit 34:132-134, 1946.
 Karr et al., Wash. St. Hort. Assoc. P. 43:119, 1947.
 List, West. Colo. Hort. Soc. Trans. f. 1945:78-79, 1946.
 List et al., West. Colo. Hort. Soc. Trans. f. 1945:139,141-143, 1946.
 Marcovitch & Stanley, Tenn. R. 59:93, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 711: 12-15,34-36, 1947.
 Nichols et al., Iowa St. Hort. Soc. Trans. 80:103-105, 1945.
 Powell et al., Ill. Ext. C. 568 rev.:11-18, 1945; rev.:11-18,21-22, 1946; 610:11-13,15-18, 1947.
 Sherwood, W. Va. Ext. C. 320 rev.:19-20,30-32,35-36, 1946.
 Webster & O'Neill, Wash. B. 470:37-38, 1945.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 51:117-119, 1945.
 Williams, Conn. Ext. B. 377:5-6, 1946.
 N. J. Ext. Spray Calendar 16:4-5, 17: 6-9, 1946.
 Va. Ext. B. 131 rev.:8-9,17, 1947.
 W. Va. Agr. Expt. Sta. & USDA EPQ, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:[6], 1946.
- SPRAYS - COVER - DDT**
 Harman, N. Y. St. Hort. Soc. P. 92:39-40, 1947.
 O'Neill & Lipovsky, Wash. St. Hort. Assoc. P. 42:62, 1946.
 Richardson, Iowa R. f. 1946/47 pt. 1: 202.
 Woodside, Va. Fruit 34(3):16, 1946.
- SPRAYS - COVER - DDT & DN-111**
 Buchanan, Wash. B. 482:41, 1946.
- SPRAYS - COVER - DDT MIXTURES**
 Sherwood, Mountaineer Grow. 16(160): 8, 1946.
- SPRAYS - COVER - LEAD ARSENATE**
 Jones, Oreg. C. Inform. 375:2-3, 1946.
- SPRAYS - COVER, GROUND**
 Steiner, J. Ec. Ent. 38:117-119, 1945.
 Steiner, Pa. B. 475:29, 1945.
- SPRAYS - COVERAGE, see SPRAY COVERAGE**
- SPRAYS - DEPOSITS**
 Borden, Pear Grow. League Ann. Mar. 1946:24-25.
 i Chandler, Ill. B. 519:309-314,321-322, 1946.
 Connell & Beacher, Del. B. 265:20-24, 27, 1947.
 Filinger, Kans. C. 235:47-48, 1946.

SPRAYS - DEPOSITS--Continued.

- Graham & Cory, Md. St. Hort. Soc. P. 49:27-33, 1947.
 Hamilton & Mack, N. Y. (G.) R. 65: 38, 1947.
 i Hough, Va. B. 388:6-8, 1946.
 Mack, N. Y. (G.) R. 65:28, 1947.
 Overley, Wash. B. 470:88-89, 1945.
- SPRAYS - DEPOSITS - ANALYSIS**
 bi Gunther et al., J. Ec. Ent. 39:624-627, 1946.
 Walker, Wash. B. 470:32, 1945.
- SPRAYS - DEPOSITS - ARSENIC**
 Burkholder, Ohio St. Hort. Soc. P. 78: 89, 1945.
- SPRAYS - DEPOSITS - DDT**
 Annand, USDA EPQ R. f. 1945/46:10.
 Graham, Md. Agr. Soc. R. 31:116-122, 1947.
 Kendeigh, Ont. Dept. Lands & For. Div. Res. Biol. B. 1:14-15, 1947.
 Wisecup et al., Mosq. News 7:106-107, 1947.
- SPRAYS - DEPOSITS - DDT - DETERMINATION**
 i Fahey, Assoc. Off. Agr. Chem. J. 28:152-158, 1945.
- SPRAYS - DEPOSITS - DDT & OIL**
 Ebeling, J. Ec. Ent. 38:556-557, 1945.
 Fisher, Fla. R. f. 1946/47:168-169.
- SPRAYS - DEPOSITS - DDT MIXTURES**
 Marshall & Miles, Wash. St. Hort. Assoc. P. 43:110-111, 1947.
- SPRAYS - DEPOSITS - LEAD ARSENATE**
 Garman, J. Ec. Ent. 38:341-343, 1945.
- SPRAYS - DEPOSITS - LEAD ARSENATE & SULFUR**
 i Lathrop et al., Maine B. 449-406-411,433, 1947.
- SPRAYS - DEPOSITS - OIL**
 Chapman, Pa. St. Hort. Assoc. P. 88: 78-81, 1947.
 Chapman & Pearce, Agr. Chem. 2(4): 36, 1947.
 bi Redd, Fla. St. Hort. Soc. P. 58:108-116, 1945.
 b Redd, Indus. & Engin. Chem. Anal. Ed. 17:621-623, 1945.
- SPRAYS - DEPOSITS - SULFUR**
 Hamilton & Mack, N. Y. St. Hort. Soc. P. 91:158-159, 1946.
- SPRAYS - DEPOSITS - TESTS**
 Graham & Cory, J. Ec. Ent. 40:752-754, 1946.
 Zehner, N. Y. St. Hort. Soc. P. 90: 124-125, 1945.
- SPRAYS - DORMANT**
 Bourne & Whitcomb, Mass. B. 428: 34, 1945.
 Chandler, Ill. St. Hort. Soc. Trans. 80:133,135-136,139, 1947.
 Chapman, N. Y. (G.) R. 63:22-23, 1945.
 Chapman, Pa. St. Hort. Assoc. P. 88: 73-82, 1947.
 Cleveland, Ill. St. Hort. Soc. Trans. 80:192-195,197-201, 1947.
 Crowley, Wash. B. 470:82, 1945.
 Dean, N. Y. (G.) Farm Res. 11(3):8, 1945.
 Dean, N. Y. (G.) R. 65:22-23, 1947.

SPRAYS - DORMANT--Continued.

- Dewey, N. Y. St. Hort. Soc. P. 92:189-190, 1947.
 Ferguson et al., La. Ext. B. 7:15, 1947. (Repr.)
 Graham et al., Md. Ext. B. 105:7, 1945.
 Hartzell, N. Y. (G.) Farm Res. 12(1):7-8, 1946.
 Hockey et al., N. S. Fruit Grow. Assoc. R. 82:84, 1945; 83:147, 1946, 84 159, 1947.
 Millman, Better Fruit 41(8):36-37, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:5-7,18,23,30, 1945.
 Newcomer & Overley, West. Coop. Spray Proj. Conf. R. 19:1-3, 1945.
 Nichols et al., Iowa St. Hort. Soc. Trans. 80 102, 1945.
 Phillips, Fla. R. f. 1946/47 66.
 Powell et al., Ill. Ext. C. 568 rev. 6-7, 21, 1946, 610:6-7, 1947.
 Plummer, East. Fruit Grow. 9(6) 10, 40, 1946.
 Rasmussen et al., Mich. Ext. B. 154 rev. 18-22, 1946.
 Ross & Armstrong, Can. Dept. Agr. Div. Ent. Processed Pub. 40 1, 1946.
 Sherwood, W. Va. Ext. C. 320 rev. 16, 30,34, 1946.
 Sherwood, Mountaineer Grow. 16(160) 5,7, 1946, 17(163):2-3, 1947.
 Talbert, Mo. B. 509.33, 1947.
 Talbert, Mo. St. Hort. Soc. Hort. News 7(11):4, 1947.
 Thompson, Fla. St. Hort. Soc. P. 59 61-65, 1946.
 Warner, Amer. For. 51 232, 1945.
 b Wester, Amer. Soc. Hort. Sci. P. 46 412-421, 1945.
 Whitcomb, Mass. Ext. Fruit Notes, Mar. 8, 1945:7-8.
 Whitcomb et al., Mass. Fruit Grow. Assoc. R. 52:61-63, 1946.
 Wildon et al., Mich. Ext. B. 269.25-26, 270:33, 1945.
 i Williams, Conn. Ext. B. 377 3,5,7,13-15, 1946.
 Mo. Agr. Col. Depts. Hort. & Ent., Mo. Ext. C. 540.3-4, 1947.
 N. J. Ext. Spray Calendar 16 2, 17.3, 1946.
 Va. Ext. B. 131 rev.:7,17, 1947.
 Wash. Ext. B. 279 rev.:3-4,14, 1947.
 West. Coop. Spray Proj. Conf., Agr. Chem. 2(3):33,35, 1947.
- SPRAYS - DORMANT - DINITRO COMPOUNDS**
 Hamilton, N. Y. St. Hort. Soc. P. 92:158,162, 1947.
 Va. Ext. B. 131 rev.:33-34, 1947.
- SPRAYS - DORMANT - DINITRO COMPOUNDS & OIL**
 Cutright, Ohio B. 673:64, 1947.
- SPRAYS - DORMANT - DINITRO-O-CRESOL & OIL EMULSION**
 Haseman, Mo. B. 510:34, 1947.
- SPRAYS - DORMANT - DINITRO-O-CRESOL (NITRO KLEENUP)**
 Va. Ext. B. 131 rev.:34, 1947.

SPRAYS - DORMANT - DINITRO-O-CRESOL (ORTAZOL)

- Va. Ext. B. 131 rev. 34, 1947.
- SPRAYS - DORMANT - DINITRO-O-CYCLOHEXYLPHENOL**
 Rasmussen et al., N. H. Ext. C. 280 5, 1947.
- SPRAYS - DORMANT - DOWSPRAY**
 Va. Ext. B. 131 rev. 34, 1947.
- SPRAYS - DORMANT - ELGETOL & KRENITE**
 Va. Ext. B. 131 rev. 34, 1947.
- SPRAYS - DORMANT - HYTOX, see SPRAYS - DORMANT - TAR OIL (HYTOX)**
- SPRAYS - DORMANT - LIME-SULFUR**
 Shaw et al., Wash. St. Dept. Agr. Ec. Poisons B. 8 3, 1946.
 Oreg. C. Inform. 407 4, 1947.
- SPRAYS - DORMANT - LIME-SULFUR & OIL**
 Karr et al., Wash. St. Hort. Assoc. P. 43:120-122,132, 1947.
- SPRAYS - DORMANT - LIME-SULFUR & OIL EMULSION**
 Childs et al., Oreg. Ext. B. 663:16, 1946.
- SPRAYS - DORMANT - NITRO KLEEN-UP, see SPRAYS - DORMANT - DINITRO-O-CRESOL (NITRO KLEENUP)**
- SPRAYS - DORMANT - OIL**
 Annand, USDA EPQ R. f. 1946/47 10.
 Chandler, Ill. St. Hort. Soc. Trans. 79 124-125, 1946.
 Chapman & Pearce, Agr. Chem. 2(3):19-20, (4):37, 1947.
 Childs et al., Oreg. Ext. B. 663:16; 664 11-12, 1946.
 Cleveland, West. Colo. Hort. Soc. Trans. f. 1944:32-35, 1945.
 Cutright, Ohio Bimo. B. Farm & Home Res. 32 52, 1947.
 Dean & Chapman, N. Y. (G.) B. 716 16-23,40, 1946.
 Edmondson, Wyo. Ext. C. 58 rev. 32, 1945.
- Gardiner, Can. Min. Agr. R. f. 1945/46:69-70.
- Hamilton, N. Y. St. Hort. Soc. P. 92 158,162, 1947.
- Hammer & Sherman, Mich. Quart. B. 29.205-207, 1947.
- Karr et al., Wash. St. Hort. Assoc. P. 43:120-121,139, 1947.
- Lecrone, Okla. Ext. C. 108 rev. 10, 1946.
- Mills & Dewey, N. Y. (C.) Ext. B. 711. 6-8,47,85-87, 1947.
- Pearce & Chapman, N. Y. (G.) Farm Res. 13(2):1, 1947.
- Rasmussen et al., N. H. Ext. C. 280:3-5, 1947.
- Richardson, Iowa St. Hort. Soc. Trans. 82:141, 1947.
- Shaw et al., Wash. St. Dept. Agr. Ec. Poisons B. 8 1-2, 1946.
- Smith, Cal. Ext. C. 46 rev.:42, 1947.
- Stafford & Barnes, Cal. Univ. Div. Ent. & Parasit., Control of Fig Scale:1-2, 1947.

- SPRAYS - DORMANT - OIL--Continued.
Steiner, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:47, 1947.
Ohio B. 655:21-23, 1945, 670:22-24, 1947.
Oreg. C. Inform. 407.4, 1947.
Va. Agr. Expt. Sta. Ent. Sect., Gard. Gossip 21(11):14, 1946.
- SPRAYS - DORMANT - OIL & BOR-DEAUX
Powell & Chandler, Ill. Fruit Exch. News 10(9):2, 1946.
- SPRAYS - DORMANT - OIL EMULSION
Bissell & Firor, Ga. Ext. B. 501 rev.: 23, 1946, rev.:23, 1947.
Childs et al., Oreg. Ext. B. 663:16, 1946.
McDaniel, Tenn. Hort., Dec. 6, 1946.3.
Morrow, Green Thumb 3(6):18-21, 1946.
Ritcher, Ky. Fruit Notes 3(4):7, 1947.
- SPRAYS - DORMANT - OIL MIXTURES
Robertson, B. C. Dept. Agr. R. 40. V53, 1946.
- SPRAYS - DORMANT - ORTAZOL, see SPRAYS - DORMANT - DINITRO-O-CRESOL (ORTAZOL)
- SPRAYS - DORMANT - TAR OIL
Va. Ext. B. 131 rev.:33, 1947.
- SPRAYS - DORMANT - TAR OIL (HY-TOX)
Phillips, Fla. R. f. 1944/45:63.
- SPRAYS - DORMANT, DELAYED
List et al., West. Colo. Hort. Soc. Trans. f. 1945:139,141-143, 1946.
i Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:8-9, 1945; 711:7-8, 1947.
Ross, Can. Dept. Agr. Div. Ent. Proc-essed Pub. 61:1, 1947.
Sherwood, W. Va. Ext. C. 320 rev.:16-17, 1946.
Sherwood, Mountaineer Grow. 17(163): 2-3, 1947.
N. J. Ext. Spray Calendar 16:2, 17:3, 1946.
Va. Ext. B. 131 rev.:7-8, 1947.
- SPRAYS - DROPLET SIZE, see SPRAYS - PARTICLE SIZE
- SPRAYS - GREEN-TIP
i Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:7-8,28, 1945; 711:7-8,71, 1947.
- SPRAYS - HOUSEHOLD - TESTS
Cox, Cal. Dept. Agr. Sp. Pub. 213:7-15, 1945.
- SPRAYS - LEAD ARSENATE, BASIC
Jones et al., Oreg. C. Inform. 406:3-4, 1947.
- SPRAYS - ORCHARD - EFFECT ON FAUNA
b Lord, Can. Ent. 79:196-209, 1947.
b Pickett et al., Sci. Agr. 28:590-600, 1946.
- SPRAYS - PARTICLE SIZE
Annand, USDA EPQ R. f. 1945/46:8.
Batchelder, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:23-25, 1947.
Glasgow, Mosq. News 7:22-27, 1947.
Hurlbut et al., U. S. Nav. Med. Bul. 47:373-378, 1947.
Knippling, Natl. Malar. Soc. J. 5:116-117,120, 1946.
- SPRAYS - PARTICLE SIZE--Continued.
Madden et al., Mosq. News 6:9, 1946.
Metcalf et al., Cal. Mosq. Control Assoc. P. 15:26-30, 1947.
Potts, J. Ec. Ent. 39:717-719, 1946.
Potts, Trees 7(5):8-9,18,20, 1947.
Potts & Friend, Conn. B. 501:54-58, 1946.
Sehora et al., Mosq. News 6:169-170, 176, 1946.
Steiner et al., Ind. Hort. Soc. Trans. 84:27, 1945; 85:34,43, 1946. 86:95, 1947.
Tracy, Va. Fruit 35(1):90, 1947.
U. S. Pub. Health Serv. & Tenn. Val. Authority, Malar. Control on Im-pound. Water.165,167,172, 1947.
- SPRAYS - PARTICLE SIZE, see also AEROSOLS - PARTICLE SIZE
- SPRAYS - PARTICLE SIZE - EFFECT ON TOXICITY
bi Dustan & Putman, Can. Ent. 79. 216-221, 1947.
- SPRAYS - PETAL-FALL, see SPRAYS - CALYX
- SPRAYS - PINK
Dean & Chapman, N. Y. (G.) B. 716. 27,31, 1946.
Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:30, 1945.
Powell et al., Ill. Ext. C. 568 rev. 9, 1945; rev.:9, 1946, 610 9-10, 1947.
N. J. Ext. Spray Calendar 16:3-4, 17: 4-5, 1946.
- SPRAYS - PRE-BLOSSOM
Dewey, N. Y. St. Hort. Soc. P. 92:191-192, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:9-10,19,21,23-24,26, 1945, 711. 8-9,47,55-56,64, 1947.
Nichols et al., Iowa St. Hort. Soc. Trans. 80:103, 1945.
Sherwood, W. Va. Ext. C. 320 rev.: 17-18, 1946.
i Williams, Conn. Ext. B. 377:4, 1946.
N. J. Ext. Spray Calendar 16:3, 17. 4, 1946.
Va. Ext. B. 131 rev.:8, 1947.
- SPRAYS - PRE-BLOSSOM vs POST-BLOSSOM
Cox, J. Ec. Ent. 40:195-198, 1947.
- SPRAYS - PRE-PINK
Powell et al., Ill. Ext. C. 568 rev.:7, 1945; rev.:7, 1946.
- SPRAYS - PREPARATION & USE
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198:4, 1945.
- SPRAYS - SHUCK
Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:22-24,26-29, 1945; 711:56-57, 64-65,71-72, 1947.
Sherwood, W. Va. Ext. C. 320 rev.: 30,35, 1946.
Va. Ext. B. 131 rev.:17, 1947.
- SPRAYS - SPECIAL BLOOM
Mills & Dewey, N. Y. (C.) Ext. B. 473 rev.:10-11,19, 1945.
- SPRAYS - SPLIT
Borden, Blue Anchor 23(1):20, 1946.
Cleveland, Amer. Pom. Soc. P. 60: 159-161, 1945?

- SPRAYS - SPLIT--Continued.**
 Cleveland, Va. Fruit 33(1):178-180, 1945.
 Gardiner, Can. Min. Agr. R. f. 1946/47 84-85.
 List & Newton, Colo. Farm B. 8(3) 9-12, 1946.
 Marcovitch & Stanley, Tenn. R. 59 92, 1947.
 Newton & List, West. Colo. Hort. Soc. Trans. f. 1944 15-16, 1945.
 Wheeler & La Plante, N. Y. (G.) R. 64 33-34, 1946.
- SPRAYS - SUMMER**
 Chapman, N. Y. (G.) R. 64 31, 1946.
 Crowley, Wash. B. 470 92-93, 1945.
 Milliman, Better Fruit 41(8) 37-38, 1947.
 Mills & Dewey, N. Y. (C.) Ext. B. 473 rev. 12-14, 20-21, 27, 29, 1945, 711 11-15, 48-50, 72, 1947.
 Newcomer & Overley, West. Coop. Spray Proj. Conf. R. 19 4-6, 1945.
 Talbert, Mo. B. 509 33-34, 1947.
 Ohio Ext. B. 128, ed. 10, 24-33, Ohio B. 655 rev. 24-33, 1945.
 West. Coop. Spray Proj. Conf., Agr. Chem. 2(3) 35, 37, 1947.
- SPRAYS - SUMMER - OIL**
 Cleveland, West. Colo. Hort. Soc. Trans. f. 1944 35-38, 1945.
 Edmondson, Wyo. Ext. C. 58 rev. 32, 1945.
 Shaw et al. Wash. St. Dept. Agr. Ec. Poisons B. 9, 6 p., 1946.
 Ohio B. 655-24, 1945, 670.25, 1947.
- SPRAYS - TIMING**
 Borden, Pear Grow. League Ann. Mar. 1946 25.
 Borden & Madsen, Sunsweet Std. 31(7): 9, 1947.
 Bourne, Mass. B. 428-35-36, 1945.
 Boyce, Diamond Walnut News 28(3) 12, 1946.
 Chandler, Ill. B. 519:317-319, 1946.
 Dewey et al., N. Y. (C.) R. 59.123, 1947.
 Eyer & Enzie, N. Mex. B. 338 4-10, 1947.
 Hamilton, N. Y. St. Hort. Soc. P. 92 158, 1947.
 Hinrichs & Bieberdorf, Okla. Pecan Grow. Assoc. P. f. 1945:60.
 Kemp, Md. R. 58:18, 1945.
 Pierce, J. Ec. Ent. 39:76-78, 1946.
 Pyenson, J. Ec. Ent. 39:264, 1946.
 Rasmussen et al., Mich. Ext. B. 154 rev. 18-10, 1946.
 Sherwood, W. Va. Ext. C. 320 rev. 5, 1946.
 Thompson, Fla. R. f. 1944/45:168-169, 1946?; f. 1946/47:153-155.
 Thompson, Cit. Indus. 28(8):5-7, 1947.
 Thompson & Sites, Fla. St. Hort. Soc. P. 58:116-123, 1945.
 Whitcomb, Mass. Ext. Fruit Notes, May 29, 1947:6.
 Whitehead, J. Ec. Ent. 39:411-413, 1946.
 Williams, Conn. Ext. B. 377:23-24, 1946.
- SPRAYS - TOP-OFF**
 Burkholder, East. Fruit Grow. 8(10) 14-15, 1945.
 Burkholder, Md. Fruit Grow. 15(3):2, 4, 1945.
 Burkholder, Ohio St. Hort. Soc. P. 78 88-90, 1945.
 Powell et al., Ill. Ext. C. 568 rev. 10-11, 1946.
- SPRAYS - TREE-TRUNK**
 b Carlson & Yothers, J. Ec. Ent. 38 723, 1945, 39 408-410, 1946.
- SPRAYS - VAPOR-SPRAY**
 i Glover, Wines & Vines 27(3) 18-20, 29, 1946.
 Leiby & Barrus, N. Y. (C.) Ext. B. 435 rev. 8, 1945.
- SPRAYS - ZINC SULFATE & COPPER-LIME - EFFECT ON POTATO YIELD**
 Ellis, Soil Sci. Soc. P. 9.131-132, 1945.
- SPRAYS FOR CATTLE - DDT**
 Annand, USDA EPQ R. f. 1946/47 19-20.
 Fenton, Okla. Mimeo. C 148, 2 p., 1945.
 i Laake, J. Ec. Ent. 39.65-68, 1946.
 i McDowell, Tex. R. 58 54, 1946.
 Matysse, J. Ec. Ent. 39 62-65, 1946.
 Morris, Tex. Livestock J. 4(10):20-21, (11) 32-33, 1945.
- SPRAYS FOR CATTLE - DDT & ROTE-NONE**
 Squibb, Coastal Cattle. 11(8):23-24, 1945.
 Squibb, Sci. News Let. 49 115-116, 1946.
- SPRAYS FOR FLIES, see FLIES - SPRAYS**
- SPRAYS FOR SHEEP - DDT**
 Trullinger et al., USDA OES R. f. 1945/46.33, 1947.
- SPRAYS FOR WEEDS - EFFECT ON INSECTS**
 Steiner, J. Ec. Ent. 38 118, 1945.
- *SPRING CANKERWORM, see PALEA-CRITA VERNATA (Peck)**
- SPRINGTAILS, see COLLEMBOLA**
- *SPRUCE APHID, see APHIS ABIETINA Wlkr.**
- *SPRUCE BUDWORM, see CHORISTONEURA FUMIFERANA (Clem.)**
- *SPRUCE CONEWORM, see DIORYCTRIA RENCULELLA (Grote)**
- SPRUCE GALL APHIDS, see CHERMES ABIETIS (L.), CHERMES COOLEYI (Gill.)**
- *SPRUCE NEEDLE MINER, see TANIVA ALBOLINEANA (Kearf.)**
- SPRUCE SAWFLY, see NEODIPRION ABIETIS (Harr.)**
- *SPRUCE SPIDER MITE, see PARATETRANYCHUS UNUNGUIS (Jac.)**
- *SQUASH BEETLE, see EPILACHNA BOREALIS (F.)**
- *SQUASH BUG, see ANASA TRISTIS (DEG.)**
- SQUASH CAPSID, see PYCNODERES QUADRIMACULATUS Guér.**

- SQUASH INSECTS
Knowlton, J. Ec. Ent. 38:707, 1945.
i Parks & King, Ohio Ext. B. 76 rev.: 41-42, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4.110, 1947.
- SQUASH INSECTS - AEROSOLS
Wene, J. Ec. Ent. 40:676-678, 1947.
- SQUASH INSECTS - DUSTS
Allen & Chapman, Wis. B. 469.33-34, 1946.
Floyd, La. R. f. 1945/46:55, 1947.
Savage, Fla. R. f. 1946/47:205-206.
- SQUASH INSECTS - DUSTS - DDT
Bruce & Tauber, J. Ec. Ent. 38:440-441, 1945.
Dunavan, S. C. R. 58:64, 1946.
- *SQUASH VINE BORER, *see* MELITTIA CUCURBITAE (Harr.)
- SQUIRRELS - PESTS, *see* ECTOPARASITES - RODENTS
- *STABLE FLY, *see* STOMOXYS CALCITRANS (L.)
- STAGMOMANTIS Sauss. (LIMBATA COMPLEX) - OOTHECAE
bi Breland & Dobson, Ent. Soc. Amer. Ann. 40:558,565-568,575, 1947.
- STAGMOMANTIS sp.
Fautin, Ecol. Monog. 16.264, 1946.
- STAGMOMANTIS CALIFORNICA Rehn & Heb. - OOTHECAE
i Breland & Dobson, Ent. Soc. Amer. Ann. 40:557,562-564,567,570, 1947.
- STAGMOMANTIS CAROLINA Johann. (CAROLINA MANTIS)*
i Cassell, Nat. Hist. 54:277, 1945.
Day, Hoosier Outdoors 25(9):1,3, 1945.
- STAGMOMANTIS CAROLINA - OOTHECAE
bi Breland & Dobson, Ent. Soc. Amer. Ann. 40:557,559,562-567,570, 1947.
- STALK BORER, *see* PAPAPEMA NEBRIS (Guen.)
- STANTONIA LAMPROSEMAE Mues.
Plank, P. R. (Mayaguez) R. f. 1944:27, 1945.
- STAPHYLINUS BADIPIES Lec. - PROVENTRICULUS
bi Judd, Can. J. Res. Sect. D 25:119-121, 1947.
- STAPHYLINUS OLENS Müll.
Van Dyke, Pan-Pac. Ent. 21:10, 1945.
- STASISIA RODHAINI (Gedoelst) & MYIASIS
James, USDA Misc. Pub. 631:82-83, 1947.
- STEAM, *see* INSECTICIDES - STEAM; SOIL STERILIZATION - STEAM
- STEATOCOCCUS TUBERCULATUS Morr.
i Hughes-Schröder, J. Morph. 78(1): 44-83, 1946.
- STEEL-BLUE BLOWFLY, *see* CHRYSOMYIA MICROPOGON (Bigot)
- STEGASTA CAPITELLA (F.)
Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 1):4.
- STEGOBIUM PANICEUM (L.) (DRUGSTORE BEETLE)*
Bird et al., Can. Ins. Pest Rev. 25: 122, 1947.
Gray, Can. Food Packer 17(11):27, 1946.
- STEGOBIUM PANICEUM--Continued.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):10-11, 1946.
Michelbacher, Assoc. Oper. Mill. B., Feb. 1947:1579-1580.
Michelbacher, Pests 15(6):10,12, 1947.
- STEGOBIUM PANICEUM - NUTRITION
Fraenkel, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:2, 1947.
- STEGOBIUM PANICEUM - PACKAGED GOODS
i Michelbacher, Mod. Packaging 20(5): 144-145,170,172, 1947.
i Verdcourt, Mod. Packaging 21(3): 150-152, 1947.
- STEROXYS TRILINEATA (Thos.)
Ward, B. C. Dept. Agr. R. 41:W104, 1947.
- STEMMATOSTERES APTERUS Timb. - EGGS & LARVAE
i Maple, Cal. Univ. Pub. Ent. 8 109, 114, 1947.
- STENICHNUS OVIPENNIS Casey
Leech, B. C. Ent. Soc. P. 42 28, 1945.
- STENOCORUS FLAVOLINEATUS (Lec.), *see* TOXOTUS FLAVOLINEATUS Lec.
- STENOCORUS INQUISITOR (L.)
i Knoll, Ohio Biol. Surv. B. 39:174, 1946.
- STENOCRANOPHILUS QUADRATUS
Pierce
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
- STENOCRANUS Fieb. - AMERICA (NORTH OF MEXICO)
nik Beamer, Kans. Ent. Soc. J. 19 1-11, 1946.
- STENODONTES BITUBERCULATUS (Beauv.)
Martorell, P. R. Univ. J. Agr. 29:437, 1945.
- STENOLOPHUS FIDELIS Casey - ACETIC ODOR
Leech, Can. Ent. 79:141, 1947.
- STENONEMA FEMORATUM (Say) & LIGHT
Lyman, Ent. Soc. Amer. Ann. 38:234-236, 1945.
- STENOPELMATUS sp.
i Dodge, Poisonous Dwellers of the Desert:39-40, 1947.
- STENOPELMATUS FUSCUS Hald. (JERUSALEM CRICKET)*
Fautin, Ecol. Monog. 16:265, 1946.
- STENOPELMATUS FUSCUS - HEART - PHARMACOLOGICAL RESPONSES
Davenport, Anat. Rec. 99:669, 1947. (Abs.)
- STENOPELMATUS LONGISPINA Brunn.
i Woodson, Frontiers 10:144-145,147, 1946.
- STENOPONIA AMERICANA (Baker)
MacCreary, J. Ec. Ent. 38:127, 1945.
- STENOSPHEINUS NOTATUS (Oliv.)
i Knoll, Ohio Biol. Surv. B. 39:198, 1946.
- STENOSPHEINUS PICEUS Kull, S. TEXANUS Knoll
Knoll, Ent. News 57:253-255, 1946.

- STENOTARSUS HISPIDUS (Hbst.)
Frost, Psyche 53:21, 1946.
- STENUS Latr. (CROCEATUS GROUP)
bnik Sanderson, Ent. Soc. Amer. Ann.
39 425-430, 1946.
- STEPHANITIS PYRIOIDES Scott (AZA-
LEA LACE BUG)*
i Boyd, N. J. Dept. Agr. C. 355.76-77,
1945.
Davis, Azaleas & Camellias for the
Gard. 52.54-55, 1947.
Eddy, R. I. Dept. Agr. & Conserv. R.
10 54-55, 1945.
i Westcott, Sun-up 1(8).16,31, 1946.
- STEPHANITIS RHODODENDRI Horv.
(RHODODENDRON LACE BUG)*
i Boyd, N. J. Dept. Agr. C. 355 78-79,
1945.
Eddy, R. I. Dept. Agr. & Conserv. R.
10.54-55,57-58, 1945.
- STEPHANODERES Eichh., unidentified
spp.
Beal & Massey, Duke Univ. School
For. B. 10:115-117, 1945.
- STEPHANODERES sp.
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 2).7.
Roque, P. R. (Rio Piedras) R. f.
1943/44 30-31, 1946.
- STEPHANODERES BRAZILIENSIS Hopk.,
S. BRUNNEUS Hopk., S. BUSCKI
Hopk.
Martorell, P. R. Univ. J. Agr. 29.468-
469, 1945.
- STEPHANODERES CHAPUISI Eichh., see
STEPHANODERES DISSIMILIS
(Zimm.)
- STEPHANODERES DISSIMILIS (Zimm.),
S. FICUS Hopk.
Beal & Massey, Duke Univ. School
For. B. 10 110-113, 1945.
- STEPHANODERES GEORGIAE Hopk.
Beal & Massey, Duke Univ. School
For. B. 10:114-115, 1945.
Martorell, P. R. Univ. J. Agr. 29.469,
1945.
- STEPHANODERES INTERPUNCTUS
Hopk. 114, S. PECANIS Hopk. 115,
S. QUERCUS Hopk. 112, S. ROTUN-
DICOLLIS Eichh. 111, S. SALICIS
Hopk. 113
Beal & Massey, Duke Univ. School For.
B. 10: 1945.
- STEPHANODERES TRINITATIS Hopk.
Martorell, P. R. Univ. J. Agr. 29:469,
1945.
- STRICTIPHORA KRUGII (Cress.), see
SERICOCERA KRUGII (Cress.)
- STERILIZATION - BULBS
Stuart, South. Flor. 58(24):4,12, 1945,
Flor. Exch. 105(11):12,25, 1945.
- STERILIZATION - BULBS - APPARATUS
Courtney & Breakey, Wash. B. 470:
125, 1945.
- STERILIZATION - ELECTRONIC
Smallman, Wallerstein Lab. Commun.
8:163-164, 1945.
- STERILIZATION - INFRARED RADIA-
TION
Smallman, Wallerstein Lab. Commun.
8:163, 1945.
- STERNOCHETUS LAPATHI (L.), see
CRYPTORHYNCHUS LAPATHI (L.)
- STETHORUS PICIPES Casey - INSECTI-
CIDES - DDT
DeBach, J. Ec. Ent. 40 598, 1947.
- STETHORUS PUNCTUM (Lec.)
Dewey, N. Y. St. Hort. Soc. P. 92 50,
1947.
- STETHYNIUM ANNULATUM Doult -
CALIFORNIA
ni Doult, Pan-Pac. Ent. 23 152-154,
1947.
- STHENOPIS AURATUS Grote
Chagnon, Nat. Can. 74 176, 1947.
Chagnon, Quebec Soc. Protect. Plants
R. 30 179, 1947.
- STIBADIUM SPUMOSUM Grote (SUN-
FLOWER HEAD CUTWORM)
i Comstock, South. Cal. Acad. Sci. B
45 141-143, 1947.
Satterthwait & Swain, J. Ec. Ent. 39
578, 1946.
- *STICKTIGHT FLEA, see ECHIDNOPHA-
GA GALLINACEA (Westw.)
- STICTIA CAROLINA (F.)
Fattig, Emory Univ. Mus. B. No. 4 5,
1946.
- STICTIELLA PULLA (Hndl.)
La Rivers, Amer. Mid. Nat. 33 750,
758, 1945.
- STICTOCEPHALA FESTINA (Say)
(THREE-CORNERED ALFALFA
HOPPER)* & MOSAIC OF SUGAR-
CANE
Jensen, Hawaiian Ent. Soc. P. 12 563,
1946.
- STICTOCEPHALA ROTUNDATA Stal
Osorio, Control de Plagas 8 155,157,
1946.
- STIGMAEOPSIS CELARIUS Banks, see
SCHIZOTETRANYCHUS CELARI-
US (Banks)
- STIGMAEUS FLORIDANUS Banks, see
DOLICHOTETRANYCHUS FLORI-
DANUS (Banks)
- STIGMATOMMA ZWALUWENBURGI
Williams
ni Williams, Hawaiian Ent. Soc. P.
12:639-640, 1946.
- STIGMUS sp.
i Michener & Michener, Nat. Hist. 54.
119,144, 1945.
- STILBOMETOPA IMPRESSA (Bigot)
bi Herman, Cal. Fish & Game 31(1):
21-22, 1945.
- STILICOLINA Casey - NORTH AMERICA
nik Sanderson, Kans. Ent. Soc. J. 20:
27-30, 1947.
- STILPNOTIA SALICIS (L.) (SATIN MOTH)*
Bailey, Vt. Comnr. Agr. Bien. R. 23:
84, 1946.
Balch & Reeks, N. B. Dept. Lands &
Mines R. 110:66, 1947.
Davialt & Lambert, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1945:
24, 1946.
Gauthier, Can. Ins. Pest Rev. 24:32,
1946.
Harrison, N. S. Dept. Lands & For.
R. f. 1944:45, 1945; f. 1945:39, 1946
Hawboldt, N. S. Dept. Lands & For.
R. f. 1945/46:39, 1947.

STILPNOTIA SALICIS -Continued.

- Hood, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:19, 1946.
Hood & Schaffner, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:16, 1945.
Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:19, 1945.
Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:65, 1945; f. 1945:63, 1946; f. 1945:81, 1947.
Leech et al., Can. Ins. Pest Rev. 25:78, 1947.
Mathers, Can. Ins. Pest Rev. 24:121, 1946.
Patterson & Neary, Can. Ins. Pest Rev. 24:17, 1946.
Reeks, Can. Ins. Pest Rev. 24:28, 1946.
Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:8, 1945; f. 1945:13-14, 1946; f. 1946:13, 1947.
Richmond, Can. Ins. Pest Rev. 24:125, 1946.

STILPNOTIA SALICIS - PARASITES

- Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:14, 1946.

STINGLESS BEES, see MELIPONIDAE

STINK BUGS, see PENTATOMIDAE

STIVALIUS MORDAX (Rothsch.) & TYPHUS, SCRUB

- Blake et al., Amer. J. Hyg. 41:299, 1945.

STIZOCERA VANZWALJWENBURGI

- Fisher
Martorell, P. R. Univ. J. Agr. 29:438, 441, 1945.

STIZOIDES UNICINCTUS (Say)

- LaRivers, Amer. Mid. Nat. 33:758-759, 761, 1945.

STOMATOLYDELLA INFERNALIS Towns

- Krauss, Hawaiian Ent. Soc. P. 13:4, 1947.

STOMOXYS CALCITRANS (L.) (STABLE FLY)* (BITING HOUSE FLY) (DOG FLY)

- Bird et al., Can. Ins. Pest Rev. 25:115, 1947.
Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.
Blakeslee & Laake, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:17, 1945.
Dean et al., Kans. Ent. Soc. J. 18:92, 1945.
Gentry, Vet. Med. 42:186, 1947.
Hixson, Okla. Ext. C. 387 rev.:22-23, 1946.
Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):67, 1947.
McDaniel, J. Milk Technol. 8:338-340, 1945.
Parran, U. S. Pub. Health Serv. Ann. R. 73 [i.e. 74] 1944/45:95.
Ryan, Los Angeles Co. Cal. Agr. Commr. R. f. 1946/47:18.
Smith et al., Kans. Ent. Soc. J. 19:47, 1946.
Weaver et al., S. Dak. Ext. Leaf. 102:4-5, 1946. (Repr.)

STOMOXYS CALCITRANS--Continued.
Wressell, Can. Ins. Pest Rev. 24:59, 1946.

STOMOXYS CALCITRANS - BREEDING PLACES - MANURE

- Tanada et al., Hawaii R. f. 1944/46:71,73, 1947.

STOMOXYS CALCITRANS - BREEDING PLACES - MARINE GRASS

- Annand, USDA EPQ R. f. 1944/45:10, 43; f. 1945/46:39.

- b Blakeslee, J. Ec. Ent. 38:548-552, 1945.

- b Simmons & Dove, J. Ec. Ent. 38:23-25, 1945.

STOMOXYS CALCITRANS - BREEDING PLACES - PEANUT LITTER

- b Simmons & Dove, J. Ec. Ent. 38:23-25, 1945.

STOMOXYS CALCITRANS - INSECTICIDES

- Dove, J. Milk & Food Technol. 10:214-218, 1947.

STOMOXYS CALCITRANS - INSECTICIDES - DDT

- Bruce & Blakeslee, J. Ec. Ent. 39:368-370, 1946.

- Tanada et al., Hawaii R. f. 1944/46:71,73, 1947.

STOMOXYS CALCITRANS - MILITARY ZONES

- Annand, New Internatl. YB 1944:295, 1945.

- Annand, USDA EPQ R. f. 1944/45:43; f. 1945/46:39, f. 1946/47:45.

- i U. S. War Dept. TM 5-632 (PB-2435) 34-35, 1945.

STOMOXYS CALCITRANS - PREDATORS

- Bruce, Psyche 53:50-51, 1946.

- Wright, Fla. Ent. 28:11-13,31-32, 1945.

STOMOXYS CALCITRANS - REPELLENTS

- Travis et al., J. Ec. Ent. 39:628-630, 1946.

STOMOXYS CALCITRANS - SPRAYS

- Annand, USDA EPQ R. f. 1943/44:50, f. 1944/45:43.

- Bruce & Decker, J. Ec. Ent. 40:530-536, 1947.

- Munro et al., N. Dak. Bimo. B. 9:123, 127, 1947.

- b Sweetman, J. Ec. Ent. 40:565-566, 1947.

- Whitehead & Morrison, MacDonald Col. J. 7(9):8, 1947.

STOMOXYS CALCITRANS - SPRAYS - DDT

- b Blakeslee, J. Ec. Ent. 38:548-552, 1945.

- Brett & Fenton, South. Dairy Prod. J. 40(1):62-63, 1946.

- Bruce et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:38-39, 1947.

- Clyburn, S. C. R. 59:95, 1947.

- Dove, USDA EPQ E-673:8-9, 1945.

- Fenton & Brett, Okla. Mimeo. C. 156:1-2, 1946.

- Gentry, Iowa Vet. 18(3):14, 1947.

STOMOXYS CALCITRANS - SPRAYS - DDT --Continued.

- Hayship, Fla. R. f. 1944/45:197-198.
 Menusan, Dairym. Price Rptr. 28(8):3, 1946.
 Morrison, Can. Dairy & Ice Cream J. 26(11):66, 1947.
 i Morrison, Can. Jersey Breed. 2(7) 15,29-31, 1947.
 i Muma, Neb. Ext. C. 1542,4 p., 1946.
 Sherman & Dunavan, S. C. R. 58:63, 1946.
 Taggart, Cornell Vet. 36:162, 1946.
 Taggart et al., N. Y. St. Assoc. Milk Sanit. R. 19:26, 1946.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65:4-5, 1947.
STOMOXYS CALCITRANS - SPRAYS - DDT & SEA WATER
 Annand, USDA EPQ R. f. 1945/46:39.
STOMOXYS CALCITRANS - SPRAYS - GAS CONDENSATE
 b Simmons & Dove, J. Ec. Ent. 38 23-25, 1945.
STOMOXYS CALCITRANS & MYIASIS
 i James, USDA Misc. Pub. 631 133, 1947.
STOMOXYS CALCITRANS & POLIOMYELITIS
 b Power & Melnick, Yale J. Biol. & Med. 18(1):58,62, 1945.
STONE FRUIT INSECTS
 Besse, Oreg. C. Inform. 353 19-20, 1945.
 i Childs et al., Oreg. Ext. B. 664, 16 p., 1946.
 Steinweden, Cal. Dept. Agr. B. 34:182, 1946.
STORED GRAIN INSECTS
 Annand, USDA EPQ R. f. 1943/44:11-12.
 Annand, New Internatl. YB 1944 296, 1945.
 i Cotton, Pest Control & Sanit. 2(12). 8-12,22-24, 1947.
 i Cotton et al., USDA C. 720,75 p., 1945.
 Deschapelles, Cuba Min. de Agr. Rev. ser. 4, 28(3):37, 1945.
 Gray, Feedstuffs 19(13):18-20, 1947.
 Haller, Sci. News Let. 52:361, 1947.
 Jardine et al., USDA OES R. f. 1944/45:51, 1946.
 King, Tex. Ext. B. 151:15-16, 1947.
 i Lehker, Ind. Ext. Leaf. 224 rev., 4 p., 1947.
 i Lincoln, Ark. Ext. C. 362 rev..16-17, 1945.
 McGugan, Assoc. Off. Seed Anal. News Let. 20(1):14-15, 1946.
 i Miller, Amer. Feed & Grain Dealer 30(11):8-9,26, 1946.
 Smallman, Grain & Feed J. Consol. 94:405, 1945.
 bi Smallman, Wallerstein Lab. Commun. 8:156-168, 1945.
 Smith & Brunson, Ind. B. 510:14, 1947. (Repr.)
 Smith et al., Kans. Ent. Soc. J. 20:56, 1947.

STORED GRAIN INSECTS, see also CORN INSECTS - STORED CORN, RICE INSECTS - STORED RICE, WHEAT INSECTS - STORED WHEAT

- STORED GRAIN INSECTS - AEROSOLS**
 Morrison et al., Farm. Elevator Guide 42(12):5-6, 1947.
STORED GRAIN INSECTS - BINS, SMALL
 Gross & Walkden, USDA YB f. 1943/47 863-866.
STORED GRAIN INSECTS - BIOLOGY
 bi Krall & Decker, Iowa St. Col. J. Sci. 20:385-402, 1946.
STORED GRAIN INSECTS - CANADA
 Anderson, Can. Dept. Trade & Com. Grain Res. Lab. R. 19:34-35, 1946.
 Gardiner, Can. Min. Agr. R. f. 1945/46:17,77.
 i Gray, Can. Food Packer 17(10) 29, 31,33, (11) 25,27,29, (12) 25,27,29, 31-32, 1946.
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20,24 p., 1945.
 Smallman, Can. Grain J. 3(2) 17-18, 1947.
 Wressell, Can. Ins. Pest Rev. 24:60, 1946.
STORED GRAIN INSECTS - DRYING GRAIN
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:9-11, 1945.
 Michelbacher, Cal. Agr. 1(8):1,3, 1947.
STORED GRAIN INSECTS - DUSTS
 i Cotton & Frankenfeld, Down to Earth 3(1) 9-11, 1947.
 Smallman, Grain & Feed J. Consol. 94:155, 1945.
 Smallman, Northw. Mill. Mill Prod. Sect. 221(2):3a,9a, 1945.
STORED GRAIN INSECTS - FUMIGANTS
 Annand, USDA EPQ R. f. 1944/45:22, f. 1945/46 15, 1947.
 Cartwright, S. C. R. 57:57, 1945.
 bi Cotton & Walkden, Agr. Chem. 1(8): 35,37-38, 1946, 2(1) 33,35, 1947.
 Cotton & Walker, J. Ec. Ent. 39:529-531, 1946.
 Cotton et al., USDA C. 720.6-7,26-51, 63-72, 1945.
 i Johnson, Amer. Mill. 74(4) 48,63, 1946.
 i Michelbacher, Pest Control & Sanit. 1(11):13-15, 1946.
 Osorio, Control de Plagas 8:132-133, 135-136, 1946.
 Schwardt, N. Y. (C.) R. 57 124, 1945.
STORED GRAIN INSECTS - INSECTICIDES
 Annand, USDA EPQ R. f. 1944/45:13, f. 1945/46:13-14, f. 1946/47:8-10.
STORED GRAIN INSECTS - INSECTICIDES - DDT
 Creighton, Fla. St. Hort. Soc. P. 58: 150-151, 1945.
 Davis, J. Ec. Ent. 39:59-60, 1946.
 Price, Ky. Ext. C. 438:6, 1947.

STORED GRAIN INSECTS - MILLS

Cotton, Northw. Mill. Mill. Prod. Sect. 221(7):8a,10a-11a,23a-25a, 1945.

Cotton et al., Amer. Mill. 74(4):38, 112, 1946.

i Dodds, Amer. Mill. 74(4):46,66-68, 1946.

Gray, Mill. & Feed 26(11):7-8,27, 1946.

Gray, Northw. Mill. Mill. Prod. Sect. 229(10):3a,24a, 1947.

i Harris, Amer. Mill. 74(4):41-42, 1946.

Wagner, Northw. Mill. Mill. Prod. Sect. 226(2):3a,8a,10a, 1946.

STORED GRAIN INSECTS - SORGHUM

Shedd & Walkden, USDA C. 760:25-27, 47-48, 1947.

STORED GRAIN INSECTS & HUMIDITY

b Birch, Ecology 28:17-25, 1947.

Shedd & Walkden, USDA C. 760:25-26, 47-48, 1947.

STORED GRAIN INSECTS & TEMPERATURE

b Birch, Ecology 28:17-25, 1947.

Cotton et al., USDA C. 720:4-5,8, 1945.

Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:11-14, 1945.

Michelbacher, Cal. Agr. 1(8):1,3, 1947.

STORED PRODUCTS INSECTS

Cormany, Amer. Soc. Sugar Beet Technol. P. 4:327-329, 1947.

Cotton, Northw. Mill. Mill. Prod. Sect. 221(7):3a,23a, 1945.

Cotton, Inst. Food Technol. P. 6:49-53, 1945; Pests 14(10):50,52,54, 1946.

Cotton, Pest Control & Sanit. 2(12):22-24, 1947.

Dawson, Amer. Mill. 74(4):43,111-112, 1946.

i Linsley & Michelbacher, Pest Control & Sanit. 1(10):8-13, 1946.

i Mallis, Handb. of Pest Control:325-367, 1945.

Michelbacher, Pests 15(6):12,14, 1947.

Snyder, Amer. J. Pharm. 118(1):19-23, 1946.

i Stiles, Okla. Ext. C. 223 rev.:22-23, 1946?

Va. Ext. B. 97 rev.:40-41, 1947.

STORED PRODUCTS INSECTS - see also

CORN INSECTS - STORED CORN,

MILL INSECTS; RICE INSECTS -

STORED RICE; STORED GRAIN

INSECTS; TOBACCO INSECTS -

STORED TOBACCO; WHEAT IN-

SECTS - STORED WHEAT

STORED PRODUCTS INSECTS - CANADA

Gardiner, Can. Min. Agr. R. f. 1944/45 64-65; f. 1945/46:77-78; f. 1946/47: 95-96.

Gray, Can. Ins. Pest Rev. 23:115-116, 1945; 24:131-133, 1946.

Manson et al., Can. Ins. Pest Rev. 25: 117-125, 1947.

i Smallman, Can. Grain J. 1(7):9-10, 1946.

STORED PRODUCTS INSECTS - DETECTION IN FLOUR

Wagner, Northw. Mill. Mill. Prod. Sect. 223(11):3a,20a, 1945.

STORED PRODUCTS INSECTS - DUSTS

Cotton & Frankenfeld, Grain & Feed J. Consol. 46:33, 1946.

Dunavan, S. C. R. 58:57-58, 1946; 59: 68, 1947.

b Lathrop & Keirstead, J. Ec. Ent. 39: 534, 1946.

Smallman, Northw. Mill. Mill. Prod. Sect. 221(2):3a,9a, 1945.

STORED PRODUCTS INSECTS - DUSTS -

DDT

Smallman, Amer. Mill. 73(4):64; (7): 52,56,58, 1945.

STORED PRODUCTS INSECTS - ENTO-

LETER

Spencer, B. C. Ent. Soc. P. 42:16, 1945.

STORED PRODUCTS INSECTS - FLOUR

Martin, Northw. Mill. Mill. Prod. Sect. 223(11):9a-11a,21a-22a, 1945.

Wagner, Northw. Mill. Mill. Prod. Sect. 223(11):3a,20a, 1945.

Wagner, Baker's Digest 20(2):39, 1946.

STORED PRODUCTS INSECTS - FUMIGANTS

Annand, USDA EPQ R. f. 1944/45:22.

i Fisher, Food Indus. 17:1176-1178, 1945.

i Michelbacher, Mod. Packaging 20(5): 143-145,170,172, 1947.

b Miller, Amer. Dietetic Assoc. J. 21: 516-517, 1945.

bi Monro & Delisle, Sci. Agr. 25:794-816, 1945; abridged in Pests 14(9): 14,16-17,20-22, 1946.

Page, Ent. Soc. Wash. P. 48:27-28, 1946. Abs.

Reed et al., J. Ec. Ent. 40:292, 1947.

Riedeberg, Peanut J. & Nut World 24 (5):22, 1945.

bi Sun, Minn. TB 177,104 p., 1947.

STORED PRODUCTS INSECTS - GROCERY SUPPLIES

Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:11, 1947.

STORED PRODUCTS INSECTS - INSECT-

PROOF CONTAINERS see INSECT-

PROOFING - PACKAGING MA-

TERIALS

STORED PRODUCTS INSECTS - INSECT-

TICIDES

Cotton, USDA YB f. 1943/47:874-878.

STORED PRODUCTS INSECTS - INSECT-

TICIDES - DDT

Cotton et al., USDA EPQ E-641:5-6, 1945.

Creighton, Cit. Indus. 27(1):6, 1946.

Packard, USDA EPQ E-640:7-8, 1945.

Stuckey, Ga. R. 58:81-82, 1946.

STORED PRODUCTS INSECTS - MILI-

TARY ZONES

i U. S. War Dept. TM 5-632(PB-2435): 87-94, 1945.

STORED PRODUCTS INSECTS - MOHAIR

FLEECE - PRE-DIPPING GOATS

Back, J. Ec. Ent. 39:721-725, 1946.

STORED PRODUCTS INSECTS - NUTS

Talbert, Gen. Hort. 343-344, 1946.

STORED PRODUCTS INSECTS - PEANUTS

Bissell & DuPree, J. Ec. Ent. 39:550-552, 1946.

STORED PRODUCTS INSECTS - PEANUTS--Continued.

- Robertson, N. Y. Dept. Agr. & Mkts. R. f. 1945-73, 1947.
 i Stuckey, Ga. R. 57:60-63, 1945; 58:81, 1946; 59:87-92, 1947.
 i Woodroof et al., Refrig. Engin. 53:124-127, 1947.

STORED PRODUCTS INSECTS - PEANUTS (SHELLED)

- Stuckey, Ga. R. 57:60-63, 1945, 58:81, 1946, 59:87-92, 1947.

STORED PRODUCTS INSECTS - POTATOES

- Kulash, N. C. Res. & Farm. 5(Prog. R. 3):6-7, 1947.

STORED PRODUCTS INSECTS - REARING

- Sun, Minn. TB 177:6-9, 1947.

STORED PRODUCTS INSECTS - SOYBEANS

- i Farrar, Soybean Digest 6(2) 12-13, 1945.

- i Mickel & Standish, Minn. TB 175, 28 p., 1946, 178:20 p., 1947.

STORED PRODUCTS INSECTS - SPRAYS

- Carpenter, J. Ec. Ent. 40:136-137, 1947.

- Gray, Pests 13(11):28, 1945.

- Knowlton, Utah Ext. M. S. 619.3, 1945.

STORED PRODUCTS INSECTS - TRAPS - LIGHT

- Hermes, Hilgardia 17:366-367, 1947.

STRAGANIA Stal

- nik Beamer & Lawson, Kans. Ent. Soc. J. 18:49-66, 1945.

STRAGANIA ROBUSTA (Uhl.)

- Leech, B. C. Ent. Soc. P. 42:8, 1945.

STRANGALIA ACUMINATA (Oliv.), S. BICOLOR (Swed.), S. FAMILICA

- Newm., S. LUTEICORNIS (F.)

- i Knull, Ohio Biol. Surv. B. 39:183-184, 1946.

STRATEGUS JULIANUS Burm.

- Lauderdale, Ariz. St. Ent. R. f. 1945/46:20.

- Nixon, USDA C. 728:38, 1945.

STRATEGUS QUADRIFOVEATUS (Beauv.)

- Martorell, P. R. Univ. J. Agr. 29:435-436, 1945.

STRATEGUS SARPEDON (Burm.)

- Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:534, 536, 1946.

STRATIOMYIDAE - NEW JERSEY

- Rapp, Bklyn. Ent. Soc. B. 40:188-191, 1946.

STRATIOMYIDAE & MYIASIS

- James, USDA Misc. Pub. 631:146-148, 1947.

***STRAW ITCH MITE, see PEDICULOIDES VENTRICOSUS (Newp.)**

***STRAWBERRY APHID, see CAPITOPHORUS FRAGAEFOLII (Ckll.)**

***STRAWBERRY CROWN BORER, see TYLODERMA FRAGARIAE (Riley)**

***STRAWBERRY CROWN MINER, see ARISTOTELIA FRAGARIAE Busck**

***STRAWBERRY CROWN MOTH, see RAMOSIA BIBIONIPENNIS (Bdvl.)**

STRAWBERRY INSECTS

- i Baker et al., Ind. Ext. B. 174 rev.:13-15, 1947

- i Colby, Ill. Ext. C. 453 rev.:46-51, 1946.

- Cox & Wilson, La. Ext. C. 268:13, 1947.

- i Cummings, Amer. Nurserym. 84(6):13-14, 16, 1946.

- Dewey, N. Y. St. Hort. Soc. P. 90:45-46, 1945, 91:89-90, 1946; 92:63, 1947.

- Filinger, Kans. C. 235:40, 1946.

- Hoerner, in Beach, Colo. Ext. B. 391-A:10-12, 1946.

- Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:111, 1947.

- Watson, Cit. Indus. 28(3) 25, 1947.

- Webster, Wash. Ext. B. 246 rev.:21-23, 1946.

- Williams, Conn. Ext. B. 388:19, 1947.

STRAWBERRY INSECTS - CANADA

- Gardiner, Can. Min. Agr. R. f.1945/46:122.

- Neary, N. S. Fruit Grow. Assoc. R. 82:38, 1945.

- Paradis, Rev. d'Oka 19(1) 17-19, 1945.

- Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 64 3, 1947.

- i Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44,5 p., 1946.

STRAWBERRY INSECTS - INSECTICIDES

- Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:20-31, 1946.

- bi Mundinger, J. Ec. Ent. 39:299-305, 1946.

- Robinson, Oreg. C. Inform. 413:3, 1947.

STRAWBERRY INSECTS - OHIO

- Neiswander, Ohio St. Hort. Soc. P. 78:150-157, 1945.

- i Parks & King, Ohio Ext. B. 76 rev.:42-43, 1947.

STRAWBERRY LEAF BEETLE, see TIMARCHA INTRICATA Hald.

***STRAWBERRY LEAF ROLLER, see ANCYLIS COMPTANA FRAGARIAE (Walsh & Riley)**

STRAWBERRY MIRID, see CALOCORIS NORVEGICUS (Gmel.)

***STRAWBERRY ROOT APHID, see APHIS FORBESII Weed**

***STRAWBERRY ROOT WEEVIL, see BRACHYRHINUS OVATUS (L.)**

STRAWBERRY ROOT WORMS, see GRAHOPS PUBESCENS Mels., PARIA CANELLA (F.)

***STRAWBERRY SPIDER MITE, see TETRANYCHUS ATLANTICUS McG.**

***STRAWBERRY WEEVIL, see ANTHONOMUS SIGNATUS Say**

***STRAWBERRY WHITEFLY, see TRIALEURODES PACKARDI (Morrill)**

STREPSIPTERA

- i Bohart, Ward's Nat. Sci. B. 21:28-29, 1947.

STRIGODERMA ARBORICOLA (F.)

- b Grayson, J. Ec. Ent. 39:163-167, 1946.

- STRIGODERMA ARBORICOLA--Continued.
 bi Grayson, Va. TB 109, 12 p., 1947.
 b Ritcher, Ky. B. 471:13, 1945.
- STRIGODERMELLA PYGMAEA (F.) -
 LARVAE, 3d STAGE
 bi Ritcher, Ky. B. 471:4-5, 12-13, 1945.
- *STRIPED ALDER SAWFLY, *see* HEMI-
 CHROA CROCEA (Fourc.)
- STRIPED BLISTER BEETLE, *see* EPI-
 CAUTA VITTATA (F.)
- *STRIPED CUCUMBER BEETLE, *see*
 ACALYMMA VITTATA (F.)
- *STRIPED CUTWORM, *see* EUXOA TES-
 SELLATA (Harr.)
- *STRIPED FLEA BEETLE, *see* PHYL-
 LOTRETA STRIOLATA (F.)
- *STRIPED HORSE FLY, *see* TABANUS
 LINEOLA F.
- STRIPED SWEETPOTATO BEETLE, *see*
 AGROICONOTA BIVITTATA (Say)
- STROMATIUM PUBESCENS (Hald.)
 i Knoll, Ohio Biol. Surv. B. 39:190,
 1946.
- STRONGYLUM sp. - PUPAE
 i Daggy, Ind. Acad. Sci. P. 56:256,
 1947?
- STRUMIGENYS MEMBRANIFERA
 WILLIAMS Whlr.
 Williams, Hawaiian Ent. Soc. P. 12:
 490, 1946.
- STRYMON ACIS BARTRAMI (Comst. &
 Huntgtn.) - EARLY STAGES
 i Chermock & Chermock, Can. Ent. 79:
 143-144, 1947.
- STRYMON ALCESTIS OSLARI (Dyar) -
 TEXAS
 Stallings & Turner, Ent. News 58:40,
 1947.
- STRYMON MELINUS (Hbn.) (COTTON-
 SQUARE BORER)* (BEAN LYCAE-
 NID) (GRAY HAIR STREAK)
- STRYMON MELINUS
 Dean et al., Kans. Ent. Soc. J. 18:94,
 1945.
 Rice et al., Del. B. 259:22, 1945.
- STUNT OF BLUEBERRY, *see* INSECTS &
 PLANT DISEASE - STUNT OF
 BLUEBERRY; LEAFHOPPERS &
 PLANT DISEASE - STUNT OF
 BLUEBERRY
- STUNT OF CORN, *see* PEREGRINUS
 MAIDIS & STUNT OF CORN
- STURMIA sp.
 Baird, in Ont. Dept. Agr. Div. Ent.
 Parasite Invest. Unit, Control For.
 Ins. Prov. Ont. by Introd. Ins. Para-
 sites:28, 35-36, 1947.
 Balch & Reeks, N. B. Dept. Lands &
 Mines R. 109:124-125, 1946; 110:64,
 66, 1947.
 Briand, Quebec Soc. Protect. Plants
 R. 30:56-59; 125-127; 180-181,
 1947.
 Daviault, Quebec Min. Lands & For.
 R. f. 1944/45:116, 1946; f. 1945/46:
 114, 1947.
 Finlayson, in Ont. Dept. Agr. Div.
 Ent. Parasite Invest. Unit, Control
 For. Ins. Prov. Ont. by Introd. Ins.
 Parasites:47, 51-55, 1947.
 Gardiner, Can. Min. Agr. R. f. 1945/46:80
- STURMIA sp.--Continued.
 Hawboldt, N. S. Dept. Lands & For.
 R. f. 1945/46:44, 1947.
 McGuffin & Barker, Can. Dept. Agr.
 Div. Ent. For. Ins. Surv. R. f. 1946:
 61, 1947.
 Paquet, Quebec Min. Lands & For. R.
 f. 1943/44:93-94, 1945.
 Reeks, Can. Ins. Pest Rev. 24:25,
 1946.
 Reeks et al., Can. Dept. Agr. Div.
 Ent. For. Ins. Surv. R. f. 1945:11,
 1946.
 Richmond, B. C. Lumberm. 31(4):84,
 1947.
 Wilkes, in Ont. Dept. Agr. Div. Ent.
 Parasite Invest. Unit, Control For.
 Ins. Prov. Ont. by Introd. Ins. Para-
 sites:37-46, 56-59, 1947.
- STURMIA sp. - REARING
 bi Coppel & House, Can. Ent. 79 74-
 80, 1947.
 House, Quebec Soc. Protect. Plants
 R. 30:60-62, 1947.
- STURMIA ALBINCISA Wied., *see* ARGY-
 ROPHYLAX ALBINCISA (Wied.)
- STURMIA CUBAECOLA (Jaenn.)
 Plank, P. R. (Mayaguez) R. f. 1944.
 27, 1945.
- STURMIA INCA (Townsend)
 Wylie, Fla. St. Hort. Soc. P. 59:90,
 1946.
- STURMIA INCOMPTA (Wulp)
 Madden & Chamberlin, USDA TB 896
 48, 1945.
- STURMIA PROTOPARCIS (Townsend)
 Madden & Chamberlin, USDA TB 896
 46-48, 1945.
- STURMIA SCUTELLATA Rob.-Desv.
 Friend, Conn. Acad. Arts & Sci.
 Trans. 36:621, 1945.
- STYLOCONOPS ALBIVENTRIS Meij. -
 AEROSOLS - DDT
 Brescia & Wilson, J. Ec. Ent. 40:316-
 319, 1947.
- SUCKING BODY LOUSE, *see* LINOGNA-
 THUS OVILLUS (Neum.)
- SUCKING INSECTS
 bi Boyd, N. J. Dept. Agr. C. 355:7-8,
 1945.
- SUGAR-BEET INSECTS
 i Lange, Spreckels Sugar Beet Bul.
 11:1-8, 1947.
 Nelson, Through the Leaves 35(3):29-
 30, 1947.
 White, USDA EPQ E-692:4, 13, 1946.
- SUGAR-BEET LEAFHOPPER, *see* CIR-
 CULIFER TENELLUS (Baker)
- *SUGAR-BEET ROOT APHID, *see* PEM-
 PHIGUS BETAE Doane
- SUGAR-BEET THRIPS, *see* HERCINO-
 THRIPS FEMORALIS (Reut.)
- SUGAR-BEET WEBWORM, *see* LOXO-
 STEGE STICTICALIS (L.)
- *SUGAR-BEET WIREWORM, *see* LI-
 MONIUS CALIFORNICUS (Mann.)
- *SUGAR-MAPLE BORER, *see* GLYCO-
 BIUS SPECIOSUS (Say)
- SUGARCANE APHID, *see* APHIS SAC-
 CHARI Zehnt.
- *SUGARCANE BEETLE, *see* EUETHEO-
 LA RUGICEPS (Lec.)

*SUGARCANE BORER, see DIATRAEA
SACCHARALIS (F.)

SUGARCANE INSECTS

Ingram, Sugar Bul. 24(5):36, 1945.

Ingram et al., Sugar J. 9(11) 8-13, 23-24, 1947.

Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44: 17-19, 1945.

bi Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 529-563, 1946.

Scaramuzza, Inst. Cubano de Suelos y Abonos Inform. Técn. 5 813-839, 1946.

SUGARCANE INSECTS - INSECTICIDES - DDT

Annard, USDA EPQ R. f. 1946/47.8-9. Creighton, Fla. St. Hort. Soc. P. 58 151, 1945.

Creighton, Cit. Indus. 27(1) 6, 1946.

*SUGARCANE LEAF ROLLER, see OMIODES ACCEPTA (Butl.)

*SUGARCANE LEAFHOPPER, see PERKINSIELLA SACCHARICIDA Kirk

SUGARCANE MEALYBUG, see PSEUDOCOCCUS BONINSIS (Kuw.)

SULCACIS LENGI Dury

Frost, Psyche 54:180, 1947.

SUNFLOWER APHID, see APHIS HELIANTHI Monell

*SUNFLOWER BEETLE, see ZYGOGRAMMA EXCLAMATIONIS (F.)

SUNFLOWER HEAD CUTWORM, see STIBADIUM SPUMOSUM

SUNFLOWER INSECTS

bi Comstock, South. Cal. Acad. Sci. B. 45:141-144, 1947.

i Michener & Michener, Nat. Hist. 54. 118-119, 144, 1945.

*SUNFLOWER MOTH, see HOMOEOSOMA ELECTELLUM (Hulst)

SUPELLA SUPPLECTILIUM (Serv.) (BROWN-BANDED ROACH)*

Gould & Deay, Pest Control & Sanit. 1 (9):12-13, 1946.

Lauderdale, Ariz. St. Ent. R. f. 1945/46:22.

Lininger et al., Pa. B. 475:34, 1945, 488:45, 1947.

i Rehn, Sci. Month. 61:271, 1945.

SUPELLA SUPPLECTILIUM - INSECTICIDES - DDT

Dove, USDA EPQ E-673:13, 1945.

Henderson, Soap & Sanit. Chem. 22(11): 123, 143, 1946.

Henderson, USDA EPQ E-701:7, 1946.

SUPELLA SUPPLECTILIUM - PENNSYLVANIA

Haber, Ent. News 58:101, 1947.

SUPELLA SUPPLECTILIUM - REPELLENTS

bi Sweetman et al., Soap & Sanit. Chem. 21(3):104-107, 127, 129, 131, 1945.

SUPERB PLANT BUG, see ADELPHOCORIS SUPERBUS (Uhl.)

SUPERPARASITISM

Finney et al., Hilgardia 17:473, 1947.

Martin & Finney, J. Ec. Ent. 39:298, 1946.

SUPERPARASITISM--Continued.

Reid, Va. Acad. Sci. P. 24 106-107, 1946.

SUPERPARASITISM & PARASITE DENSITY

Robertson, Ecology 28 295-296, 1947.

SUPERSONIC WAVES, see ULTRASONIC WAVES

*SURINAM ROACH, see PYCNOSCELUS SURINAMENSIS (L.)

SWAINE'S PINE SAWFLY, see NEODIPRION SWAINI Midd.

*SWALLOW BUG, see OECIACUS VICARIUS Horv.

*SWEETCLOVER WEEVIL, see SITONA CYLINDRICOLLIS Fahr.

*SWEETPOTATO FLEA BEETLE, see CHAETOCNEMA CONFINIS Crotch

*SWEETPOTATO HORNWORM, see AGRIS CINGULATUS (F.)

SWEETPOTATO INSECTS

i Marcovitch, Tenn. B. 202, 11 p., 1946.

Marcovitch, Tenn. St. Hort. Soc. P. 41.59-61, 1947.

Parks & King, Ohio Ext. B 76 rev. 44, 1947.

Wylie, Fla. St. Hort. Soc. P. 59.87-91, 1946.

*SWEETPOTATO LEAF BEETLE, see TYPOPHORUS VIRIDICANEUS (Crotch)

*SWEETPOTATO LEAF MINER, see BEDELLIA ORCHILELLA Wism.

*SWEETPOTATO LEAF ROLLER, see PILOCROCIS TRIPUNCTATA (F.)

*SWEETPOTATO VINE BORER, see OMPHISA ANASTOMOSALIS (Guen.)

*SWEETPOTATO WEEVIL, see CYLAS FORMICARIUS ELEGANTULUS (Sum.)

SWINE - INSECT FOOD - WHITE GRUBS

Chamberlin & Fluke, Wis. Res. B. 159.9-10, 1947.

SWINE - PESTS

MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev. 358-359, 1945.

i Muma, Neb. Ext. C. 1548, 4 p., 1947.

Vollrath, Hawaii Ext. B. 31 rev. 37-38, 47, 1947.

SWINE - PESTS - HAWAII

b Alicata, Pac. Sci. 1.75, 83, 1947.

SYBRA ALTERNANS (Wied.)

Swezey, Hawaiian Ent. Soc. P. 13 11, 1947.

SYCAMORE APHID, see LONGISTIGMA CARYAE (Harr.)

*SYCAMORE LACE BUG, see CORYTHUCHA CILIATA (Say)

SYLEPTA SILICALIS (Guen.)

i Martorell, P. R. Univ. J. Agr. 29. 512, 525, 1945.

SYLLEPIS MARIALIS Poey

Martorell, P. R. Univ. J. Agr. 29 536, 1945.

SYLVICOLA CINCTA (F.)

Lloyd, Sewage Works J. 17:1056, 1058, 1945.

SYLVICOLA FENESTRALIS (Scop.) & MYIASIS

i James, USDA Misc. Pub. 631:146, 1947.

- SYLVICOLIDAE & MYIASIS**
James, USDA Misc. Pub. 631:144-146, 1947.
- SYLVORA ACERNI (Clem.) (MAPLE CALLUS BORER)***
i Boyd, N. J. Dept. Agr. C. 355:134-135, 1945.
- SYMBIOSIS**
Gray, Amer. Mid. Nat. 35:743, 1946.
bi Steinhaus, Ins. Microbiol.:188-255, 261-262, 1946.
- SYMBIOSIS - COCKROACHES & BACTERIA**
Glaser, J. Parasit. 32:483-489, 1946.
- SYMBIOSIS - INSECTS & MICROORGANISMS**
bi Brues, Ins. Dietary:205-220, 232-242, 1946.
- SYMBIOSIS - SCALE INSECTS & FUNGI**
i Couch, Elisha Mitchell Sci. Soc. J. 62:87-94, 1946.
- SYMBIOSIS - TERMITES**
bi Dropkin, J. Parasit. 32:247-251, 1946.
i Rogick, Turtox News 24:30, 1946.
- SYMMERISTA Hbn.**
nik Franclemont, Can. Ent. 78:96-103, 1946.
- SYMMERISTA ALBIFRONS (Abbott & Smith) (RED-HUMPED OAK CAT-ERPILLAR)**
i Boyd, N. J. Dept. Agr. C. 355:56-57, 1945.
Bradley, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945:38, 1946.
- SYMMERISTA CANICOSTA Franclemont**
Bird, Can. Ins. Pest Rev. 25:71, 1947.
Bird & Mitchener, Can. Ins. Pest Rev. 24:71, 1946.
Bradley, Can. Ins. Pest Rev. 24:62, 1946.
- SYMPETRUM AMBIGUUM (Rambur) - NYMPH**
bi Wright, Tenn. Acad. Sci. J. 21:135-138, 1946.
- SYMPHEROBIUS CALIFORNICUS Banks**
DeBach & Fleschner, Cal. Agr. 1(13): 3, 1947.
DeBach & Fleschner, Cal. Citrog. 33: 23-24, 1947.
DeBach & Fleschner, Cit. Leaves 27 (11):9,27, 1947.
- SYMPHYLA - FUMIGANTS**
Farrar, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:53-54, 1946.
Farrar, Flor. Rev. 97:31, 1946.
Thomas, Pa. B. 475:37-38, 1945; 480: 54, 1946.
- SYMPHYOTHRIPS POTOSIENSIS Moul.**
n Moulton, Mex. Esc. Nac. Cien. Biol. An. 4:419-421, 1947.
- SYMPHYTA - GENITALIA**
i Ross, Ent. News 56:261-268, 1945.
- SYMPIESIS sp.**
Beacher, Ent. Soc. Amer. Ann. 40:533, 537-538, 543, 1947.
- SYMPIESIS UROPLATAE How.**
Adrien Robert, Frère, Quebec Soc. Protect. Plants R. 30:122, 1947.
- SYNANTHEDON PICTIPES (Grote & Rob.) (LESSER PEACH TREE BORER)***
Ferguson et al., La. Ext. B. 7:17, 1947. (Repr.)
Graham et al., Md. Ext. B. 105:28, 1945.
b Marcovitch & Stanley, Tenn. B. 195: 19, 1945.
Sanders, La. Ext. C. 259:16-17, 1946.
- SYNANTHEDON PICTIPES - FUMIGANTS**
Powell et al., Ill. Ext. C. 568 rev.:19-20, 1946.
Powell et al., Ill. Ext. C. 610:19-20, 1947.
Rosborough et al., Tex. Ext. B. 73 rev.:16, 1947.
Sherwood, W. Va. Ext. C. 320 rev.: 65-66, 1946.
i Ohio B. 655:59-60, 1945, 670:59-60, 1947.
- SYNANTHEDON PICTIPES - SPRAYS**
Graham et al., Md. Ext. B. 112:36, 1946.
- SYNANTHEDON PICTIPES & CANKER OF PEACH**
Hildebrand, N. Y. (C.) M. 276:46, 1947.
- SYNANTHEDON PYRI (Harr.), see THAMNOSPHECIA PYRI (Harr.)**
- SYNANTHEDON TIPULIFORMIS (Clerck), see RAMOSIA TIPULIFORMIS (Clerck)**
- SYNAPHOETA GUEXI (Lec.)**
i Hardy, Victoria Nat. 2:92, 1945.
- SYNCHLORA AERATA (F.) - CAMOU-FLAGE**
i Curran, Nat. Hist. 54:360-363, 1945.
- SYNCHLORA DENTICULARIA (Wlkr.)**
i Needham, Natl. Geog. Mag. 90:353-354, 1946.
- SYNDIPNUS Foerst.**
Walley, Can. Ent. 77:41-43, 1945.
- SYNETA ALBIDA Lec. (SYNETA LEAF BEETLE)**
Childs, Oreg. St. Hort. Soc. P. 39: 67-68, 1947.
Childs et al., Oreg. Ext. B. 664:3-4, 1946.
Jones et al., Oreg. C. Inform. 358:2, 1945; 405:4, 1947.
Oreg. C. Inform. 407:3-5, 1947.
- SYNETA LEAF BEETLE, see SYNETA ALBIDA Lec.**
- SYNGRAPHIA SELECTA (Wlkr.)**
Bradley & MacDonald, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946: 46, 1947.
- SYNOSTERNUS PALLIDUS (Tasch.) & PLAGUE**
Kartman, J. Parasit. 32:31-35, 1946.
- SYNTHESIOMYA NUDISETA (Wulp) & MYIASIS**
James, USDA Misc. Pub. 631:123-124, 1947.
- SYRPHIDAE**
Hull, Ent. News 56:182-187; 210-217; 268-272, 1945.
Hull, N. Eng. Zool. Club P. 23:71-78, 1945.

SYRPHIDAE--Continued.

- i Michener & Michener, Nat. Hist. 54. 119,144, 1945.
Palmer, Green Thumb 2(3) 17-18, 1945
SYRPHIDAE - INSECTICIDES
b Roark, USDA EPQ E-652.73-74, 1945
SYRPHIDAE & MYIASIS
bik James, USDA Misc. Pub. 631 148-155, 1947.
i Johnson, East. Sts. Chrysanthemum Soc. B. 2(4):14-15, 1946.
SYRPHOCTONUS MACULIFRONS (Cress.) Townes, Hawaiian Ent. Soc. P. 13:106, 1947.
SYRPHUS WIEDEMANNI Johns., see MET-ASYRPHUS WIEDEMANNI (Johns.)
SYSTEMA BASALIS Duv. - CONTROL Osorio, Control de Plagas 8.163-164, 1946.
SYSTEMA BLANDA Melsh. (PALE-STRIPED FLEA BEETLE)*
i Marcovitch, Tenn. B. 202.7-9, 1946. Stirrett, Can. Ins. Pest Rev. 25:28, 1947.
SYSTEMA BLANDA - RESISTANT BEANS Gui, Ohio B. 659:112, 1945.
SYSTEMA ELONGATA (F.) (ELONGATE FLEA BEETLE)*
i Marcovitch, Tenn. B. 202 3-7, 1946. Marcovitch, Assoc. South. Agr. Workers P. 44:129, 1947. (Abs.)
Marcovitch, Tenn. St. Hort. Soc. P. 41:59-61, 1947.
Marcovitch & Stanley, Tenn. R. 57:76, 1945; 58:107-108, 1946; 59:90, 1947.
SYSTEMA FRONTALIS (F.)
Maltais, Can. Ins. Pest Rev. 24:35, 1946; 25 41, 1947.
SYSTEMA TAENIATA (Say), see SYSTEMA BLANDA Melsh.
SYSTOLE GENICULATA Först.
Sakimura, Hawaiian Ent. Soc. P. 12: 481, 1946.

TABANIDAE

- i Cameron, Parasites of Man ed. 2: 141-143, 1946.
Dean et al., Kans. Ent. Soc. J. 18:92, 1945.
Hixson, Okla. Ext. C. 387 rev.:24, 1946.
Smith, B. C. Ent. Soc. P. 43:24, 1947.
Smith et al., Kans. Ent. Soc. J. 19:48-49, 1946; 20:56, 1947.

TABANIDAE - GEORGIA

- Fattig, Emory Univ. Mus. B. No. 4, 26 p., 1946.

TABANIDAE - LITERATURE - POETRY

- Twinn, Pests 14(2):20,22, 1946.

TABANIDAE - NEARCTIC (NORTH OF MEXICO)

- k Phillip, Amer. Mid. Nat. 37:257-324, 1947.

TABANIDAE - PANAMA

- bni Fairchild, Ent. Soc. Amer. Ann. 39:564-575, 1946.

TABANIDAE - PARASITES & PREDATORS

- Fattig, Emory Univ. Mus. B. No. 4:4-5, 1946.

TABANIDAE - SPRAYS - DDT

- Annand, USDA EPQ R. 1. 1946/47:19,21

TABANIDAE - SPRAYS - DDT--Continued.

- Brett & Fenton, South. Dairy Prod. J. 40(1):62-63, 1946.
Fenton & Brett, Okla. Mimeo. C. 156: 2-3, 1946.
Menusan, Dairym. Price Rptr. 28(8). 3, 1946.
TABANUS L.
Howell et al., Rocky Mountain Conf. Ent. R. 18.4, 1947.
Luttermoser, Pa. Univ. B. 47(28) (School Vet. Med. Vet. Ext. Quart. 107):67, 1947.
TABANUS ATRATUS F. (BLACK HORSE FLY)*
Gerry, N. J. Mosq. Exterm. Assoc. P. 34.109-111, 1947.
Stirrett, Can. Ins. Pest Rev. 25 113, 1947.
TABANUS DAECKEI Hine
Gerry, N. J. Mosq. Exterm. Assoc. P. 34.110-111, 1947.
TABANUS LINEOLA F. (STRIPED HORSE FLY)*
Gerry, N. J. Mosq. Exterm. Assoc. P. 34 109-111, 1947.
TABANUS NIGROVITTATUS Macq.
Gerry, N. J. Mosq. Exterm. Assoc. P. 34.109-111, 1947.
Hansens, N. J. Agr. 29(4) 3-4, 1947.
TABANUS NIGROVITTATUS - PARASITES
Bailey, Psyche 54.142, 1947.
TABANUS PRODUCTUS Hine
Gjullin & Mote, Ent. Soc. Wash. P. 47. 236, 1945.
TABANUS PUNCTIFER O.-S.
Gjullin & Mote, Ent. Soc. Wash. P. 47: 236, 1945.
TABANUS SONOMENSIS PHAENOPS O.-S.
Gjullin & Mote, Ent. Soc. Wash. P. 47: 236, 1945.
TABANUS SULCIFRONS Macq.
USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:22, 1946.
TABANUS SULCIFRONS - CHEMORECEPTORS - TARSI
bi Frings & O'Neal, J. Expt. Zool. 103:61-79, 1946.
TABANUS VICARIUS Wilkr., see TABANUS QUINQUEVITTATUS Wied.
TACHARDIELLA CORNUTA (Ckll.)
Romney, J. Ec. Ent. 39:671, 1946.
TACHARDIELLA FERRISI Chamb.
Armitage et al., Cal. Dept. Agr. B. 34:175, 1946.
Keifer, Cal. Dept. Agr. B. 34:191, 1946.
TACHINA sp.
Essig, Cal. C. 363:11, 1945.
TACHINIDAE
nik Curran, BAMNH 89:45-122, 1947.
Reinhard, Can. Ent. 77:28-36, 1945.
n Reinhard, Kans. Ent. Soc. J. 20:15-24, 1947.
TACHINUS Grav. - QUEBEC
bnik Robert, Nat. Can. 73:57-88; Montreal Univ. Inst. Biol. Gen. et Zool. Contrib. 18,32 p., 1946.

- TACHYPTERELLUS CONSORS CERASI
List (CHERRY CURCULIO)
List, Rocky Mountain Conf. Ent. R. 18
8, 1947.
- TACHYPTERELLUS QUADRIGIBBUS
(Say) (APPLE CURCULIO)*
Blasbert, Vt. Ext. Brief. 616 Rev.:12,
1945.
i Filinger, Kans. C. 235:12, 1946.
Gauthier, Can. Ins. Pest Rev. 24.30,
1946.
i Lathrop et al., Maine Ext. B. 353:8,
1947.
Petch, Can. Ins. Pest Rev. 25:86, 1947.
Richardson, Iowa St. Hort. Soc. Trans.
80:72, 1945; 81:129, 1946, 82 139,
1947.
Smith et al., Kans. Ent. Soc. J. 19.45,
1946.
- TACHYPTERELLUS QUADRIGIBBUS -
INSECTICIDES
Bourne & Whitcomb, Mass. B. 436:37,
1946.
- TACHYPTERELLUS QUADRIGIBBUS -
INSECTICIDES - HEAT
Parker et al., Amer. Assoc. Ec. Ent.
N. Cent. Sts. Branch P. 2:59-60,
1947.
- TACHYPTERELLUS QUADRIGIBBUS -
SPRAYS
Bourne et al., Mass. B. 441:34-35,
1947.
Garman, Conn. B. 485:146-149, 1945.
512.85-86, 1946.
Peterson, Peninsula Hort. Soc. Trans.
60:83-84, 1947. *
Richardson, Amer. Assoc. Ec. Ent.
N. Cent. Sts. Branch P. 2 60, 1947.
- TACHYPTERELLUS QUADRIGIBBUS -
SPRAYS - DDT
Hutson, Mich. St. Hort. Soc. R. 75.28,
1946.
Whitcomb et al., Mass. Fruit Grow.
Assoc. R. 52.55, 1946.
- TACHYPTERELLUS QUADRIGIBBUS
MAGNUS - SPRAYS
Richardson, J. Ec. Ent. 39:381, 1946.
- TACHYTRECHUS MOECHUS Loew. -
MATING
Steyskal, Bklyn. Ent. Soc. B. 41:169,
1946.
- TAENIOPODA EQUES (Burm.)
Lauderdale, Ariz. St. Ent. R. f.
1945/46:21.
- TAENIORHYNCHUS AFRICANUS (Theob.),
see MANSONIA AFRICANA (Theob.)
- TAENIORHYNCHUS PERTURBANS
(Wlkr.), see MANSONIA PERTUR-
BANS (Wlkr.)
- TAENIORHYNCHUS TITILLANS (Wlkr.),
see MANSONIA TITILLANS
- TAENIOTHRIPS ATRATUS (Hal.)
Watson, Fla. Ent. 28:53, 1946.
- TAENIOTHRIPS AUREUS Moul.,
n Moulton, Pan-Pac. Ent. 22:59-60,
1946.
- TAENIOTHRIPS CYPERACEAE Bianchi
ni Bianchi, Hawaiian Ent. Soc. P. 12:
283-286, 1945.
- TAENIOTHRIPS GLADIOLI Moul. &
Steinw., see TAENIOTHRIPS SIM-
PLEX (Mor.)
- TAENIOTHRIPS INCONSEQUENS (Uzel)
(PEAR THRIPS)* (PRUNE THRIPS)
Downes, Can. Ins. Pest Rev. 24:127,
1946.
Downes et al., Can. Ins. Pest Rev. 25.
97, 1947.
Lamiman & Smith, Cal. Ext. C. 103
rev.:71, 1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711:
53-54, 1947.
Robertson, B. C. Dept. Agr. R. 40·
V49-V50, 1946, 41:W73, 1947.
Smith, Cal. Ext. C. 46 rev.:44, 1947.
Venables, Can. Ins. Pest Rev. 24.119,
1946.
- TAENIOTHRIPS INCONSEQUENS - IN-
SECTICIDES
Annand, USDA EPQ R. f. 1945/46.11,
f. 1946/47 12.
Jones & Mote, Oreg. C. Inform. 374,
4 p., 1946, 401,4 p., 1947, 405 1-2,
4, 1947.
- TAENIOTHRIPS INCONSEQUENS - IN-
SECTICIDES - DDT
Borden, Cal. C. 365 73-76, 1946.
Gardiner, Can. Min. Agr. R. f.
1945/46:16.
Jones, J. Ec. Ent. 38:122, 1945.
Jones, Oreg. St. Hort. Soc. R. 38:9-
10, 1946.
- TAENIOTHRIPS INCONSEQUENS -
SPRAYS
Borden, in Cal. Agr. Expt. Sta., In-
vest. with DDT in Cal. 1944:18, 1945.
Buchanan, Wash. B. 482.49-50, 1946.
Childs et al., Oreg. Ext. B. 664.2-3,
1946.
Gardiner, Can. Min. Agr. R. f.
1946/47:86.
Howard & Brooks, Cal. Ext. C. 117
rev.:65, 1947.
- TAENIOTHRIPS INCONSEQUENS -
SPRAYS - DDT
Annand, USDA EPQ R. f. 1945/46:3.
Childs et al., Oreg. Ext. B. 663:3,
1946.
Marshall, Wash. St. Hort. Assoc. P.
42:69-70, 1946.
Ross, Can. Dept. Agr. Div. Ent. Proc-
essed Pub. 64:2, 1947.
Trullinger et al., USDA OES R. f.
1945/46:109, 1947.
- TAENIOTHRIPS SIMPLEX (Mor.)
(GLADIOLUS THRIPS)*
Arnason et al., Can. Ins. Pest Rev.
25:107, 1947.
Bird & Mitchener, Can. Ins. Pest Rev.
24:70, 1946.
Cummings, Amer. Nurserym. 84(10):
11-12, 1946.
Dustan, Can. Dept. Agr. Div. Ent.
Processed Pub. 69,6 p., 1947.
Flock, Ariz. St. Ent. R. f. 1944:10,
1945.
Knight, N. Amer. Glad. Council B.,
June 1946:12.
Lyle, Miss. Farm Res. 8(6):8, 1945.
Lyle, Miss. Inform. Sheet 344:2, 1945
McDaniel, Flor. Rev. 98(2534):33,
1946.
i Parks & King, Ohio Ext. B. 76 rev.:
23, 1947.

- TAENIOTHIRIPS SIMPLEX**--Continued.
 Ryan, Home Gard. (N. Y.) 8(6):57-60, 1946.
 Thompson, Can. Ins. Pest Rev. 24.42, 1946.
 Watson, Fla. R. f. 1944/45:65.
 Wheeler, Gladiolus 21:47-48, 1946.
- TAENIOTHIRIPS SIMPLEX - DIPS**
 Knight, N. Amer. Glad. Council B. No. 3:7, 1945.
- TAENIOTHIRIPS SIMPLEX - DUSTS - DDT**
 Farrar, Gladiolus Mag. 9(4).10-11, 1946.
- TAENIOTHIRIPS SIMPLEX - FUMIGANTS**
 Gannon, Gladiolus 20:54-55, 1945.
 Mackie, Cal. Dept. Agr. Sp. Pub. 209-10, 1945.
 Odell, Gladiolus 20.51, 1945.
 Pierce, N. Amer. Glad. Council B., Mar. 1946, 7.24.
- TAENIOTHIRIPS SIMPLEX - INSECTICIDES**
 Brooks & Anderson, J. Ec. Ent. 40 223, 228, 1947.
 Granovsky, Minn. Hort. 75.74-75, 1947.
 i Lecker, Ind. Ext. B. 239 rev. 7-8, 1947.
 McDaniel, Gladiolus 22:41-43, 1947.
 Magie, Gladiolus Mag. 11(4).18-20, 1947.
 Magie, N. Amer. Glad. Council B. No. 11.16, 1947.
 Magie & Kelsheimer, Fla. R. f. 1945/46 118, f. 1946/47:130.
 Ryan, Maine Glad. Soc. Glad Book f. 1947:30-31.
 b Smith & Boswell, Gladiolus Mag. 11 (3).10-13, 1947.
- TAENIOTHIRIPS SIMPLEX - INSECTICIDES - DDT**
 i Grove, Iowa B. P-85:824-825, 1947.
 Magie & Kelsheimer, Control de Plagas 9:102-103, 1947.
 Magie & Kelsheimer, Fla. PB 634, 4 p., 1947.
 Ryan, N. Amer. Glad. Council B., June 1946:6.
 Smith, Maine Glad. Soc. Glad Book f. 1947.26-28.
 Thomssen, Agr. Chem. 2(8):35, 1947.
- TAENIOTHIRIPS SIMPLEX - SPRAYS**
 b Hoppe, Wis. Hort. 35:235-236, 1945.
 Howard et al., USDA Misc. Pub. 526 rev.:27, 1945.
- TAENIOTHIRIPS SIMPLEX - STORED CORMS**
 i Granovsky, Minn. Hort. 75:117-118, 1947.
- FAENIOTHIRIPS XANTHIUS** (Williams)
 Cory, Amer. Orchid Soc. B. 16:146-147, 1947.
 Sakimura, Hawaiian Ent. Soc. P. 13:2, 1947.
 Steinweden, Orchid Digest 9:266, 1945.
- TAMARIND WEEVIL, see SITOPHILUS LINEARIS** (Hbst.)
- TANAOSTIGMA HAEMATOTOXYLI** Doz.
 i Martorell, P. R. Univ. J. Agr. 29: 552, 555-557, 1945.
- TANIVA ALBOLINEANA** (Kearf.) (SPRUCE NEEDLE MINER)*
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944.32, 1945.
 Daviault & Lambert, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1945 24, 1946.
 Leech, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 66, 1945, f. 1945.63, 1946.
 Mathers, Can. Ins. Pest Rev. 24 122, 1946.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 56, 1945, f. 1945 57, 1946.
 Peterson, Can. Ins. Pest Rev. 25 56, 1947.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946-73, 1947.
- TANIVA ALBOLINEANA - PARASITES**
 Daviault, Quebec Min. Lands & For. R. f. 1944/45 117, 1946.
- TANYMECUS CONFUSUS** Say
 i Bruhn, Great Basin Nat. 8 14, 1947.
- TANYPODINAE - IOWA**
 bi Hauber, Amer. Mid. Nat. 34 496-503, 1945.
 bi Hauber & Morrissey, Amer. Mid. Nat. 35 532-534, 1946.
- TANYPTERYX HAGENI** (Selys)
 Whitney, Ent. News 58 103, 1947.
- TANYTARSUS** Wulp - IOWA
 bi Hauber, Iowa Acad. Sci. P. 51 451-461, 1945.
- TANYTARSUS** sp.
 Wirth, Hawaiian Ent. Soc. P. 12.491, 1946.
- TAPHROCERUS MERCEDENSIS** White - CALIFORNIA
 n White, Ent. News 58 182-184, 1947.
- TAPINOMA** Foerst. - DUSTS - DDT
 Dove, USDA EPQ E-673 12, 1945.
- TAPINOMA MELANOCEPHALUM** (F.)
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba 547, 1946.
- TAPINOMA SESSILE** (Say) (ODOROUS HOUSE ANT)*
 Fautin, Ecol. Monog. 16:269, 1946.
 Jaynes & Marucci, J. Ec. Ent. 40 19, 1947.
- TARANTULA & WASP**
 i Sanders, Pop. Sci. Month. 146(1) 126-127, 209-210, 1945.
- TARANTULA HAWKS, see PEPISIS F. TARANTULAS**
 bi Baerg, Conn. Acad. Arts & Sci. Trans. 36.104-113, 1945.
 i Carr, Desert Parade 59.62, 1947.
 Dexter, Nature Mag. 39:229, 1946.
 i Dodge, Poisonous Dwellers of the Desert:17-18, 1947.
- TARGIONIA** sp. near DEARNESSI (Ckll.)
 Romney, J. Ec. Ent. 39.670, 1946.
- TARGIONIA SACCHARI** (Ckll.)
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:547, 1946.
- TARGIONIA YUCCARUM** (Ckll.)
 Romney, J. Ec. Ent. 39.671, 1946.

- TARNETRUM** Needh. & Fisher -
NYMPHS
 bk Wright, Tenn. Acad. Sci. J. 21:198-200, 1946.
- ***TARNISHED PLANT BUG**, see **LYGUS OBLINEATUS** (Say)
- TARSONEMIDAE** - INSECTICIDES
 b Roark, USDA EPQ E-655:12, 1945.
- TARSONEMUS** Can. & Fanz. & ACARIASIS
 bi Sar, Amer. Rev. Tuberc. 53:440-446, 1946.
- TARSONEMUS** sp.
 Pickett et al., Sci. Agr. 26:597, 1946.
- TARSONEMUS BANCROFTI** Michael (WEST INDIAN SUGARCANE MITE)
 Annand, USDA EPQ R. f. 1943/44:13; f. 1944/45:32.
 Ingram et al., Sugar J. 9(11):23, 1947.
- TARSONEMUS LATUS** Banks, see **HEMITARSONEMUS LATUS** (Banks)
- TARSONEMUS PALLIDUS** Banks (CYCLAMEN MITE)*
 French, Mass. Ext. Fruit Notes, Feb. 15, 1945, 1-2.
 Hamilton, Natl. Chrysanthemum Soc. B. 3(2):7-8, 1947.
 i Holley, N. H. B. 359:14-15, 18, 35, 1945.
 Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:62, 1946.
 Leonian, Amer. Delphinium Soc. Delphinium:21-22, 1946.
 MacAndrews, Amer. Delphinium Soc. Delphinium:9-11, 1945.
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:22, 1946.
 Webster, Wash. Ext. B. 246 rev.:21, 1946.
- TARSONEMUS PHYLLOPHORUS** Ewing
 Myers, USDA EPQ Ins. Pest Surv. Sp. Sup. (1947, No. 2):8.
- TARSONEMUS SPINIPES** Hirst.
 Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar in Cuba:555, 1946.
- TARSONEMUS SPINIPES & SUGAR CANE CHLOROTIC STREAK**
 Jensen, Hawaiian Ent. Soc. P. 12:566, 1946.
- TARSOSTENUS UNIVITTATUS** (Rossi)
 Weber, Hawaiian Ent. Soc. P. 13:22, 1947.
- TAXOMYIA TAXI** Incbh. - SPERMATOGENESIS
 bi White, J. Morph. 81:1-24, 1947.
- TAXUS MEALYBUG**, see **PSEUDOCOCUS MARITIMUS** (Ehrh.)
- TAYLOR'S CHECKER-SPOT**, see **EUPHYDRYAS TAYLORI** (Edwards)
- TEA SCALE**, see **FIORINIA THEAE** Green
- TEGENARIA** sp. - EFFECT OF TARANTULA VENOM
 Miller, J. Ent. & Zool. 39:54-55, 66, 1947.
- TEGETICULA PARADOXA** (Riley)
 Freeman & Freeman, Nat. Hist. 56:59-60, 1947.
- TEGETICULA YUCCASELLA**
 i Freeman & Freeman, Nat. Hist. 54:320-321, 1945.
 Rau, Mo. Bot. Gard. Ann. 32:373-394, 1945.
 i Strausbaugh & Weimer, Gen. Biol. ed. 2:266-269, 1947.
- TEGRODERA EROSA** Lec.
 Flock, Ariz. St. Ent. R. f. 1944:15, 1945.
 i Vorhies & Wehrle, Ariz. B. 203:14-15, 1946.
- TEICHOMYZA FUSCA** Macq. & MYIASIS
 i James, USDA Misc. Pub. 631:154-155, 1947.
- TELAMONA MONTICOLA** (F.)
 Headstrom, Horticulture 24:340, 1946.
- TELEA POLYPHEMUS** (Cram.) (POLYPHEMUS MOTH)*
 i Dillon & Dillon, Mengel Nat. Hist. Soc. Leaf. 2:3-4, 1945.
 i Urquhart, Can. Nature 8:64-65, 1946.
 bi Williams, Biol. Bul. 90:235-243, 1946.
- TELENOMUS** Curt.
 Whiting, J. Hered. 38:17, 20, 1947.
- TELENOMUS ALECTO** (Cwfd.), see **PROPHANURUS ALECTO** Cwfd.
- TELENOMUS ALSOPHILAE** Vier.
 Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:53, 1945.
 Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:68, 73, 1947.
 Schread, Conn. B. 488:417-418, 1945.
- TELENOMUS CHRYSOPAE** Ashm.
 Plutsch, Mont. B. 446:81, 1947.
- TELENOMUS MESILLAE** (Ckll.), see **TELENOMUS UTAHENSIS** Ashm.
- TELENOMUS NIGRISCAPUS** Ashm.
 Madden & Chamberlin, USDA TB 896:48, 1945.
- TELENOMUS PODISI** Ashm.
 Clancy, J. Ec. Ent. 39:327, 1946.
- TELENOMUS SPHINGIS** (Ashm.)
 Madden & Chamberlin, USDA TB 896:48, 1945.
- TELENOMUS UTAHENSIS** (Ashm.)
 Clancy, J. Ec. Ent. 39:326-327, 1946.
- TELMATOGETON** Schin.
 bnk Wirth, Hawaiian Ent. Soc. P. 13:143-191, 1947.
- TELMATOSCOPIUS ALBIPUNCTATUS** (Will.)
 i Brothers, Sewage Works J. 18:181-207, 1946.
 Carollo, Sewage Works J. 18:208-211, 1946.
- TEMNOCHILA VIRESCENS** (F.)
 Fronk, Va. TB 108:9, 1947.
 West, Can. J. Res. Sect. D 25:111, 1947.
- TEMPERATURE & INSECTICIDES**
 Annand, USDA EPQ R. f. 1945/46:17-18; f. 1946/47:22.
 Campbell, West. Grow. & Ship. 16(6):14, 1945.
 Dean & Chapman, N. Y. (G.) B. 716:28-30, 33, 35, 40, 1946.

TEMPERATURE & INSECTICIDES--Continued.

- English, South. Flor. 59(46):11,52, 1947.
- b Fleck & Haller, Indus. & Engin. Chem. Indus. Ed. 38:177-194, 1946.
- Gersdorf & Barthel, Soap & Sanit. Chem. 22(10):155,157, 1946.
- Hamilton, N. Y. St. Hort. Soc. P. 92 160,162, 1947.
- b Harriet et al., J. Agr. Res. 71:553-565, 1945.
- Hinman & Cowan, USDA EPQ E-722 5-7,9,11-18, 1947.
- Hough & Hill, Va. R. f. 1946/47:29.
- Krieger, Agr. Chem. 1(4):20-21, 1946.
- Langhorst, Agr. Chem. 2(4):31,33,69, 1947.
- Monro, Sci. Agr. 27:271,278-279,282, 1947.
- Monro & Delisle, Sci. Agr. 25 813, 1945.
- Newhall, Agr. Chem. 2(8):30-31,63, 1947.
- Rice & MacCreary, Del. B. 261 11-20, 1946.
- Smith et al., Flor. Rev. 99(2569) 32, 34-35, 1947.
- Steinweden, Cal. Dept. Agr. B. 34:8-11, 1945.
- Sun, N. Y. St. Col. Agr. Dept. Ent. 1:61-63,81-82, 1946.
- Whitehead & Bewick, Okla. Acad. Sci. P. 27:44, 1947.
- Wichmann et al., Assoc. Off. Agr. Chem. J. 29:228-231, 1946.
- Wis. Agr. Expt. Sta., Facts about HET (Hexaethyl tetraphosphate) as an Insectic. in Wis.:2, 1947.
- TEMPERATURE & INSECTICIDES - DDT
- Castonguay & Fern, Kans. Acad. Sci. Trans. 49:172-173, 1946.
- b Chisholm & Koblitsky, Agr. Chem. 2(9):35,37, 1947.
- b Cukomp, J. Ec. Ent. 40:444-445, 1947.
- Dustan, Can. Ent. 79:1-4, 1947.
- b Gunther & Tow, Science 104:203-204, 1946.
- Morrison et al., Oreg. C. Inform. 382: 1-2, 1946.
- b Sweetman, Soap & Sanit. Chem. 21 (12):141,143,145,147,149,171, 1945.
- Tarzwel & Sterli, U. S. Pub. Health Rpts. Sup. 186:43,45,47-48, 1945.
- TEMPERATURE & INSECTS
- Abbott, Turtos News 24:189, 1946.
- Abdel-Malek, Ohio J. Sci. 47:210-214, 1947.
- Adrien Robert, Frère, Quebec Soc. Protect. Plants R. 30:183-188, 1947.
- Anand, USDA EPQ R. f. 1943/44:12, 26,32; f. 1944/45:5-6,36,40.
- Back, USDA Leaf. 145 rev.:5-6, 1947.
- b Baker, J. Ec. Ent. 38:96-100, 1945.
- Bare et al., J. Ec. Ent. 39:612-613, 1946.
- Barnes & Lindgren, Date Grow. Inst. R. 23:34-35, 1946.
- Bates, Sci. Month. 63:51, 1946.
- b Bates, Ent. Soc. Amer. Ann. 40:1-12, 1947.

TEMPERATURE & INSECTS--Continued.

- Bates & Roca-García, Amer. J. Trop. Med. 26 593-595, 1946.
- Beacher, Ent. Soc. Amer. Ann. 40. 533-534, 1947.
- Beard, Conn. B. 501.98, 1946.
- Becker, Mass. B. 428.42, 1945.
- Blanc, Genetics 30(1) 2-3, 1945. (Abs.)
- Blanding & Headstrom, Horticulture 23:246, 1945.
- Bohart, Hilgardia 17:280-282,285-287, 296,298,300,305, 1947.
- Bondy & Rainwater, S. C. R. 58:103-104, 1946.
- Boyce & Fawcett, J. Ec. Ent. 40 703, 1947.
- Brett, Okla. TB 26:17,22-31, 1947.
- Brindley & Schopp, USDA EPQ E-668-1-2,5,10, 1945.
- Brunell, Assoc. Can. Franç.-Avanc. Sci. Ann. 13:96, 1947. (Abs.)
- Brunson, J. Ec. Ent. 39:798-800, 1946.
- Burnett, Quebec Soc. Protect. Plants R. 29.84,86, 1945.
- i Cagle & Jackson, Va. TB 107:11-13, 15,24,27, 1947.
- Cartwright et al., Amer. Soc. Agron. J. 38:259-263, 1946.
- Chamberlin & Fluke, Wis. Res. B. 159.3-4, 1947.
- Cook, Ecology 27:43-46, 1946.
- Cooke, Conn. B. 512:28, 1946.
- Cotton, Seed Trade Buyers Guide 29. 119-120, 1946.
- Cotton, Pest Control & Sanit. 2(12) 23-24, 1947.
- Cotton & Frankenfeld, USDA EPQ E-677.1-2,4-5,12, 1945.
- Cotton et al., USDA C. 720 4-5,8,51-58,70, 1945.
- Cowan & Shipman, J. Ec. Ent. 40:825-826, 1947.
- Culpepper, J. Ec. Ent. 39:473-474, 1946.
- Cutright & Vogel, Ohio St. Hort. Soc. P. 78.48-51,59-60, 1945.
- Cutright et al., Ohio Bimo. B. 30.195, 1945.
- Daviault, Assoc. Can.-Franç. Avanc. Sci. Ann. 11:100, 1945. (Abs.)
- Daviault, Rev. Can. de Biol. 6.366-368, 1947.
- Davis, Ecol. Monog. 15:263-272,293-295, 1945.
- Dean & Chapman, N. Y. (G.) B. 716:9-11,40, 1946.
- bi Dolley & Golden, Biol. Bul. 92.178-186, 1947.
- Douglass et al., Amer. Soc. Sugar Beet Technol. P. 4:293-297, 1947.
- Doyle, Quebec Soc. Protect. Plants R. 30:63, 1947.
- Drake et al., Iowa R. f. 1944/45 Pt. 2:67.
- Dudley et al., USDA EPQ E-651.1-6, 1945.
- Edwards, J. Cell. & Compar. Physiol. 27(1):53-64, 1946.
- b Ephrussi & Herold, Genetics 30.62-70, 1945.
- Fan & Hodson, Sci. News Let. 49:319, 1946.

TEMPERATURE & INSECTS--Continued.

- Farrar, Soybean Digest 6(2):12-13, 1945.
 i Fife et al., J. Ec. Ent. 40:540-541, 1947.
 Filinger, Kans. C. 235:13, 1946.
 Finney et al., Hilgardia 17:440,442, 446-448,451-452,470,472,475-476, 1947.
 bi Friedland & Harnly, Biol. B. 88: 247-253, 1946.
 Gambrell, N. Y. (G.) R. 65:22, 1947.
 Gauthier & Rioux, Quebec Soc. Protect. Plants R. 29:87, 1945.
 Gier, Ent. Soc. Amer. Ann. 40:305, 307-308, 1947.
 Giglioli, Natl. Malar. Soc. J. 6:161-162, 1947.
 Glaser, J. Parasit. 32:486-488, 1946.
 Gould & Deay, Pest Control & Sanit. 1(9):13, 1946.
 Gray, Can. Food Packer 17(10):31, (12):27, 1946.
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:11-14, 1945.
 Grayson, J. Ec. Ent. 39:164-166, 1946.
 Groskin, Ent. News 58:67-72, 1947.
 Gross & Walkden, USDA YB f. 1943/47: 863,865.
 Grundemann, Kans. Ent. Soc. J. 20:80-81,84, 1947.
 Guppy, B. C. Ent. Soc. P. 43:29, 1947.
 Hare, Pan-Pac. Ent. 21:54-56, 1945.
 Hetrick, Va. B. 409:9,22, 1947.
 Hill, Wyo. R. 54:24, 1946?
 Hixson et al., Neb. R. 60:52, 1947.
 Hodson & Weinman, Minn. TB 170:15-25,28-29, 1945.
 House, Quebec Soc. Protect. Plants R. 30:62, 1947.
 Hovanitz, Mich. Univ. Lab. Vertebrate Biol. Contrib. 32:3-4,6,8-21, 1947.
 Hockett, N. Y. (G.) B. 713:4-5, 1945.
 Isely, Ark. B. 462:10-15,27, 1946.
 Jenkins, Ent. Soc. Amer. Ann. 40:63-65, 1947.
 Johnson, Conn. B. 501:71-74, 1946.
 Knight, N. Amer. Glad. Council B., June 1946:12.
 Lapointe, Assoc. Can.-Franc. Avanc. Sci. Ann. 13:95-96, 1947. (Abs.)
 b Lathrop & Dirks, J. Ec. Ent. 38:331-334, 1945.
 Leach & Bishop, W. Va. B. 326:14-15, 18,24-25,34, 1946.
 Lindquist et al., J. Ec. Ent. 38:261-264, 1945.
 Lindquist et al., Kans. Ent. Soc. J. 19: 13-15, 1946.
 Luce, Genetics 31:223-224, 1946. (Abs.)
 Luce, Ill. St. Acad. Sci. Trans. 38: 111-112, 1946.
 b Ludwig, Physiol. Zool. 18:103-135, 1945; 19:355-359, 1946.
 Madden & Chamberlin, USDA TB 896: 20-23,27-30, 1945.
 Magie & Mundinger, N. Y. (G.) Farm Res. 12(2):11, 1946.
 Mallis, Pest Control & Sanit. 2(3):11, 1947.
 Martineau, Quebec Min. Lands & For. R. f. 1944/45:122, 1946.

TEMPERATURE & INSECTS--Continued.

- Mathis, Fla. Ent. 29:22-29,33, 1947.
 Mercier, Quebec Soc. Protect. Plants R. 30:103, 1947.
 Michelbacher, Cal. Agr. 1(8):1,3, 1947.
 Mickel & Standish, Minn. TB 175:4, 6-23,26-28, 1946; 178,20 p., 1947.
 bi Mills et al., Mont. B. 437:10-11, 1946.
 Morisset, Assoc. Can.-Franc. Avanc. Sci. Ann. 12:88-89, 1946. (Abs.)
 i Neiswander, Ohio B. 673:71-72, 1947.
 Newell, J. Ec. Ent. 40:687-688, 1947.
 Parker, USDA EPQ E-653:1,3,5, 1945.
 Parker, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:59-60, 1947.
 Peterson, Man. of Ent. Equip. & Methods ed. 5, Pt. 1-2:10-11,17, 1947.
 Pfadt, Colo.-Wyo. Acad. Sci. J. 3(3/4): 47, 1946. (Abs.)
 b Pfadt, J. Ec. Ent. 40:293-300, 1947.
 Pletsch, Mont. B. 446:22-23,55-56, 62-67,84, 1947.
 Questel, J. Ec. Ent. 38:54, 1945.
 Rees & Harmston, Mosq. News 6:73-75, 1946.
 Rees & Nielsen, N. J. Mosq. Exterm. Assoc. P. 34:163, 1947.
 Roberts, Silk Cult. in Amer.:30,47, 74-75, 1945.
 Rockwood & Reeher, USDA EPQ E-650:1,5-6,8, 1945.
 Romney, Ecology 26:138-147, 1945.
 Romney et al., USDA EPQ E-672:3, 7-8, 1945.
 Rosenstiel, J. Ec. Ent. 40:797-798, 1947.
 Salt, Ent. Soc. Manitoba P. 3:34-39, 1947.
 Salt & Seamans, Can. Ent. 77:150-155, 1945.
 Schread, Conn. B. 488:337-338, 1945; 505:7-8, 1947.
 Scott & Milam, J. Ec. Ent. 38:712-713, 1945.
 Sechrist, South. Beekeeper 1(10):8-9, 1947.
 Shaw & Bourne, J. Ec. Ent. 39:544, 1946.
 i Shaw & Starr, J. Agr. Res. 72:265-276, 1946.
 Simmonds, Can. Ent. 79:43, 1947.
 Slate, Conn. R. f. 1944/45:16-17,19.
 Smith et al., USDA TB 905:43-53, 1946.
 Snyder, Amer. J. Pharm. 118(1):21, 1946.
 Sprules, Toronto Univ. Studies Biol. Ser. 56:4,11,14-16,23,33,56-60,62-64,66-71,73, 1947.
 Stanley, Ecology 27:303-314, 1946.
 Stone & LaHue, J. Ec. Ent. 39:583-588, 1946.
 Talbot, Ecology 27:65-70, 1946.
 Tauber & Bruce, Iowa St. Col. J. Sci. 20:53-55, 1945.
 Thompson, Can. Dairy & Ice Cream J. 25(5):62,64, 1946.

TEMPERATURE & INSECTS--Continued.

- Trembley, J. Ec. Ent. 40:245-246, 249, 1947.
 b Villee, Amer. Nat. 79:246-258, 1945.
 Wallace, Conn. B. 488:387-388, 1945.
 b Wallis, J. Ec. Ent. 39:689-690, 693-694, 1946.
 Watson et al., Natl. Malar. Soc. J. 5: 193-195, 1946.
 Weathersbee, Natl. Malar. Soc. J. 5: 264, 1946.
 Webster, Wash. St. Hort. Assoc. P. 42:201, 1946.
 Weiss, N. Y. Ent. Soc. J. 55:275-279, 1947.
 b Wellington, Can. Ent. 77:7-15, 21-28, 135-136, 1945.
 West, Can. J. Res. Sect. D 25 104, 108, 111-112, 1947.
 b Wishart, Can. Ent. 79:81-83, 1947.
 b₁ Wulff & Jahn, N. Y. Ent. Soc. J. 55 67-82, 1947.
 U. S. War Dept. TB MED 184.5, 1945.
TEMPERATURE & INSECTS, see also
CLIMATE & INSECTS, INSECTI-
CIDES - HEAT, INSECTS - BODY
TEMPERATURE, WEATHER &
INSECTS
TEMPERATURE & INSECTS - CALI-
FORNIA
 bi Cook, Ent. Soc. Amer. Ann. 38:149-162, 1945.
TEMPERATURE & INSECTS - EFFECT
ON DIAPAUSE
 b Salt, Can. J. Res. Sect. D 25:66-86, 1947.
TEMPERATURE & INSECTS - EFFECT
ON FEEDING
 Walton & Whitehead, J. Ec. Ent. 38: 458-463, 1945.
TEMPERATURE & INSECTS - EFFECT
ON HEART BEAT
 Jahn & Koel, Anat. Rec. 99:674, 1947. (Abs.)
TEMPERATURE & INSECTS - EFFECT
ON LONGEVITY
 Haviland, J. Ec. Ent. 40:416, 1947.
 Miner, J. Ec. Ent. 40:581-583, 1947.
TEMPERATURE & INSECTS - EFFECT
ON MATING
 Wilkes, Quebec Soc. Protect. Plants R. 30:176-178, 1947.
TEMPERATURE & INSECTS - EFFECT
ON OVERWINTERING
 b Brody & Rogers, J. Ec. Ent. 38:85-89, 1945.
 Davis & Landis, J. Ec. Ent. 40:821-824, 1947.
 Deonier, J. Ec. Ent. 38:90-95, 1945.
 b Hatchett, U. S. Pub. Health Rpts. 61:1234-1244, 1946.
 Lindquist & Barrett, J. Ec. Ent. 38: 77-83, 1945.
 Parish, J. Ec. Ent. 38:83-84, 1945.
TEMPERATURE & INSECTS - EFFECT
ON RESPIRATION
 b Birch, Ecology 28:17-25, 1947.
TEMPERATURE & INSECTS - EFFECT
ON SEX
 b Cole, U. S. Pub. Health Rpts. 60: 1337-1342, 1945.

TEMPERATURE & INSECTS - EFFECT
ON SEX--Continued.

- b Flanders, Amer. Nat. 79 122-141, 1945.
 Martin & Finney, J. Ec. Ent. 39 297-298, 1946.
TEMPERATURE & INSECTS - EFFECT
ON TUMORS
 b Hartung, J. Expt. Zool. 106:223-232, 1947.
TEMPERATURE & INSECTS - SOLAR
RADIATION
 b Querci & Romei, Fla. Ent. 28 20-21, 36-38, 1945.
TEMPERATURE (HIGH) & INSECTS
 Armitage et al., Cal. Dept. Agr. B. 35.207, 1947.
 Balzer & Cotton, USDA FB 1906 rev. 10-11, 1947.
 Dolley & Golden, Anat. Rec. 99:673-674, 1947. (Abs.)
 Feiner, Internatl. Confect. 55(5) 36-37. (11) 38, 40, 1945.
 Garman, Conn. B. 488 339-341, 1945.
 Gray, Northw. Mill. Mill. Prod. Sect. 229(10) 3a, 1947.
 McGugan, Assoc. Off. Seed Anal. News Let. 20(1) 14, 1946.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 33 4-5, 1945.
TEMPERATURE (HIGH) & INSECTS -
EFFECT ON SEX
 b Mittler, Amer. Nat. 80:532-546, 1946.
TEMPERATURE (LOW) & INSECTS
 i Bucher, Ohio St. Univ. Abs. Doctoral Diss. 53:11-15, 1947.
 Dowden, Ent. Soc. Amer. Ann. 39:229-232, 240, 1946.
 Fronk, Va. TB 108:9-10, 1947.
 Garner, Prod. of Tob. 300, 1946.
 Hervey & Schroeder, J. Ec. Ent. 40: 507-508, 1947.
 Hill, Wyo. R. 55:25, 1946?
 i Hutchinson, J. Ec. Ent. 40:921-922, 1947.
 James, Ent. Soc. Ont. R. 75:35-36, 1945.
 i Johnson et al., USDA EPQ E-711: 12-25, 1947.
 b King, Genetics 32:161-164, 1947.
 LaBelle & Friend, Conn. B. 488:320, 1945.
 b Monro, Can. Ent. 77:192-196, 1945; 79:182-190, 1947.
 Salt & James, Can. Ent. 79:33-36, 1947.
 bi Siegler, J. Agr. Res. 72:329-340, 1946.
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 33:4-5, 1945.
 bi Williams, Biol. Bul. 90:234-243, 1946.
 i Woodroof et al., Refrig. Engin. 53: 124-127, 152, 1947.
 Va. Ext. B. 97 rev.:41, 1947.
TEMPERATURE (LOW) & INSECTS -
QUICK FREEZING
 Gul, Ohio B. 659:111-112, 1945.
 *TEN-LINED JUNE BEETLE, see
 POLYPHYLLA 10-LINEATA (Say)

- TENDIPEIDAE**
 bi Flentje, Amer. Water Works Assoc. J. 37:1199-1203, 1945.
 bi Hauber, Iowa Acad. Sci. P. 51:451-461, 1945.
 Peterson, Can. Ins. Pest Rev. 24:110, 1946.
 Sprules, Toronto Univ. Studies Biol. Ser. 56:17-18, 20, 22-23, 25, 28-31, 34-35, 39-41, 48, 52-54, 63-64, 67, 1947.
 Wirth, Hawaiian Ent. Soc. P. 12:490-491, 1946.
- TENDIPEIDAE - INSECTICIDES**
 b Roark, USDA E-652.11-13, 1945.
- TENDIPEIDAE - POETRY**
 Twinn, Pests 14(2).20, 1946.
- TENDIPEIDAE - PREDATORS**
 Travis, Ent. Soc. Wash. P. 49.21, 1947.
- TENDIPEINAE**
 bni Hauber, Amer. Mid. Nat. 38:456-465, 1947.
 nik Townes, Amer. Mid. Nat. 34 1-206, 1945.
- TENDIPES Meig. - CHROMOSOMES (SALIVARY GLAND)**
 bi d'Angelo, Biol. B. 90:71-87, 1946.
- TENDIPES (LIMNOCHIRONOMUS (Kieff.) - IOWA**
 bik Hauber & Morrissey, Iowa Acad. Sci. P. 52:287-292, 1946.
- TENDIPES sp.**
 Van Zwaluwenburg, Hawaiian Planters' Rec. 50:12, 1946.
- TENDIPES PLUMOSUS (L.) - ENDOCRINES, RETRO-CEREBRAL**
 bi Arvy & Gabe, Rev. Can. de Biol. 6: 777-796, 1947.
- TENEBRIO L. - LARVAE - RESPIRATION**
 Edwards, J. Cell. & Compar. Physiol. 27(1):55-64, 1946.
- TENEBRIO MOLITOR L. (YELLOW MEALWORM)***
 Arnason et al., Can. Ins. Pest Rev. 24:90, 1946.
 i Cotton, Pest Control & Sanit. 2(12). 11, 13, 1947.
 Gray, Can. Food Packer 17(11).27, 1946.
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:5, 1945.
 i Jackson, Turtox News 23:12-14, 1945.
 i Linsley & Michelbacher, Pest Control & Sanit. 1(10).10-11, 1946.
 i Smallman, Wallerstein Lab. Commun. 8:160-161, 1945.
 i Smallman, Can. Grain J. 1(7):9-10, 1946.
- TENEBRIO MOLITOR - PARASITES - TAPEWORMS**
 b Bailey, J. Parasit. 33:433-434, 1947.
- TENEBRIO MOLITOR - PUPAE**
 i Daggy, Ind. Acad. Sci. P. 56:253, 1947?
- TENEBRIO MOLITOR - ULTRA-VIOLET RADIATION**
 b Horen, J. Ec. Ent. 40:433-434, 1947.
- TENEBRIO MOLITOR & CANTHARIASIS**
 b Palmer, J. Parasit. 32:54-55, 1946.
- TENEBRIO OBSCURUS F. (DARK MEALWORM)***
 i Cotton, Pest Control & Sanit. 2(12): 11, 13, 1947.
- TENEBRIO OBSCURUS--Continued.**
 Gray, Can. Food Packer 17(11):27, 1946.
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:5, 1945.
 Smallman, Wallerstein Lab. Commun. 8:160-161, 1945.
- TENEBRIO OBSCURUS - INSECTICIDES - DDT**
 Kulash, N. C. Res. & Farm. 4 (Prog. R. 1):10, 1945.
 Stuckey, Ga. R. 58:81-82, 1946.
- TENEBRIO OBSCURUS - PUPAE**
 i Daggy, Ind. Acad. Sci. P. 56:253, 1947?
- TENEBRIO PICIPES Hbst.**
 MacNay, Can. Ins. Pest Rev. 25:124, 1947.
- TENEBRIO PICIPES - PUPAE**
 i Daggy, Ind. Acad. Sci. P. 56 256, 1947?
- TENEBRIONIDAE - ODORIFEROUS GLANDS**
 bi Roth, Ent. Soc. Amer. Ann. 38 77-87, 1945.
- TENEBRIONIDAE - PUPAE**
 bik Daggy, Ind. Acad. Sci. P. 56 253-260, 1947?
- TENEBRIOIDES COLLARIS (Sturm)**
 Fronk, Va. TB 108:9, 1947.
- TENEBRIOIDES CORTICALIS (Melsh.)**
 Jaynes & Marucci, J. Ec. Ent. 40:15, 1947.
- TENEBRIOIDES MAURITANICUS (L.) (CADELLE)***
 Balzer & Cotton, USDA FB 1906 rev.. 4-5, 1947.
 Cotton, Pest Control & Sanit. 2(12): 11-12, 22, 1947.
 Cotton & Frankenfeld, USDA EPQ E-677:1, 1945.
 i Cotton et al., USDA C. 720:4, 16-17, 1945.
 Farrar, Soybean Digest 6(2):13, 1945.
 Gray, Can. Food Packer 17(11):27, 1946.
 Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:6, 1945.
 i Holmes, Bakers' Helper 86(1070): 49, 56; (1072):78, 1946.
 Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):5, 1947.
 i Linsley & Michelbacher, Pest Control & Sanit. 1(10):10-11, 1946.
 Michelbacher, Assoc. Oper. Mill. B., Feb. 1947:1579-1580.
 Stearns, Del. B. 263:27, 1947.
- TENEBRIOIDES MAURITANICUS - FUMIGANTS**
 Monro, Sci. Agr. 27:270-271, 1947.
 Monro & Delisle, Sci. Agr. 25:797-816, 1945; abridged in Pests 14(9): 14, 16-17, 20-22, 1946.
 Osorio, Control de Plagas 8:133, 136, 1946.
 Richardson, Iowa R. f. 1944/45 pt. 2: 70.
 b Richardson, J. Ec. Ent. 38:478-480, 1945.
- TENEBRIOIDES MAURITANICUS - INSECTICIDES**
 Annand, USDA EPQ R. f. 1943/44:11-12

**TENEBROIDES MAURITANICUS - IN-
SECTICIDES - DDT**

Stuckey, Ga. R. 58 82, 1946.

**TENEBROIDES MAURITANICUS -
PACKAGED GOODS**

1 Michelbacher, Mod Packaging 20(5)
143-145, 172, 1947.

Stuckey, Ga. R. 59 91-92, 1947.

TENODERA ANGUSTIPENNIS Sauss.

(NARROW-WINGED MANTIS)* -
OOTHECAE

1 Breland & Dobson, Ent. Soc. Amer.
Ann. 40:558,571-572, 1947.

**TENODERA ANGUSTIPENNIS - PARA-
SITES**

Bianchi, Hawaiian Ent. Soc. P. 12 490,
1946.

Swezey, Hawaiian Ent. Soc. P. 12 341,
1945.

TENODERA ARIDIFOLIA SINENSIS
Sauss. (CHINESE MANTIS)*

1 Breland & Dobson, Ent. Soc. Amer.
Ann. 40 558,572-574, 1947

**TENT CATERPILLARS. see MALACO-
SOMA Hbn.**

TENTHECORIS Scott

buk Hsiao & Sailer, Wash. Acad. Sci
J. 37 64-72, 1947.

TENTHECORIS BICOLOR Scott

Swezey, Hawaiian Ent. Soc. P. 12 367,
1945.

TENTHECORIS VESTITUS (Dist.)

Swezey, Hawaiian Ent. Soc. P. 12 368
1945.

TENTHREDINIDAE

Connaughton, USDA FS South. For.
Expt. Sta. R. 26 61, 1946.

Robert, Assoc. Can.-Franc. Avanc
Sci. Ann. 12:85, 1946. (Abs.)

TENTHREDINIDAE - PINE PLANTINGS

Houser, Ohio B. 659 157-158, 1945.

TENTHREDINIDAE - SPRAYS

Davis, Amer. Nurserym. 84(9) 9, 1946.
Farrar, Arbor. News 11 43, 1946.

TENUIPALPUS Donnad.

ni Baker, Ent. Soc. Wash. P. 47 33-38
1945.

TENUIROSTRITERMES TENUIROSTRIS
(Desn.) - CASTES

b Light & Weesner, Science 106 244-
245, 1947.

TEPHRITIDAE

b Forsell, Northw. Sci. 21 167, 1947.
b Roark, USDA EPQ E-652.74-82,
1945.

Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1945/46 12. f. 1946/47:
10-11.

TEPHRITIDAE - LARVAE

bik Phillips, Amer. Ent. Soc. M. 12.
161 p., 1946.

TERAS ILLEPIDA (Butl.), see CRYPTO-
PHLEBIA ILLEPIDA (Butl.)

TERASTIA METICULOSALIS Guen.

1 Martorell, P. R. Univ. J. Agr. 29
526-527, 529-530, 1945.

TERMITES

1 Barbour, A Nat. in Cuba:105-107,
1945.

Carr, Desert Parade:64, 1947.

Downes et al., Can. Ins. Pest Rev. 25:
121, 1947.

TERMITES--Continued.

1 Mallis, Handb. of Pest Control 98-
158, 1945

1 Miller et al., Pest Control & Sanit.
1(2) 8-11, 1946.

Phillips & Cole, Fla. B. 411 32, 1945,
rev. 31-33, 1947

Schweis, Nev. St. Dept. Agr. Bien. R
f. 1944/46 23.

1 Shepard, Pests 14(11) 16,18, 1946.

Smith et al., Kans. Ent. Soc. J. 19 51,
1946.

Smith et al., Kans. Ent. Soc. J. 20.56,
1947.

1 Snyder, Better Homes & Gard. 25
(10) 144-147, 1947.

Thompson, Ont. Dept. Agr. R. f
1945/46 121.

TERMITES - BIOLOGY

1 Light, Pest Control & Sanit. 2(2) 22-
23, 1947.

TERMITES - BUILDING CONSTRUCTION

1 Berger, Ill. Nat. Hist. Surv. C. 41
13-21, 1947.

1 Davis, Ind. Ext. B. 225 rev. 5-12,
1946

Gardiner, Can. Min. Agr. R. f.
1945 46 74

Hill, Pests 14(4) 24-25, 1946.

1 Hougham, Pest Control & Sanit. 1(3)
20-21, 1946.

1 Mallis, Handb. of Pest Control 133-
157, 1945

Roney, Ariz. Ext. Ext. Folder W-45,
6 p., 1945.

1 Schmitt, N. J. C. 484 5-10, 1946

Snyder, Pest Control & Sanit. 2(2) 10,
1947.

b Turner, Pests 15(5) 12,14, 1947.

1 Wheeler, Sun-up 2(11) 16,33, 1947.

1 Pest Control & Sanit. 1(1) 20-21,
(2) 20-21, (3) 20-21, (4) 20-21, (5) 20-21, (6) 20-21, (7) 20-21, (8) 20-21, (9) 20-21, (10) 20-21, (11) 20-21, (12) 20-21, 1946, 2(1) 20-21, (2) 20-21, (3) 20-21, (4) 20-21, (5) 20-21, (7) 20-21, (8) 20-21, (9) 21, (10) 20-21, (11) 21, (12) 21, 1947.

1 USDA EPQ For. Ins. Invest., USDA
FB 1911 rev. 10-34, 1946.

1 U. S. War Dept. TM 5-632 (PB-2435):
60-63, 1945.

TERMITES - BUILDING CONSTRUCTION - INSPECTION

Gray, Pest Control & Sanit. 2(2) 16-
17, 1947.

Hackley, Pests 14(5) 16,18, 1946.

Hodel, Pest Control & Sanit. 2(5) 12-
14, 1947.

Miller, Pests 13(7) 18, 1945.

TERMITES - CASTES

Abbott, Frontiers 11 88-90, 1947.

1 Berger, Ill. Nat. Hist. Surv. C. 41:
10-13, 1947.

b Light & Weesner, Science 106:244-
245, 1947.

TERMITES - COLD FRAMES

Mullen, Turtax News 25 164, 1947.

TERMITES - CONTROL

1 Baerg & Lincoln, Ark. Ext. C. 446,
10 p., 1947.

TERMITES - CONTROL--Continued.

i Berger, Ill. Nat. Hist. Surv. C. 41, 44 p., 1947.

i Davis, Ind. Ext. B. 225 rev.:12 p., 1946.

Hill, Pests 14(4):24-25, 1946.

Howell, Pests 14(12):46-47, 1946.

Snyder, South. Lumberm. 170(2141): 46, 1945.

i Snyder, Pest Control & Sanit. 2(2):8-13, 1947.

i Stiles, Okla. Ext. C. 223 rev.:26-30, 1946?

TERMITES - CONTROL - COOPERATION

Snyder, Pests 15(9):12, 1947.

TERMITES - CONTROL - MILITARY ZONES

i U. S. War Dept. TM 5-632 (PB-2435): 54-63, 1945.

TERMITES - DAMAGE - HISTORY

i Smith, Pest Control & Sanit. 1(2):14-16, 18-19, 1946.

TERMITES - FOSSIL

hi Lance, South. Cal. Acad. Sci. B. 45: 21-27, 1946.

TERMITES - FUMIGANTS

i Gunn et al., Pests 15(9):8,10-11, 1947.

i Life 23(25):31, 1947.

TERMITES - HABITS & BEHAVIOR

Emerson, Sci. Month. 64:337-345, 1947.

Hill, Nat. Hist. 55:279, 1946.

i Kennedy, Sci. Month. 65:309-324, 1947.

TERMITES - INSECTICIDES

Schmitt, N. J. C. 484:10-11, 1946.

TERMITES - INSECTICIDES - DDT

Craighead & Brown, USDA EPQ E-649:4, 1945.

Roark & McIndoo, USDA EPQ E-728: 38, 1947.

Stewart, Cal. Mosq. Control Assoc. P. 14:65, 1946.

Webster, Better Homes & Gard. 24(9): 149, 1946.

TERMITES - LOSSES CAUSED BY

Pests 13(10):34, 1945.

TERMITES - MOUNDS - USE BY BEES

i Ennis, Nature Mag. 39:186, 1946.

TERMITES - PREDATORS

Anderson, Great Basin Nat. 7:29, 1946.

TERMITES - PROTOZOA

Cole, Harvard Univ. Grad. School Arts & Sci. Sum. Theses (1943/45): 50-52, 1947.

bi Dropkin, J. Parasit. 32:247-251, 1946.

i Rogick, Turtox News 24:30, 1946.

bi Steinhaus, Ins. Microbiol.:526-554, 1946.

TERMITES - REAL ESTATE SALE CLAUSE

i Berkeley (Cal.) Real Estate Bd., Pests 15(9):14,16, 1947.

TERMITES - REARING - SAWDUST-AGAR MASS

b Light & Weesner, Science 106:131-132, 1947.

TERMITES - REPELLENTS

Trullinger, USDA OES R. f. 1946/47: 14, 1947.

Wolcott, Science 101:444, 1945.

TERMITES - REPELLENTS--Continued.

Wolcott, J. Ec. Ent. 40:124-129, 1947.

Wolcott, P. R. (Río Piedras) B. 68: 17-27, 1946; 73,18 p., 1947.

b Wolcott, USDA FS Trop. For. Expt. Sta., Caribbean For. 7:121-134, 1946.

TERMITES - REPELLENTS - TREATING COTTON

i St. George & Furry, Amer. Dye-stuff Rptr. 35:207-210, 1946.

Annand, USDA EPQ R. f. 1943/44:8, 1945; f. 1944/45:22, 1946.

TERMITES - REPRODUCTION

McCauley & Flint, Pest Control & Sanit. 1(3):19, 1946.

TERMITES - RESISTANT WOODS

Wolcott, P. R. (Río Piedras) B. 58: 6-16, 1946.

b Wolcott, USDA FS Trop. For. Expt. Sta., Caribbean For. 7:121-134; 329-334, 1946. Spanish text, 335-336.

TERMITES - SHIELDS

i Davis, Ind. Ext. B. 225 rev.:9-11, 1946.

Schmitt, N. J. C. 484:9-10, 1946.

i Snyder, Better Homes & Gard. 25 (10):147, 1947.

TERMITES - SOIL TREATMENT - TESTS

Annand, USDA EPQ R. f. 1945/46:15. Davis, Ind. Ext. B. 225 rev.:7-8,11-12, 1946.

Dews & Morrill, J. Ec. Ent. 39:353-355, 1946.

Gertler, USDA EPQ E-705:13, 1946.

Kowal, Assoc. South. Agr. Workers P. 44:128, 1947. (Abs.)

Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:64, 1946.

Shepard, Pests 14(11):22,24, 1946.

i Pest Control & Sanit. 2(11):21, 1947.

i USDA AIS 30,6 p., 1945.

USDA EPQ For. Ins. Invest., USDA FB 1911 rev.:36-37, 1946.

TERMITES - SUBTERRANEAN

Connaughton, USDA FS South. For. Expt. Sta. R. 26:44-45,60, 1946; 27: 66, 1947.

i USDA EPQ For. Ins. Invest., USDA FB 1911 rev.:37 p., 1946.

TERMITES - SUGARCANE

Scaramuzza, in Cuba Min. Arg. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:538,541, 1946.

TERMITES - WOOD PRESERVATION

Annand, USDA EPQ R. f. 1944/45:22-23; f. 1946/47:15-16.

Bennett, Chem. Specialties:269-270, 1946.

Connaughton, USDA FS South. For. Expt. Sta. R. 25:15, 1945.

DeAtley, Natl. Farm Chemurg. Council, Chemurg. Papers 606:7, 1946.

DeAtley, Pests 15(1):36, 1947.

Hunt & Snyder, Amer. Wood Preserv. Assoc. P. 41:189-204, 1945; 42: 317-332, 1946; 43:381-396, 1947;

Pests 14(8):20,22,24,26,28,30, 1946; 15(7):12-14,16,18,20, 1947.

i Nettles et al., S. C. Ext. C. 262 rev, 12 p., 1947.

TERMITES - WOOD PRESERVATION--
Continued.

- 1 Smith & Olson, Down to Earth 3(2): 10-12, 1947.
Von Schrenk et al., Amer. Ry. Engin. Assoc. P. 46:368-370, 1947.
USDA FS For. Prod. Lab. & USDA BEPQ, Pests 15(1):42, 1947.

TERMITES - WOOD PRESERVATION - PANAMA TEST HOUSE

- 1 Snyder, Wood Preserv. News 25:36-38, 45, 1947.

TERMITES & ANTS - WINGED FORMS - COMPARISON

- Schmitt, N. J. C. 484:4-5, 1946.

TERMITOPHILOUS INSECTS

- Park, Sci. Month. 65:36-38, 1947.
ni Seevers, Pan-Pac. Ent. 21:63-72, 1945.

***TERRAPIN SCALE, see LECANIUM NIGROFASCIATUM Perg.**

TESSARATOMA PAPILLOSA (Drury) - VENOM

- Hoffmann, Ent. Soc. Wash. P. 49:142, 1947. (Abs.)

TESSAROPA TENUIPES (Hald.)

- 1 Knull, Ohio Biol. Surv. B. 39:189, 1946.

TETANOPS MYOPAEFORMIS (Roed.)

- Manson, Can. Ins. Pest Rev. 25:42, 1947.

TETHIDA BARDA (Say), see TETHIDA CORDIGERA (Beauv.)

TETHIDA CORDIGERA (Beauv.)

- Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:57, 1945.
Peterson, Can. Ins. Pest Rev. 25:52, 1947.

- Peterson & Sandercock, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:71, 1947.

TETHINA ALBULA (Loew)

- Wirth, Hawaiian Ent. Soc. P. 13:21, 1947.

TETRACANTHELLA Schött

- bnik Wray, Ent. Soc. Amer. Ann. 38: 33-37, 1945.

TETRACHA CAROLINA (L.), see MEGACEPHALA CAROLINA (L.)

TETRACNEMUS PEREGRINUS Comp.

- DeBach & Fleschner, Cal. Agr. 1(13): 3, 1947.

- DeBach & Fleschner, Cal. Citrog. 33: 22-23, 1947.

- DeBach & Fleschner, Cit. Leaves 27 (11):9, 1947.

- Parker et al., Man. for Cit. Grow. ed. 3:53, 1947.

- Sakimura, Hawaiian Ent. Soc. P. 13:17, 1947.

TETRACNEMUS PRETIOSUS Timb.

- DeBach & Fleschner, Cal. Agr. 1(13): 3, 1947.

- DeBach & Fleschner, Cal. Citrog. 33: 23, 1947.

- Parker et al., Man. for Cit. Grow. ed. 3:52, 1947.

- Smith, Cal. Citrog. 31:414, 1946.

- Steinweden, Cal. Dept. Agr. B. 34:181, 1946.

TETRACNEMUS PRETIOSUS - EGGS & LARVAE

- 1 Maple, Cal. Univ. Pub. Ent. 8:114-115, 1947.

TETRALEURODES MORI (Quaint.) (MULBERRY WHITEFLY)*

- Flock, Ariz. St. Ent. R. f. 1944:20, 1945.

TETRALOPHA BAPTISIELLA Fern.

- Frost, N. Y. Ent. Soc. J. 53:222, 1945.

TETRALOPHA SCORTEALIS (Led.) (LESPEDeza WEBWORM)*

- Annand, USDA EPQ R. f. 1944/45:20.

- Poos, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:5, 1945.

- 1 Poos & Hetrick, J. Ec. Ent. 38:312-315, 1945.

- 1 Stuckey, Ga. R. 57:64-67, 1945.

- Trullinger et al., USDA OES R. f. 1945/46:110, 1947.

TETRAMORIUM CAESPITUM (L.) (PAVEMENT ANT)*

- Back, USDA Leaf. 147 rev. 4-5, 1946.

- Jaynes & Marucci, J. Ec. Ent. 40:16, 18-22, 25, 1947.

- Schmitt, Pests 15(10):52, 1947.

TETRAMORIUM CAESPITUM - HABITS & BEHAVIOR

- Rau, Ent. News 56:119, 1945.

TETRAMORIUM GUINEENSE (F.)

- Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba. 549, 1946.

TETRAMORIUM PACIFICUM Mayr

- Steinweden, Orchid Digest 9:267, 1945.

TETRANYCHIDAE - INSECTICIDES

- b Roark, USDA EPQ E-655:12-36, 1945.

TETRANYCHUS Dufour

- Baerg & Lincoln, Ark. Ext. C. 448:10-12, 1947.

- Heming, in Cal. Fuchsia Soc., A to Z on Fuchsias:14-15, 1946.

- Manson et al., Can. Ins. Pest Rev. 24: 97,101, 1946, 25:102, 1947.

- 1 Shull & Manis, Ida. Ext. B. 150:8, 1945.

- Westbrook, Ga. Ext. B. 523:42, 1945.

- 1 Westcott, Home Gard. (N. Y.) 5(5): 70,72-73, 1945.

TETRANYCHUS - DUSTS

- Loftin, USDA EPQ E-657:1,3, 1945.

- Mayer & Gahan, USDA EPQ E-646.4, 12, 1945.

TETRANYCHUS - FUMIGANTS

- Trullinger et al., USDA OES R. f. 1945/46:110, 1947.

TETRANYCHUS - HOUSE PLANTS

- Godfrey, Can. Dept. Agr. Pub. 798 (FB 145):12, 1947.

- 1 Holley, N. H. B. 359:13-14, 35, 1945.

TETRANYCHUS - INSECTICIDES

- Annand, USDA EPQ R. f. 1945/46:7,11.

- b Mayer et al., USDA EPQ E-725:3-10, 1947.

- Webster, Wash. Ext. B. 246 rev. 23, 1946.

- White & Whitcomb, Amer. Soc. Hort. Sci. P. 47:503-506, 1946.

- TETRANYCHUS - MORPHOLOGY, INTERNAL**
 bi Blauvelt, N. Y. (C.) Mem. 270,35 p, 1945.
- TETRANYCHUS - SPRAYS**
 Cleveland, West. Colo. Hort. Soc. Trans. f. 1944:37, 1945.
 Cumming, Hardy Chrysanthemums rev.:125-126, 1945.
 Jardine et al., USDA OES R. f. 1944/45:58-59, 1946.
 Sherwood, W. Va. Ext. C. 320 rev.:9-10, 1946.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:12,19,21, 1945.
- TETRANYCHUS sp.**
 Manson et al., Can. Ins. Pest Rev. 24: 98, 1946.
 Plank & Winters, P. R. (Mayaguez) R. f. 1945:29, 1946.
 Stearns, Del. B. 263:28, 1947.
- TETRANYCHUS sp - INSECTICIDES**
 Bottger & Bowen, USDA EPQ E-710, 5 p., 1946.
- TETRANYCHUS sp. - INSECTICIDES - DDT**
 Fleming, USDA EPQ E-724:13, 1947.
 Parencia et al., J. Ec. Ent. 39:334-335, 1946.
- TETRANYCHUS spp. (T. TELARIUS of auth.)**
 Beilmann, Mo. Bot. Gard. B. 33:222, 1945.
 i Boyd, N. J. Dept. Agr. C. 355:80-82, 1945.
 Butterfield, Cal. Ext. C. 80 rev.:46, 1947.
 Cummings, Amer. Nurserym. 83(8). 9-10, 1946.
 Davis, Ind. Acad. Sci. P. 56:151, 1947?
 Dean, J. Ec. Ent. 38:724, 1945.
 Dewey, N. Y. St. Hort. Soc. P. 92:57, 61, 1947.
 Flock, Ariz. St. Ent. R. f. 1944:14, 1945.
 Glendenning, Can. Ins. Pest Rev. 24: 117, 1946; 25:10, 1947.
 Glendenning et al., Can. Ins. Pest Rev. 25:10, 1947.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:21.
 Parker, Ariz. St. Ent. R. f. 1946/47: 26.
 Peterson, Can. Ins. Pest Rev. 24:105, 1946.
 b Roark, USDA EPQ E-655:33-36, 1945.
 Ross, Can. Ins. Pest Rev. 24:48, 1946.
 Slate et al., N. Y. (G.) C. 153 rev.:51-52, 1945.
 Smith et al., Kans. Ent. Soc. J. 19:49, 1946; 20:55,57, 1947.
 Thompson, Ont. Dept. Agr. B. 355 rev.:31, 1947.
 Whitcomb, Mass. Ext. Fruit Notes, May 29, 1947:5.
- TETRANYCHUS spp. (T. TELARIUS of auth.) - DUSTS**
 Haring, J. Ec. Ent. 39:78-80, 1946.
 Lincoln, Ark. Ext. C. 438:11, 1945.
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:22, 1946.
- TETRANYCHUS spp. (T. TELARIUS of auth.) - FUMIGANTS**
 Blauvelt, Flor. Exch. 105(22):20, 1945.
 Blauvelt, Can. Flor. 41:7-8, 1946.
 Blauvelt, N. Y. (C.) R. 58:122-123, 1946.
 Blauvelt, N. Y. (G.) Farm Res. 12(2): 12-13, 1946.
 i Blauvelt, N. Y. St. Flower Grow. B. 19:2-5, 1947.
 Blauvelt & Hoffman, N. Y. St. Flower Grow. B. 19:12-13, 1947.
 Sharp, J. Ec. Ent. 39:669-670, 1946.
- TETRANYCHUS spp. (T. TELARIUS of auth.) - INSECTICIDES**
 Cooper, Can. Flor. 40:393, 1945; 41: 208-209, 1946.
 Farrar, Flor. Rev. 97:34, 1946.
 Lyle, Miss. Farm Res. 8(6):1, 1945.
 Weinman & Decker, J. Ec. Ent. 40. 74-78, 1947.
- TETRANYCHUS spp. (T. TELARIUS of auth.) - SPRAYS**
 Dustan et al., Sci. Agr. 26:121, 1946.
 Edwards Chem. Corp., H-4 Emulsion Concentrate.3-4, 1947.
 Hensill, Agr. Chem. 2(11):22-23, 1947.
 Laurie, Flor. Rev. 95(2460):18, 1945.
 Laurie & Kiplinger, Gard. & Greenhouse Chrysanthemums:61-62, 1946.
 Mills & Dewey, N. Y. (C.) Ext. B. 306 rev.:11, 1946.
 Pass, Can. Flor. 41:150, 1946.
 Rice, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[23,25], 1945.
 Whitcomb et al., Mass. B. 428:39, 1945.
- TETRANYCHUS spp. (T. TELARIUS of auth.) - SPRAYS - DDT**
 Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:71,75, 1945.
 Whitehead, Okla. Acad. Sci. P. 26:26, 1946.
- TETRANYCHUS spp. (T. TELARIUS of auth.) & MOSAIC OF TOBACCO**
 Jensen, Hawaiian Ent. Soc. P. 12:588, 1946.
- TETRANYCHUS ATLANTICUS McG. (STRAWBERRY SPIDER MITE)***
 Kelfer, Cal. Dept. Agr. B. 33:251, 1945.
 Smith, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:7, 1945.
 Smith, Cal. C. 365:31, 1946.
- TETRANYCHUS BIMACULATUS Harvey (TWO-SPOTTED SPIDER MITE)***
 Buchanan, Wash. B. 482:41, 1946.
 Chandler, Ill. St. Hort. Soc. Trans. 80:134-135, 1947.
 Dewey, N. Y. St. Hort. Soc. P. 92:52-53, 1947.
 Eddy, R. I. Dept. Agr. & Conserv. R. 10:55, 1945.
 Hamilton, Natl. Chrysanthemum Soc. B. 3(2):7, 1947.
 i King, Tex. Ext. B. 154:4, 1947.
 i Lamiman & Smith, Cal. Ext. C. 103 rev.:66-68, 1947.
 Pickett et al., Sci. Agr. 26:597, 1946.
 Rings, Ohio St. Univ. Abs. Doctoral Diss. 52:255-262, 1947.

TETRANYCHUS BIMACULATUS--Continued.

- Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:10.
Slate et al., N. Y. (C.) Ext. B. 719.53-55, 1947.
Steinweden, Orchid Digest 9:267, 1945.
i USDA EPQ Picture Sheet 20,2 p., 1946.

TETRANYCHUS BIMACULATUS - AEROLSOLS

- Smith et al., Chrysanthemum Soc. Amer. B. 15(2).5-6,9-11, 1947.

TETRANYCHUS BIMACULATUS - DUSTS

- Elmore, Cal. Lima Bean News 5(1) 4, 1947.
i Ewing et al., J. Ec. Ent. 40:381,1947.
Hamilton, J. Ec. Ent. 40:733-734, 1946.
Holland, Cal. Lima Bean News 5(1) 7, 1947.

TETRANYCHUS BIMACULATUS - DUSTS - DDT

- White, USDA EPQ E-692 4, 1946.

TETRANYCHUS BIMACULATUS - INSECTICIDES

- Annard, USDA EPQ R. f. 1946/47:5,8.
Neiswander, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:74, 1947.
Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 32.141-146, 1947.
Parker & Eshbaugh, J. Ec. Ent. 40 861-864, 1947.
b Roark, USDA EPQ E-655 16-32, 1945 E-721:10, 1947.
Smith, Cal. Ext. C. 98 rev. 47-48, 1946
Weiss & St. George, USDA FB 1855 rev..17, 1947.
Zimmerman & Hartzell, Boyce Thompson Inst. Contrib. 15 16-19, 1947.

TETRANYCHUS BIMACULATUS - POTATOES

- b Landis & Davis, J. Ec. Ent. 40.565, 1947.

TETRANYCHUS BIMACULATUS - ROSES

- Pirone, N. Y. Bot. Gard. J. 48.178, 1947.

TETRANYCHUS BIMACULATUS - SPRAYS

- Annard, USDA EPQ R. f. 1946/47.14.
Borden, Oreg. St. Hort. Soc. R. 37:21-24, 1945.
Borden, Cal. C. 365:72, 1946.
Chapman, Pa. St. Hort. Assoc. P. 88: 73, 1947.
Cleveland, Ill. St. Hort. Soc. Trans. 80:195-201, 1947.
Dean, N. Y. St. Hort. Soc. P. 92.182, 1947.
Fayette et al., J. Ec. Ent. 39:812, 1946
Garman & Townsend, Conn. B. 512.76-78, 1946.
Hensill, Agr. Chem. 2(11):22-23, 1947.
Newton, Rocky Mountain Conf. Ent. R. 18:8, 1947.
Richardson, Iowa St. Hort. Soc. Trans. 82:138-139, 139-140, 1947.
Siegler, Cumberland-Shenandoah Fruit Workers' Conf. P. 23:23-24, 1946.
Siegler, J. Ec. Ent. 40:280,441-442, 1947.

TETRANYCHUS BIMACULATUS - SPRAYS--Continued.

- Siegler & Hall, J. Ec. Ent. 40:722-723, 1947.
Steiner et al., Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:47-49, 1947.
Stoddart et al., Phytopathology 35: 657, 1945. (Abs.)
Whitehead & Bewick, Okla. Acad. Sci. P. 27 42-45, 1947.

TETRANYCHUS BIMACULATUS - SPRAYS - DDT

- i Childs, Amer. Fruit Grow. 67(8) 21, 44-45, 1947.
b Romney, J. Ec. Ent. 40:480-483, 1947.
Romney et al., USDA EPQ E-672.5-10,12-13, 1945.
Steiner et al., Ind. Hort. Soc. Trans. 84 31,37-38, 1945, 85:38-42, 1946, 86:89-92,96-97, 1947.

TETRANYCHUS EXSICCATOR Zehnt. & MOSAIC OF SUGAR CANE

- Jensen, Hawaiian Ent. Soc. P. 12 563, 1946.

TETRANYCHUS FLAVUS Ewing (WIL-LAMETTE MITE)

- Buchanan, Wash. B. 482 41, 1946.
Childs, Wash. St. Hort. Assoc. P. 42 50-51, 1946.
Glover, Wines & Vines 27(3).20, 1946.
Jones et al., J. Ec. Ent. 39 773-774, 1946.

TETRANYCHUS FLAVUS - GRAPES

- b Frazier & Smith, Hilgardia 17.191-196, 1946.

TETRANYCHUS PACIFICUS McG. (PACIFIC MITE)*

- Condit, Fig 178, 1947.
Jacob et al., Cal. Ext. C. 116 rev..69-70, 1947.
i Lamiman & Smith, Cal. Ext. C. 103 rev..66-68, 1947.
Marshall, Can. Ins. Pest Rev. 25.82, 1947.

- Robertson, B. C. Dept. Agr. R. 41. W73-W74, 1947.

- Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45:9, f. 1945/46: 17. f. 1946/47.15.

- Smith, Cal. Ext. C. 46 rev..44, 1947.
Venables, Can. Ins. Pest Rev. 24.119, 1946.

TETRANYCHUS PACIFICUS - INSECTICIDES

- Smith, Cal. Ext. C. 98 rev.:47-48, 1946.

TETRANYCHUS PACIFICUS - POPULATIONS

- bi Newell, J. Ec. Ent. 40:683-689, 1947.

TETRANYCHUS PACIFICUS - REPELLENTS

- Annard, USDA EPQ R. 1. 1944/45.18-19.

TETRANYCHUS PACIFICUS - SPRAYS

- Annard, USDA EPQ R. f. 1944/45:20.
Borden, Oreg. St. Hort. Soc. R. 37:21-23, 1945.

- Brannon et al., Wash. St. Hort. Assoc. P. 43:8-11, 1947.

TETRANYCHUS PACIFICUS - SPRAYS--
Continued.

- DeOng, Grape Grow. 1(1):11, 1947.
Gardiner, Can. Min. Agr. R. f. 1945/48:17,69; f. 1946/47:86.
Marshall, Sci. Agr. 25:549, 1946.
Marshall, Wash. St. Hort. Assoc. P. 42:66,68-70, 1946.
Newcomer, Wash. St. Hort. Assoc. P. 43:22-23, 1947.
Newcomer & Dean, J. Ec. Ent. 39:783-786, 1946.
O'Neill, Oreg. St. Hort. Soc. R. 39:63-64, 1947.
O'Neill & Lipovsky, Wash. St. Hort. Assoc. P. 42:64-65, 1946.
Webster & O'Neill, Wash. B. 470:38, 1945.
Wash. Ext. B. 279 rev.:13-14, 1947.

TETRANYCHUS PACIFICUS - SPRAYS - DDT

- Annand, USDA EPQ R. f. 1946/47:27.
Buchanan, Wash. B. 482:40-41, 1946.
Childs, Wash. St. Hort. Assoc. P. 42:50-51, 1946.
Newcomer, Wash. St. Hort. Assoc. P. 42:55,57, 1946.

TETRANYCHUS SCHOENEI McG. (APPLE MITE)

- Cagle, Va. TB 98:6,15, 1946.
Cagle et al., Va. R. f. 1945/46:36.
TETRANYCHUS SCHOENEI - SPRAYS
Hough, Mountaineer Grow. 17(163):7, 1947.
Hough, Va. Fruit 35(1):82, 1947.

TETRANYCHUS SCHOENEI - SPRAYS - DDT

- Hough, Cumberland-Shenandoah Fruit Growers' Conf. P. 22:[28], 1945.
Hough, Mountaineer Grow. 15(156):20, 1945; 16(160):11, 1946.
Hough, Va. Fruit 33(1):187, 1945; 34:130-131, 1946.
Hough, J. Ec. Ent. 39:266-267, 1946.
Hough, Md. Agr. Soc. R. 30:105-106, 1946.

TETRANYCHUS SCHOENEI - SPRAYS - DDT
Hough et al., J. Ec. Ent. 38:424, 1945.
TETRANYCHUS SEXMACULATUS Riley (SIX-SPOTTED MITE)* (YELLOW MITE)

- Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:12, 1946.
Garman, Conn. Pom. Soc. R. 56:26-27, 29, 1947.
Lauderdale, Ariz. St. Ent. R. f. 1945/46:18.
Parker et al., Man. for Cit. Grow. ed. 3:47, 1947.

TETRANYCHUS SEXMACULATUS - AVO-CADO

- Oldham & Thorne, J. Ec. Ent. 40:279, 1947.

TETRANYCHUS SEXMACULATUS - IN-SECTICIDES

- Jeppson, Cal. Agr. 1(8):3, 1947.
Jeppson, Cal. Citrog. 32:331, 1947.
Jeppson, Cit. Leaves 27(5):15, 1947.
Thompson, Cit. Indus. 27(9):16-17,20-21, 1946.
b Thompson, Fla. St. Hort. Soc. P. 59:61-65, 1946.

TETRANYCHUS SEXMACULATUS - IN-SECTICIDES--Continued.

- Thompson, Fla. R. f. 1946/47:155.
Watson, Fla. Grow. 53(8):14, 1945.

TETRANYCHUS WILLIAMETTEI McG., see TETRANYCHUS FLAVUS

- Ewing
TETRAOPES FEMORATUS Lec., T. MELANURUS Schonh., T. QUIN-QUEMACULATUS Hald.
Knull, Ohio Biol. Surv. B. 39:283-284, 1946.

TETRAOPES TETROPHthalmus (Forst.)* (RED MILKWEED BEE-TLE)*

- Knull, Ohio Biol. Surv. B. 39:284, 1946.

TETRASTICHUS sp.

- Baker & Doucette, Wash. B. 470:149, 1945.

- Beacher, Ent. Soc. Amer. Ann. 40:533,538,543, 1947.

- Reeks et al., Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1946:9, 1947.

TETRASTICHUS ARGYRUS Burks
Hoffmann, J. Ec. Ent. 38:357, 1945.

TETRASTICHUS CHRYSOPAE Cwfd.
bi Clancy, Cal. Univ. Pub. Ent. 7:448-454, 1946.

- Pletsch, Mont. B. 446:81, 1947.

TETRASTICHUS HAITIENSIS Gahan
i Martorell, P. R. Univ. J. Agr. 29:460, 1945.

- Osorio, Control de Plagas 8 [i.e. 7] 62, 1945.

TETRASTICHUS MINUTUS How.

- Calkins, Kans. Ent. Soc. J. 19:68, 1946.

TETRASTICHUS TRIOZAE Burks
i Pletsch, Mont. B. 446:74-78,85, 1947.

TETRASTICHUS TURIONUM (Htg.)
Graham, in Ont. Dept. Agr. Div. Ent. Parasite Invest. Unit, Control For. Ins. Prov. Ont. by Introd. Ins. Parasites:69,72,74, 1947.

TETRIGIDAE

- Nabours, Kans. Bien. R. 13:57-58, 1946.

- b Nabours, Kans. Ent. Soc. J. 20:127-141, 1947.

TETRIGINAE, see TETRIGIDAE

TETRIX Latr.

- Hammond, Can. Ins. Pest Rev. 25:8, 1947.

TETROPIUM Kby. - FIRE-KILLED SPRUCE

- bi Richmond & Lejeune, For. Chron. 21:168-192, 1945.

TETROPIUM CINNAMOPTERUM Kby., T. VELUTINUM Lec.

- Knull, Ohio Biol. Surv. B. 39:149, 1946.

TETROPS MONOSTIGMA (Hald.)

- i Knull, Ohio Biol. Surv. B. 39:282, 1946.

TETYRA LATERALIS F., see CORIME-LAENA LATERALIS (F.)

TEUTANA GROSSA (Koch)

- Woodson, Frontiers 12:7, 1947.

- TEXANANUS Ball & CALIFORNIA ASTER
YELLOW
i Severin, Hilgardia 17:27-50, 1945.
- TEXANANUS & CURLY TOP
Severin, Hilgardia 17:35,45-46, 1945.
- TEXANANUS & PIERCE'S DISEASE OF
GRAPEVINES
Severin, Hilgardia 17:35,45-46, 1945.
- TEXANANUS DENTICULUS (Osb. &
Lathrop) - LONGEVITY
i Severin, Hilgardia 17:123,137, 1946.
- TEXANANUS LATHROPI (Baker)
i DeLong & Severin, Hilgardia 17:5-6,
1945.
Severin, Hilgardia 17:35-40, 1945.
- TEXANANUS LATHROPI - FEEDING -
EFFECT ON PLANTS
i Severin, Hilgardia 17:219,223, 1947.
- TEXANANUS LATHROPI - LONGEVITY
i Severin, Hilgardia 17:124-127,129,
132,137, 1946.
- TEXANANUS LATHROPI & CALIFORNIA
ASTER YELLOW
i Severin, Hilgardia 17:219, 1947.
- TEXANANUS LATIPEX DeLong
i DeLong & Severin, Hilgardia 17:9-10,
1945.
Severin, Hilgardia 17:35-40, 1945.
- TEXANANUS LATIPEX - FEEDING -
EFFECT ON PLANTS
i Severin, Hilgardia 17:219,223, 1947.
- TEXANANUS LATIPEX & CALIFORNIA
ASTER YELLOW
i Severin, Hilgardia 17:219, 1947.
- TEXANANUS OREGONUS (Ball)
i DeLong & Severin, Hilgardia 17:8-9,
1945.
- TEXANANUS PERGRADUS DeLong
i DeLong & Severin, Hilgardia 17:6-7,
1945.
- TEXANANUS PERGRADUS - FEEDING -
EFFECT ON PLANTS
i Severin, Hilgardia 17:219,223, 1947.
- TEXANANUS PERGRADUS - LONGEVITY
Severin, Hilgardia 17:123, 1946.
- TEXANANUS PERGRADUS & CALIFOR-
NIA ASTER YELLOW
i Severin, Hilgardia 17:219, 1947.
- TEXANANUS SPATULATUS (Van D.)
i DeLong & Severin, Hilgardia 17:7-8,
1945.
- TEXANANUS SPATULATUS - FEEDING -
EFFECT ON PLANTS
i Severin, Hilgardia 17:219-220,223-
224, 1947.
- TEXANANUS SPATULATUS - LONGEVI-
TY
Severin, Hilgardia 17:123,127-129,
132, 1946.
- TEXANANUS SPATULATUS & CALIFOR-
NIA ASTER YELLOW
i Severin, Hilgardia 17:219-220, 1947.
- *TEXAS HARVESTER ANT, see POGON-
OMYRMEX BARBATUS MOLE-
FACIENS (Buckl.)
- *TEXAS LEAF-CUTTING ANT, see
ATTA TEXANA Buckl.
- THALASSOMYIA Schin.
bnik Wirth, Hawaiian Ent. Soc. P. 13:
117-139, 1947.
- THALESSA LUNATOR (F.), see MEGAR-
HYSSA MACRURUS (L.)
- THAMNOSPHECIA PYRI (Harr.) (PEAR
BORER)*
Steiner, Cumberland-Shenandoah
Fruit Growers' Conf. P. 22:[26],
1945.
Steiner, Va. Fruit 34:146, 1946.
- THAMNOSPHECIA SCITULA (Harr.)
(DOGWOOD BORER)*
French, Gard. Gossip 22(2).13, 1947.
Slate, Conn. B. 484-64, 1945.
bi Wallace, Conn. B. 488:373-395,
1945.
- THAMNOTETTIX NIGRIFRONS Forbes,
see GRAMINELLA NIGRIFRONS
(Forbes)
- THANAOS BRIZO (Bdvl.)
Frost, N. Y. Ent. Soc. J. 53:222, 1945.
- THANAOS JUVENALIS F.
Frost, N. Y. Ent. Soc. J. 53:222, 1945.
- THANASIMUS DUBIUS (F.)
Fronk, Va. TB 108.9-10, 1947.
- THANASIMUS LECONTEI (Wolc.)
Keen, Pan-Pac. Ent. 22:3, 1946.
West, Can. J. Res. Sect. D 25:111,
1947.
- THANATOPHILUS AMERICANA (L.) -
OLFACTORY SENSE - ANTENNAE
bi Dethier, N. Y. Ent. Soc. J. 55:285-
293, 1947.
- THANATOPHILUS NOVEBORACENSIS
(Först.) - SENSES - SMELL
bi Dethier, N. Y. Ent. Soc. J. 55:285-
293, 1947.
- THANATOPHILUS RAMOSA (Say)
Knowlton, Utah Mimeo. Ser. 332.2,
1947.
- THANATOPHILUS TRITUBERCULATA
(Kby.)
Hatch, B. C. Ent. Soc. P. 42:14, 1945.
- THASUS ACUTANGULUS Stål
Torre-Bueno, Bklyn. Ent. Soc. B. 40
83, 1945.
- THASUS GIGAS (Burm.)
Flock, Ariz. St. Ent. R. f. 1944:20,
1945.
- THAUMAPHRASTUS KARANISENSIS
Blaisd.
Cotton, Pest Control & Sanit. 2(12):
9-10, 1947.
- THAUMATOMYIA Zenk. - HABITS &
BEHAVIOR
Steyskal, Bklyn. Ent. Soc. B. 40:48,
1945.
- THAUMATOMYIA GLABRA (Meig.)
Lange, Spreckels Sugar Beet Bul. 11:
8, 1947.
Lange et al., in Cal. Agr. Expt. Sta.,
Invest. with DDT in Cal. 1944:19-
22, 1945.
- THEATRE INSECTS
i Shepard, Pests 14(11):10,12,14,16,
18,20,22,24, 1946.
- THECABIUS POPULI-CONDUPLIFOLI-
US (Cowan)
Knowlton, Bklyn. Ent. Soc. B. 42:71,
1947.
- THECLA CESTRI Reak. - TEXAS
Stallings & Turner, Ent. News 58:39,
1947.
- THECLA YOJOA Reak. - TEXAS
Stallings & Turner, Ent. News 58:39,
1947.

- THELAIRA AMERICANA Brooks
n Brooks, Can. Ent. 77:88-89, 1945.
- THEMIRA Rob.-Desv. - NEARCTIC
k Steyskal, Ent. News 57:93-95, 1946.
- THEOBALDIA Nev.-Lem., see CULISETA
Felt
- THERESIA CLARIPALPIS (Wulp), see
PARATHERESIA CLARIPALPIS
(Wulp)
- THERESIA DIATRAEAE Brethes, see
PARATHERESIA DIATRAEAE
(Brethes)
- THEREVA NOBILITATA F. & MYIASIS
James, USDA Misc. Pub. 631:148,
1947.
- THEREVIDAE & MYIASIS
James, USDA Misc. Pub. 631:148,
1947.
- THERIDIIDAE - ALABAMA
nik Archer, Ala. Geol. Surv. Mus. Nat.
Hist. Mus. Paper 22:67 p., 1946.
- THERIDION TEPIDARIORUM Koch
Woodson, Frontiers 12:7, 1947.
- THERION Curt. - UNITED STATES
(NORTHEASTERN)
nk Dreisbach, N. Y. Ent. Soc. J. 55.
201-203, 1947.
- THERMESIA GEMMATILIS (Hbn.), see
ANTICARSA GEMMATILIS (Hbn.)
- THERMOBIA DOMESTICA (Pack.) (FIRE-
BRAT)*
Annason et al., Can. Ins. Pest Rev. 24:
90, 1946.
i Back, USDA Leaf. 149 rev., 3 p., 1946.
Downes, Can. Ins. Pest Rev. 24:128,
1946.
Haas, Can. Baker 60(11-12):54,56,
1947.
Holmes, Bakers' Helper 86(1072):55,
1946.
i Mallis, Pest Control & Sanit. 2(1):8-
9, 1947.
i Shepard, Pests 14(11):18,20, 1946.
- THERMOBIA DOMESTICA - FOOD
PREFERENCES
Berger, J. Ec. Ent. 38:577-582, 1945.
- THERMOBIA DOMESTICA - INSECTI-
CIDES
McIndoo, USDA EPQ E-713:124-125,
1947.
Osorio, Control de Plagas 8:133, 1946.
b Sweetman, Soap & Sanit. Chem. 21
(12):141,143,145,147,149,171, 1945.
Webster, Better Homes & Gard. 24(9):
149, 1946.
- THERMOBIA DOMESTICA - REPEL-
LENTS
bi Sweetman et al., Soap & Sanit.
Chem. 21(3):104-107,127,129,131,
1945.
- *THIEF ANT, see SOLENOPSIS MOLES-
TA (Say)
- THIODIA sp.
Hoffmann, J. Ec. Ent. 38:356, 1945.
- THOLERIA REVERSALIS (Guen.) (GE-
NISTA CATERPILLAR)*
Frost, N. Y. Ent. Soc. J. 53:222, 1945.
- THORACAPHIS FICI (Tak.)
Zimmerman, Hawaiian Ent. Soc. P. 13:
2, 1947.
- *THREE-BANDED LEAFHOPPER, see
ERYTHRONEURA TRICINCTA Fitch
- *THREE-CORNERED ALFALFA HOP-
PER, see STICTOCEPHALA FES-
TINA (Say)
- THREE-LINED FIG-TREE BORER, see
NEOPTYCHODES TRILINEATUS
(L.)
- THREE-LINED LEAF ROLLER, see
PANDEMIS LIMITATA (Rob.)
- *THREE-LINED POTATO BEETLE, see
LEMA TRILINEATA (Oliv.)
- *THREE-STRIPED BLISTER BEETLE,
see EPICAUTA LEMNISCATA (F.)
- THRIPS
Hamilton, Natl. Chrysanthemum Soc.
B. 3(2):6, 1947.
Harned, USDA EPQ Ins. Pest Surv.
Sum. of Ins. Conditions in 1945:16,
1946.
Laurie & Kiplinger, Gard. & Green-
house Chrysanthemums:62, 1946.
Manson & Arnason, Can. Ins. Pest
Rev. 25:104, 1947.
Manson et al., Can. Ins. Pest Rev. 24:
94,98, 1946; 25:19, 1947.
Neiswander, Down to Earth 2(3):14-
15, 1946.
Phillips, Gard. Gossip 22(6):14, 1947.
b Sakimura & Krauss, Hawaiian Ent.
Soc. P. 12:319-331, 1945.
- THRIPS - INSECTICIDES
Annand, USDA EPQ R. f. 1945/46:5,
11.
b Fletcher et al., J. Ec. Ent. 40:594-
596, 1947.
i Gardner & Michelbacher, Cal. C.
365:35-38, 1946.
Hervey, N. Y. (G.) R. 65:19, 1947.
i Holley, N. H. B. 359:11,40,42, 1945.
Michelbacher & Swanson, Cal. C.
365:71, 1946.
Ryan, Flor. Rev. 99(2570):36, 1947.
Sherwood & Bishop, W. Va. Ext. C.
325 rev.:15,25,43, 1945.
Smith et al., Agr. Chem. 2(12):61,
1947.
- THRIPS - INSECTICIDES - EFFECT ON
COTTON YIELD
Gaines et al., J. Ec. Ent. 40:113-115,
1947.
- THRIPS - GALLS
b Sakimura, Hawaiian Ent. Soc. P. 13:
59-62, 1947.
- THRIPS - GOLDENROD
Hoffmann, J. Ec. Ent. 38:356, 1945.
- THRIPS - HOUSE PLANTS
Godfrey, Can. Dept. Agr. Pub. 798
(FB 145):12, 1947.
Tiemann, Hort. 23:94, 1945.
- THRIPS - PEONIES
Mason, Amer. Peony Soc. B. 107:13-
14, 1947.
- THRIPS - RESISTANT CINCHONA
Plank & Winters, P. R. (Mayaguez) R.
f. 1945:30, 1946.
- THRIPS - ROSES
Lyle, Miss. Farm Res. 8(6):8, 1945.
Wildon, Mich. Sp. B. 222 rev.:20, 1946.
- THRIPS & PLANT DISEASE
b Sakimura, Hawaiian Ent. Soc. P. 13:
63-95, 1947.

- THRIPS & PLANT DISEASE - MOSAIC OF GLADIOLUS**
 1 Briery & Smith, *Gladiolus Mag.* 11 (1):16-18, 1947.
- THRIPS & PLANT DISEASE - WILT OF TOMATO, SPOTTED**
 1 Gardner & Michelbacher, *Cal. C.* 365:35-38, 1946.
 Gardner et al., in *Cal. Agr. Expt. Sta., Invest. with DDT in Cal.* 1944:24-27, 1945.
- THRIPS MINUTUS PUTTEMANSI Costa Lima & MOSAIC OF SUGARCANE**
 Jensen, *Hawaiian Ent. Soc. P.* 12:564, 1946.
- THRIPS NIGROPILOSUS Uzel (CHRYSANTHEMUM THRIPS)***
 Cumming, *Hardy Chrysanthemums* rev. 124, 1945.
 Dustan et al., *Sci. Agr.* 26 120, 1946.
 Scott & Scott, *Chrysanthemums for Pleasure*:18, 1947.
 b Smith & Goodhue, *J. Ec. Ent.* 38:176, 178, 1945.
 Smith et al., *Agr. Chem.* 2(12) 61, 1947.
 White, *USDA EPQ E-692:12*, 1946.
- THRIPS NIGROPILOSUS & YELLOW SPOT OF PINEAPPLE**
 Jensen, *Hawaiian Ent. Soc. P.* 12:595, 1946.
- THRIPS TABACI Lind. (ONION THRIPS)***
 Bissell & Dupree, *Ga. B.* 254 16, 1947.
 Burgess, *Ariz. R.* 56:48, 1946.
 Condit, *Fig*:186, 1947.
 Davis, *Ind. Acad. Sci. P.* 56:150, 1947?
 Elmore & Shirck, *USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in* 1945:10-11, 1946.
 Flock, *Ariz. St. Ent. R. f.* 1944:16, 1945.
 Hamilton, *Natl. Chrysanthemum Soc. B.* 3(2) 6, 1947.
 Lauderdale, *Ariz. St. Ent. R. f.* 1945/46:17-18.
 Leaver, *R. I. Dept. Agr. & Conserv. R.* 11 34, 1946.
 Martínez Andreu, *Cuba Min. Agr. Rev.* 29(3):63, 1946.
 1 Osorio, *Control de Plagas* 7 104-107, 1945.
 Parker, *Ariz. St. Ent. R. f.* 1946/47: 26.
 Ryan, *Los Angeles Co. Cal. Agr. Comnr. R. f.* 1945/46:19.
 1 Shull & Manis, *Ida. Ext. B.* 150:10, 1945.
 Vorhies & Wehrle, *Ariz. B.* 203:35, 1946.
- THRIPS TABACI - AEROSOLS**
 Anderson, *USDA R. Sec. f.* 1946:144.
- THRIPS TABACI - AEROSOLS - DDT**
 Annand, *USDA EPQ R. f.* 1945/46:18.
 b Goodhue et al., *J. Ec. Ent.* 38:181, 1945.
 b Smith & Goodhue, *J. Ec. Ent.* 38:173-179, 1945.
 Smith et al., *J. Ec. Ent.* 38:189-191, 1945.
 Smith et al., *Agr. Chem.* 2(12):61, 1947.
 White, *USDA EPQ E-692:12*, 1946.
- THRIPS TABACI - CANADA**
 Gauthier, *Can. Ins. Pest Rev.* 24:32, 1946.
- THRIPS TABACI - CANADA--Continued.**
 Sheppard, *Can. Ins. Pest Rev.* 24:50, 1946.
 Sturrett & Gauthier, *Can. Ins. Pest Rev.* 25 35, 1947.
 Thompson, *Can. Ins. Pest Rev.* 24 38, 1946.
 Ward, *B. C. Dept. Agr. R.* 40 V77, 1946. 41:W106, 1947.
 Wressell, *Can. Ins. Pest Rev.* 24:56, 1946.
- THRIPS TABACI - DUSTS**
 Price, *Ky. Ext. C.* 435.6, 1947.
 Smith & Lange, *Cal. C.* 365 54, 1946.
- THRIPS TABACI - DUSTS - DDT**
 Chapman et al., *J. Ec. Ent.* 38 608-609, 1945.
 Loftin, *USDA EPQ E-657:6*, 1945.
 1 McDowell, *Tex. R.* 58:27, 1946.
 Michelbacher & Swanson, *Cal. C.* 365 71, 1946.
 Smith, in *Cal. Agr. Expt. Sta., Invest. with DDT in Cal.* 1944:7-8, 1945.
 Smith, *Cal. C.* 365 30, 1946.
- THRIPS TABACI - DUSTS - DDT & PYROPHYLITE**
 Burr, *Neb. R.* 59:64, 1946.
- THRIPS TABACI - INSECTICIDES**
 Annand, *USDA EPQ R. f.* 1946/47:4,6.
 Apple, *Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P.* 25:74-75, 1946.
 Bourne, *Mass. B.* 428 37-48, 1945, 436 39, 1946. 441 36-37, 1947.
 Chupp & Leiby, *N. Y. (C.) Ext. B.* 206 rev.:22,55-56, 1947.
 Douglass, *Rocky Mountain Conf. Ent. R.* 18 11, 1947.
 Douglass et al., *Ida. B.* 269 31-32, 1947.
 Gould, *Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P.* 2:56-57, 1947.
 Gould, *Ind. R.* 60:69, 1947.
 Hoerner & Edmundson, *J. Ec. Ent.* 40 603-605, 1947.
 Jeppson & Borden, in *Cal. Agr. Expt. Sta., Invest. with DDT in Cal.* 1944. 11-14, 1945.
 Lange, *Cal. C.* 365:39-45,48-51, 1946.
 Lange & Thwaitts, in *Cal. Agr. Expt. Sta., Invest. with DDT in Cal.* 1944. 14-17, 1945.
 Schweis, *Nev. St. Dept. Agr. Bien. R. f.* 1944/46 24.
 Shirck et al., *Ida. B.* 264:35, 1945.
 Smith & Dutsch, *La. R. f.* 1944/45:63, 1946.
 Watkins, *N. Y. (C.) R.* 58:116, 1946.
- THRIPS TABACI - INSECTICIDES - DDT**
 Annand, *USDA EPQ R. f.* 1944/45:13.
 Apple, *Ill. Veg. Grow. B.* 6(1):4-5, (2):3-4, 1946.
 Hockett, *J. Ec. Ent.* 39:184-185,188, 1946.
 Lange, Jr., *West. Grow. & Ship.* 17(3): 18,32, 1946.
 Neiswander, *Veg. Grow. Assoc. Amer. R.* 37:276, 1945.
 Neiswander, *Ohio Veg. & Potato Grow. Assoc. P.* 31:276-277, 1946.
 Romney & Hills, *West. Grow. & Ship.* 16(10):27, 1945.
 Shull et al., *Ida. B.* 268:38-40, 1946.

- THRIPS TABACI - INSECTICIDES - DDT**
 --Continued.
 Sleesman, Ohio B. 665:31, 1946.
 Sleesman, Ohio Bimo. B. 31:39-40, 1946.
 Trullinger et al., USDA OES R. f. 1945/46:105, 1947.
 White, USDA EPQ E-642:5, 1945; E-692:7-8, 1946.
- THRIPS TABACI - INSECTICIDES - DDT MIXTURES**
 Borden, Cal. C. 365:46-48, 1946.
- THRIPS TABACI - INSECTICIDES - DDT ys. BENZENE HEXACHLORIDE**
 Chapman et al., J. Ec. Ent. 40:575-576, 1947.
- THRIPS TABACI - RESISTANT BEANS**
 Gui, Ohio B. 659:112, 1945.
- THRIPS TABACI - RESISTANT ONIONS**
 Gates, Neb. R. 59:60-61, 1946.
 Jones, Iowa St. Hort. Soc. Trans. 82: 274, 1947.
 Sleesman, Ohio B. 659:113, 1945.
- THRIPS TABACI - SEPARATOR**
 i Hoerner, J. Ec. Ent. 40:755, 1947.
- THRIPS TABACI Lind. - SPRAYS**
 Jardine et al., USDA OES R. f. 1943/44:50, 1945.
 Wylie & Wilson, Fla. R. f. 1945/46: 171; f. 1946/47:182.
- THRIPS TABACI & POLLINATION - GUAYULE**
 Gardner, Amer. Soc. Agron. J. 39: 227-233, 1947.
- THRIPS TABACI & SEED PRODUCTION - ONIONS**
 Peay & Sorenson, Utah Farm & Home Sci. 7(2):12, 1946.
 Trullinger et al., USDA OES R. f. 1945/46:105, 1947.
 Walker, Utah B. 327:11, 1947.
- THRIPS TABACI & VIRUS DISEASE OF PLANTS**
 Jensen, Hawaiian Ent. Soc. P. 12:542, 551-552, 557, 577, 588, 591-596, 1946.
 Jones, Phytopathology 35:40, 45, 1945.
- *THROAT BOT FLY, see GASTROPHILUS NASALIS (L.)**
- THYANTA CUSTATOR (F.) (RED-SHOULDERED PLANT BUG)**
 Smith, in Cal. Agr. Expt. Sta., Invest. with DDT in Cal. 1944:8, 1945.
- THYANTA CUSTATOR - EGGS**
 i Esselbaugh, Ent. Soc. Amer. Ann. 39:682, 1946.
- THYANTA CUSTATOR - PARASITES**
 Clancy, J. Ec. Ent. 39:327-328, 1946.
- THYANTA CUSTATOR & PEACH DEFORMITIES**
 Snapp, J. Ec. Ent. 40:135-136, 1947.
 i Woodside, J. Ec. Ent. 39:159-160, 1946.
 i Woodside, Va. B. 389:10, 1946.
- THYANTA RUGULOSA (Say)**
 Fautin, Ecol. Monog. 16:269, 1946.
- THYCE HARFORDI Casey - PARASITES**
 Reinhard, Pan-Pac. Ent. 21:11, 13, 1945.
- THYLODRIAS CONTRACTUS Mots. (TIS-SUE-PAPER BEETLE)**
 bi Adrien Robert (Brother), Nat. Can. 74:189-194, 1947.
- THYLODRIAS CONTRACTUS--Continued**
 bi Barber, Ent. Soc. Amer. Ann. 40. 344-348, 1947.
 Fletcher, Ward's Nat. Hist. Sci. B. 20:68, 78, 1947.
- THYRIDOPTERYX EPHEMERAEFOR-MIS (Haw.) (BAGWORM)***
 i Baerg & Lincoln, Ark. Ext. C. 448: 3-4, 1947.
 Bellmann, Mo. Bot. Gard. B. 33:222, 1945.
 i Boyd, N. J. Dept. Agr. C. 355:57-58, 1945.
 Davis, Ind. Acad. Sci. P. 56:151, 1947?
 Fenne, Gard. Gossip 20(11):9, 1945.
 Lyle, Miss. Farm Res. 8(6):8, 1945.
 Lyle, Miss. Inform. Sheet 344:2, 1945.
 Rice et al., Del. B. 259:22, 1945.
 Seifert, Ill. Dept. Agr. R. 30:220, 1947.
 Sherwood & Bishop, W. Va. Ext. C. 325 rev.:14, 1945.
 Stearns, Del. B. 263:28, 1947.
 i Westcott, Home Gard. (N. Y.) 7(2): 53-54, 1946.
- THYRIDOPTERYX EPHEMERAEFOR-MIS - KANSAS**
 Dean et al., Kans. Ent. Soc. J. 18:91, 1945.
 Smith et al., Kans. Ent. Soc. J. 19:45, 1946; 20:48-49, 58, 1947.
- THYRIDOPTERYX EPHEMERAEFOR-MIS - RESISTANCE TO DDT**
 Bromley, J. Ec. Ent. 40:238, 1947.
- THYRIDOPTERYX EPHEMERAEFOR-MIS - SPRAYS**
 Davis, Amer. Nurserym. 84(9):9, 1946.
 Farrar, Arbor. News 11:43, 1946.
 Watts, S. C. R. 59:162, 1947.
- THYRIDOPTERYX EPHEMERAEFOR-MIS - SPRAYS - DDT**
 Craighead & Brown, USDA EPQ E-649:6, 1945.
 Fleming, USDA EPQ E-724:13, 1947.
 Steiner et al., Ind. Hort. Soc. Trans. 86:94, 96, 1947.
- THYSANIA ZENOBI (Cram.)**
 Schiff, N. Y. Ent. Soc. J. 53:88, 1945.
- THYSANOE FIMBRICORNIS Lec.**
 i Beal & Massey, Duke Univ. School For. B. 10:101-102, 1945.
- THYSANOPTERA**
 i Bianchi, Hawaiian Ent. Soc. P. 12: 279-286, 1945; 12:503-514, 1946.
 n Moulton, Mex. Esc. Nac. Cien. Biol. An. 4:419-421, 1947.
 Watson, Fla. R. f. 1944/45:65; f. 1945/46:63.
- THYSANOPTERA - FOREST LITTER**
 Watson, Fla. Ent. 28:33-35, 1945.
- THYSANOPTERA - INDIANA**
 Blickenstaff, Amer. Mid. Nat. 36:668-670, 1946.
- THYSANOPTERA - INSECTICIDES**
 McIndoo, USDA EPQ E-713:114-118, 1947.
 Roark, USDA EPQ E-656:3-4, 1945.
- THYSANOPTERA - INSECTICIDES - DDT**
 Roark & McIndoo, USDA EPQ E-687: 30-31, 1946; E-728:39-44, 1947.

THYSANOPTERA - LITERATURE - J. R. WATSON
 b Bailey, Fla. Ent. 30:17,19-24, 1947.
THYSANURA - INSECTICIDES - DDT
 Roark & McIndoo, USDA EPQ E-687: 27, 1946; E-728:33-34, 1947.
THYSANUS NIGER (Ashm.)
 Bartlett, P. R. (Mayagüez) R. f. 1944. 27, 1945.
TIBICEN CINCTIFERA (Uhl.) (GIRDLED CICALA)
 Nixon, USDA C. 728:39, 1945.
TIBICEN LINNEI (Smith & Grossb.)
 Cuthbert & Cuthbert, Ent. News 56. 143, 1945.
TICK PARALYSIS, see under genera AM-BLYOMMA; DERMACENTOR
TICKS
 i Baker, Cornell Vet. 36:85-90, 1946.
 i Cameron, Parasites of Man ed. 2. 125-131, 1946.
 i Mallis, Handb. of Pest Control:442-445, 1945.
 Haseman, Mo. B. 490:56, 491:18-19, 1945.
 Pomerantz, Pests 14(1):26, 1946.
TICKS - BITES
 Bequaert, Ent. Amer. 25:78-79, 1946.
TICKS - COLLECTION & PRESERVATION
 Brennan, Tex. Rpts. Biol. & Med. 3 213-216, 1945.
 Smith et al., USDA TB 905:9-10, 1946.
TICKS - CONTROL
 Bequaert, Ent. Amer. 25:112, 1946.
 Lyle, Miss. Farm Res. 8(8):8, 1945.
 Miller, USDA BAI R. f. 1944/45:42.
 i Olson, Pest Control & Sanit. 1(3):27, 1946.
 U. S. War Dept. TB MED 184:6, 1945.
TICKS - CONTROL - PASTURE MOWING
 Rude, USDA EPQ E-686.1-2, 1946.
TICKS - CONTROL - PASTURE ROTATION
 Hixson, Okla. Ext. C. 387 rev. 27-29, 1946.
 Portman, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:51, 1946.
TICKS - DUSTS
 Johnson, Sheepman 16:193, 1945.
TICKS - HOSTS
 Anastos, Psyche 54:178-179, 1947.
 b Bishopp & Trembley, J. Parasit. 31: 1-54, 1945.
TICKS - INFESTATION - MEXICAN BORDER
 Miller, USDA BAI R. f. 1944/45:42.
TICKS - INSECTICIDES
 Roark, USDA EPQ E-655:39-41, 1945.
 Rude, Sheep & Goat Raiser 26(11):38, 1946.
TICKS - INSECTICIDES - DDT
 Annand, USDA EPQ R. f. 1944/45:9.
 Bishopp, Amer. J. Pub. Health 36:605; Pests 14(8):24,28, 1946.
 b Miller, N. Y. St. J. Med. 47:1594, 1947.
 Randolph, Tex. Acad. Sci. P. & Trans. 29:53, 1946.
 USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 13, 1947.

TICKS - MILITARY ZONES
 Carpenter et al., Ent. News 57:71-76, 1946.
 U. S. War Dept. TM 5-632 (PB-2435): 51-52, 1945.
TICKS - NORTH AMERICA
 b Bishopp & Trembley, J. Parasit. 31: 1-54, 1945.
TICKS - REPELLENTS
 Gardiner, Can. Min. Agr. R. f. 1946/47: 98.
 i Granett & Sacktor, J. Ec. Ent. 40: 259-263, 1947.
 b Simmons, Adv. Int. Med. 2:237-238, 1947.
 Smith & Gouck, J. Ec. Ent. 39:374-378, 1946.
TICKS - SPRAYS
 i Shull et al., Ida. Ext. C. 88,4 p., 1945.
TICKS - SPRAYS - DDT
 Annand USDA EPQ R. f. 1943/44:21, f. 1946/47:19-20.
 Gerlach, Milk Dealer 36(10):156-157, 1947.
 i Shull et al., Ida. B. 268:38, 1946.
 i Shull et al., Ida. Ext. C. 92,3 p., 1946.
 Telford & Guthrie, Agr. Chem. 1(3): 31, 1946.
TICKS - SPRAYS - DDT & ROTENONE
 Squibb, Sci. News Let. 49 115-116, 1946.
TICKS - TOXIC EFFECT OF MAN
 Brennan, J. Parasit. 33:491-494, 1947.
TICKS & ANIMAL DISEASE
 i Curran, Nat. Hist. 54:212-215, 1945.
 i Hutyra et al., Spp Path. & Ther. of the Dis. of Dom. Anim. Eng. ed. 5, v. 1:829-876,878-883,934-941, v. 3: 304b,313,316-317,681-690, 1946.
TICKS & ANIMAL DISEASE - CATTLE-TICK FEVER
 Harding, Two Blades of Grass 150-152, 1947.
 Simms, USDA BAI R. f. 1945/46:56-57
TICKS & ANIMAL DISEASE - MANGE
 Brandenburg, Dak. Farm. 66(8):9, 1946.
TICKS & ANIMAL DISEASE - TEXAS CATTLE FEVER
 Field & McDowell, Dairy Enterprises: 360-362, 1946.
 Wermelskirchen, in Davis et al., Livestock Enterprises rev. 1:36, 1946.
TICKS & DISEASE
 i Archer, Ala. Conserv. 18(6):8-9, 1946.
 Bequaert, Ent. Amer. 25:79-101,119-120, 1946.
 Bishopp, Amer. J. Pub. Health 35:375-376, 1945.
 i Boyd, Prev. Med. ed. 7:308,310,313-319,327-328,339-342, 1945.
 i Curran, Nat. Hist. 54:283-285, 1945.
 Gershenfeld, Bact. & All. Subjects: 374, 1945.
 b Getting, New Eng. J. Med. 232:345-346, 1945.
 Herms, Cal. Med. 67:97-99, 1947.
 bi Hull, Dis. Transmitted from Anim. to Man ed. 3:264-270,273,279,353-354,356,388,391-392,397,412-417, 428-429,454,457,459, 1947.
 Humphreys, Can. Nurse 41:863-865, 1945.

TICKS & DISEASE--Continued.

- Humphreys, Can. J. Compar. Med. 11: 190-192, 1947.
- b MacCreary, Del. B. 252,22 p., 1945.
- i Manson-Bahr, Manson's Trop. Dis. ed. 12:946-951, 1945.
- b Miller, Cornell Vet. 37:121-128, 1947.
- Pomerantz, Pests 13(7).14, 1945.
- Simmons, Adv. Int. Med. 2:259, 1947.
- Smillie, Pub. Health Adm. in U. S. ed. 3:176-178,255, 1947.
- TICKS & DISEASE - ALBERTA**
- b Bow & Brown, Can. Med. Assoc. J. 53:459-465, 1945.
- TICKS & DISEASE - BULLIS FEVER**
- b₁ Pollard et al., Amer. J. Trop. Med. 26:175-187, 1946.
- TICKS & DISEASE - COLORADO TICK FEVER**
- b Florio et al., J. Expt. Med. 83:295-301, 1946.
- b₁ Pollard et al., Amer. J. Trop. Med. 26:176,182-187, 1946.
- TICKS & DISEASE - ENCEPHALITIS - U. S.**
- Hammond & Reeves, Sci. News Let. 46: 130, 1946.
- TICKS & DISEASE - ENCEPHALOMYE-LITIS, EQUINE**
- b Hammon & Reeves, J. Expt. Med. 83: 163-173, 1946.
- TICKS & DISEASE - MISSISSIPPI**
- Archer, Ala. Acad. Sci. J. 18:65, 1946. (Abs.)
- Archer, Miss. Doctor 25:176-177, 1947.
- TICKS & DISEASE - Q FEVER**
- b Cheney, Cal. Med. 66:280-282, 1947.
- TICKS & DISEASE - RELAPSING FEVER**
- Fisher & Edelman, U. S. Army Med. Dept. Bul. 7:901-903, 1947.
- Morgan, U. S. Army Med. Dept. Bul. 4: 301, 1945.
- TICKS & DISEASE - RICKETTSIAL DISEASES**
- b Bird, Md. Univ. School Med. B. 29: 109-124, 1945.
- b Tovar, Medicina Rev. Mex. 25:65-85, 89-96, 1945.
- TICKS & DISEASE - ROCKY MOUNTAIN SPOTTED FEVER**
- i Baker, Hygela 25:473,475-476,528-529,566-567,622-623,643, 1947.
- i Browne, Va. Wildlife 8(7):18-19,21, 1947.
- i Carter, Frontiers 9:132-134,160, 1945.
- b Danciger, Memphis Med. J. 22:43-45, 1947.
- b Greeley, Med. Clin. N. Amer. [31]: 654-656, 1947.
- b Humphreys & Campbell, Can. J. Pub. Health 38:126-130, 1947.
- b Miller, N. Y. St. J. Med. 47:1592-1594, 1947.
- Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:277.
- Pullen et al., N. O. Med. & Surg. J. 97: 359-362, 1945.
- Tichenor et al., J. Ped. 31:1-2,5,8,10, 14-15, 1947.
- Topping, N. Y. St. J. Med. 47:1585-1587,1599, 1947
- TICKS & DISEASE - TICK PARALYSIS**
- Parran, U. S. Pub. Health Serv. R. 74 [i.e. 75] f. 1945/46:278.
- TICKS & DISEASE - TULAREMIA**
- i Byfield et al., Amer. Med. Assoc. J. 127:191-196, 1945.
- Humphreys & Campbell, Can. J. Pub. Health 38:128,130, 1947.
- TICKS & DISEASE - TYPHUS**
- b Bayne-Jones, R. I. Med. J. 30:423-425, 1947.
- TICKS ON BIRDS**
- Edminster, Ruffed Grouse:245-247, 1947.
- TICKS ON CATS**
- Gay, How to Live with a Cat:136-138, 1946.
- TICKS ON CATTLE**
- Gardiner, Can. Min. Agr. R. f. 1946/47: 98.
- Gerlach, Milk Dealer 36(10).156-157, 1947.
- Hixson, Okla. Ext. C. 387 rev. '24-29, 1946.
- Knapp, Fla. Grow. 55(11a):20, 1947.
- Sanders & Tissot, Fla. R. f. 1945/46. 64.
- Ward, B. C. Dept. Agr. R. 40.V80, 1946.
- TICKS ON CATTLE - SPRAYS**
- Squibb, Sci. News Let. 49 115-116, 1946.
- TICKS ON DOGS**
- Denlinger, Complete Dachshund:173, 1947.
- Lowry, Your Dog & Mine:64, 1947.
- TICKS ON FUR ANIMALS**
- Herrick, Natl. Fur News 19(10).52, 1947.
- TICKS ON LAWN**
- Rude, Sheep & Goat Raiser 26(11):38, 1946.
- TICKS ON LIVESTOCK**
- Annand, USDA EPQ R. f. 1946/47:19-20.
- Bequaert, Ent. Amer. 25:101-103, 1946
- Telford & Guthrie, Agr. Chem. 1(3): 31, 1946.
- TICKS ON MICE**
- Smith et al., USDA TB 905:65-70, 1946
- TICKS ON SHEEP**
- Johnson, Sheepman 16:193, 1945.
- MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev..330-331, 1945.
- Schwardt & Matthisse, Hacienda 40: 346-347, 1945.
- i Shull et al., Ida. B. 268:38, 1946.
- i Shull et al., Ida. Ext. C. 88.4 p., 1945 92.3 p., 1946.
- TICKS ON SQUIRRELS**
- Linsdale, Cal. Ground Squirrel:301-302, 1946.
- TICKS ON TURKEYS**
- Marsden & Martin, Turkey Mangt. ed. 4:662-663, 1946.
- TICKS ON WILD ANIMALS**
- Bequaert, Ent. Amer. 25:103-112, 1946
- *TIGER SWALLOWTAIL, see PAPILIO GLAUCUS L.
- *TILE-HORNED PRIONUS, see PRIONUS IMBRICORNIS (L.)

- TILLOCLYTUS GEMINATUS** (Hald.)
i Knull, Ohio Biol. Surv. B. 39:227, 1946.
- TILLUS NOTATUS** Klug
Weber, Hawaiian Ent. Soc. P. 13:22, 1947.
- TILLUS PATAGONIAE** Knull
b Knull, Ohio J. Sci. 46:72, 1946.
- TIMARCHA INTRICATA** Hald. (STRAW-BERRY LEAF BEETLE)
i Colby, Ill. Ext. C. 453 rev.:47-48,50, 1946.
i Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44:1-3, 1946.
- TIMETES CHIRON** (F.), see **MARPESIA CHIRON** (F.)
- TIMULLA VAGANS** (F.)
Shappirio, Bklyn. Ent. Soc. B. 42:163, 1947.
- TINEA FUSCIPUNCTELLA** Haw.
Linsley, Pests 14(7):14,16, 1946.
- TINEA PELLIONELLA** (L.) (CASE MAKING CLOTHES MOTH)*
i Back, USDA Leaf. 145 rev., 8 p., 1947.
Linsley, Pests 14(7):12,14, 1946.
Michelbacher, Pests 15(6):8, 1947.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:4-6, 1947.
- TINEOLA BISSELLIELLA** (Hum.) (WEB-BING CLOTHES MOTH)*
i Back, USDA Leaf. 145 rev., 8 p., 1947.
Linsley, Pests 14(7):12,14, 1946.
Michelbacher, Pests 15(6):8, 1947.
Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 213:4-6, 1947.
bi Reumuth, in von Bergen, Mothproofing of Woolen Materials in Europe. 7-28, 1946.
i Shepard, Pests 14(11):14,16, 1946.
- TINEOLA BISELLIELLA - INSECTICIDES**
i Hulbirt, Pest Control & Sanit. 1(6) 14-16, 1946.
Molnar, Soap & Sanit. Chem. 23(7):147, 149, 1947.
Parker & Beacher, Del. B. 264:17,25, 1947.
Stearns, Soap & Sanit. Chem. 23(1). 119,141, 1947.
- TINEOLA BISSELLIELLA - INSECTICIDES - DDT**
i Collins & Glasgow, J. Ec. Ent. 39: 241-245, 1946.
- TINEOLA BISSELLIELLA - WALLACE, Soap & Sanit. Chem. 22(10):163, 1946.**
- TINEOLA BISSELLIELLA - NYLON**
Pa n, J. Ec. Ent. 38:522-523, 1945.
- TINEOLA BISSELLIELLA - REARING**
Haydak, J. Ec. Ent. 40:279-280, 1947.
A. S. T. M. Stds. f. 1946 Pt. 3-A:1093, 1947.
- TINEOLA WALSINGHAMII** Busck (PLASTER BAGWORM)
Watson, Fla. PB 619:2, 1946.
- TINGIDAE**
Lyle, Miss. Farm Res. 8(6):8, 1945.
Lyle, Miss. Inform. Sheet 344:2, 1945.
Peterson, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. 8:58, 1945.
Roque, P. R. (Rfo Piedras) R. f. 1943/44:59, 1946.
- TINGITIDAE, see TINGIDAE**
- TINGOIDEA - GENERA**
bnlk Hurd, Iowa St. Col. J. Sci. 20: 429-489, 1946.
- TINOBREGMUS** Van D. - MEXICO
ni DeLong, Bklyn. Ent. Soc. B. 40:97-103, 1945.
- TIPHIA ARGENTIPES** Cress.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba. 536, 1946.
- TIPHIA HISPANIOLAE** Wolc.
Wolcott, Sugar J. 10(6):18, 1947.
- TIPHIA POPILLIAVORA** Roh.
Adams & Wheeler, N. Y. (G.) R. 63: 25, 1945.
French, Va. Dept. Agr. & Immigr. R. f. 1945/46:52.
French, Va. Dept. Agr. & Immigr. B. 459:10, 1947.
Schread, Conn. B. 488:338-339, 1945; 512:49, 1946; 505:15-17,20, 1947.
Slate, Conn. B. 484:60, 1945.
Slate, Conn. R. f. 1944/45:17.
- TIPHIA VERNALIS** Roh.
Adams & Wheeler, N. Y. (G.) R. 63: 25, 1945.
Eddy, R. I. Dept. Agr. & Conserv. R. 10:45, 1945.
French, Va. Dept. Agr. & Immigr. R. f. 1944/45:57, f. 1945/46:52.
French, Va. Dept. Agr. & Immigr. B. 449:9, 1946.
Leaver, R. I. Dept. Agr. & Conserv. R. 11:33, 1946.
Schread, Conn. B. 488:338, 1945, 512: 49, 1946, 505:13-15,20, 1947.
Slate, Conn. R. f. 1944/45:17.
Slate, Conn. B. 484:60, 1945.
- TIPHIDAE**
bnlk Pate, N. Y. Ent. Soc. J. 55:115-145, 1947.
- TIPULA sp. & POTATO LEAF ROLL**
Jensen, Hawaiian Ent. Soc. P. 12:599, 1946.
- TIPULA ABDOMINALIS - PARASITES - PROTOZOA**
bi Ludwig, Amer. Micros. Soc. Trans. 65:189-214, 1946; 66:22-33, 1947.
- TIPULIDAE**
Alexander, Can. Ent. 77:1-6, 1945.
Alexander, Pan-Pac. Ent. 21:91-97, 1945.
Alexander, Bklyn. Ent. Soc. B. 40:33-37, 1945; 41:45-51,65-71, 1946.
n Alexander, Ent. News 57:245-252, 1946.
n Alexander, N. Y. Ent. Soc. J. 54:293-307, 1946.
ni Alexander, South. Cal. Acad. Sci. B. 44:33-45, 1945, 45:1-16, 1946.
n Alexander, Ent. News 56:126-132, 155-161, 1945; 57:65-71,173-179, 1946; 58:61-67,205-209, 1947.
- TIPULIDAE - MEXICO**
ni Alexander, Mex. Esc. Nac. Cien. Biol. An. 4:213-253, 1946.
- TIPULIDAE - NEARCTIC**
n Alexander, Can. Ent. 77:140-144, 186-191,204-208, 1945; 78:155-159, 1946; 79:68-73, 1947.
n Alexander, Bklyn. Ent. Soc. B. 42: 131-135, 1947.

TIPULIDAE & MYIASIS

James, USDA Misc. Pub. 631:142, 1947.

TIPULOIDEA

bni Alexander, Amer. Mid. Nat. 33: 391-439, 1945.

bni Alexander, Amer. Mid. Nat. 35: 484-513, 1946.

TIPULOIDEA - MEXICO

n Alexander, Ent. Soc. Amer. Ann. 39: 119-139; 522-541, 1946.

TISSUE-PAPER BEETLE, see THYLODRIAS CONTRACTUS Mots.

TITANOGRYPHA ALATA (Ald.) & MYIASIS

i James, USDA Misc. Pub. 631:42, 1947.

TLASCALA FINITELLA (Wlkr.) (HILL FIREWORM)

Franklin, Cranberries 11(2):22, 1946.

Franklin, Mass. B. 428:28, 1945.

TOADS & INSECTS, see BUFO MARI-NUS - FOOD; INSECTS AS FOOD OF TOADS; MYIASIS - TOADS

*TOBACCO BUDWORM, see HELIOTHIS VIRESCENS (F.)

*TOBACCO FLEA BEETLE, see EPITRUX HIRTIPENNIS (Melsh)

*TOBACCO HORNWORM, see PROTO-PARCE SEXTA (Johan.)

TOBACCO INSECTS

Anand, New Internatl. YB 1944:296, 1945.

i Bullock, Pract. Farm. f. So. ed. 2: 243-244, 1946.

Campbell, W. Va. Ext. C. 346B:19-20, 1946.

Conner & Kulash, N. C. Ext. C. 299, 12 p., 1947.

bi Garner, Prod. of Tob.:274-300, 1946.

Gauthier & Rioux, Quebec Soc. Pro-tect. Plants R. 29:87-88, 1945?

i Nettles et al., S. C. Ext. B. 109:24-39, 1947.

Price, Ky. Ext. C. 437, 8 p., 1947.

Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:104, 1947.

b Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob., 11 p.; Stored & Mfd. Tob., 4 p.; Cigar Tob., 6 p.; Burley & Dark Fire-Cured Tob., 8 p., 1947.

USDA Tob. Advisory Com., Rpt. & Re-com. under Res. & Mktg. Act of 1946: 11-13, 1947.

TOBACCO INSECTS - CONTROL, CUL-TURAL

Greenwood, Conn. B. 473:14-16, 1946.

TOBACCO INSECTS - DUSTS

King, Ga. Coastal Plain B. 44:43-44, 1947.

TOBACCO INSECTS - INSECTICIDES

Allen, Control de Plagas 8:20-21, 23, 1946.

TOBACCO INSECTS - INSECTICIDES - DDT

Allen, S. C. R. 58:108-113, 1946.

White, USDA EPQ E-892:10-11, 1946.

TOBACCO INSECTS - POISON BAIT

bi Allen & Pollard, J. Ec. Ent. 40:655-660, 1947.

Hammonds & Tabb, Farm. Handb.:115-116, 1947.

TOBACCO INSECTS - SEED BEDS

Bourne & Shaw, J. Ec. Ent. 40:749, 1946.

Johnson & Ogden, Wis. B. 467:25-26, 1945.

Swanback & Anderson, Conn. B. 493: 29-30, 1946.

TOBACCO INSECTS - STORED TO-BACCO

Anand, USDA EPQ R. f. 1943/44:15, 1945.

Bare et al., J. Ec. Ent. 39:612-613, 1946.

Tenhet, J. Ec. Ent. 38:449-451, 1945.

Tenhet, USDA EPQ E-717, 5 p., 1947.

Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Flue-Cured Tob.:10; Stored & Mfd. Tob., 4 p., 1947.

USDA Tob. Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946:12-13, 1947.

TOBACCO INSECTS - STORED TOBACCO - EFFECT OF REDRYING

i Tenhet & Bare, J. Ec. Ent. 39:607-609, 1946.

*TOBACCO MOTH, see EPHESTIA ELU-TELLA (Hbn.)

TOBACCO SPLITWORM, see GNORIMO-SCHEMA OPERCULELLA (Zell.)

*TOBACCO STALK BORER, see TRI-CHOBARIS MUCOREA (Lec.)

*TOBACCO THRIPS, see FRANKLINI-ELLA FUSCA (Hinds)

TOBACCO WEBWORM, see CRAMBUS CALIGINOSSELLUS Clem.

*TOBACCO WIREWORM, see CONODE-RUS VESPERTINUS (F.)

TOMASPIS INCA (Guer.) & ALTERNARIA LEAF BLIGHT OF HEVEA

Martin, Phytopathology 37:611-612, 1947.

*TOMATO FRUITWORM, see HELIOTHIS ARMIGERA (Hbn.)

*TOMATO HORNWORM, see PROTO-PARCE QUINQUEMACULATA (Haw)

TOMATO INSECTS

Essig, Food Packer 28(12):62, 1947.

Hayslip & Forsee, Fla. St. Hort. Soc. P. 60:153-154, 1947.

Hoerner, West. Colo. Hort. Soc. Trans. f. 1944:59-60, 1945.

Holdaway, Hawaii R. f. 1942/44:61-62, 1945.

Knowlton & Peay, Utah Mimeo. Ser. 325, 2 p., 1946.

i Parks & King, Ohio Ext. B. 76 rev.: 45-46, 1947.

Pepper, Pa. Veg. Grow. News 15(1): 58-60, 1945.

i Pepper, N. J. Ten-Ton Tomato Club R. f. 1945:16-25; f. 1946:23-24.

Pratt et al., N. Y. (C.) Ext. B. 696 rev.:86, 1947.

Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4:111, 1947.

Steinweden, Cal. Dept. Agr. B. 34:183-184, 1946.

TOMATO INSECTS - CONTROL - PRE-SETTING TREATMENT

Martin, N. J. R. 66:41-42, 1946.

- TOMATO INSECTS - INSECTICIDES**
 Kelsheimer, Fla. R. f. 1946/47:126.
 Martin, N. J. R. 66:42, 1946.
 Michelbacher et al., Agr. Chem. 2(3):
 21-23, 52-54, 68, 1947.
 Wene, J. Ec. Ent. 40:676-677, 679, 1947.
- TOMATO INSECTS - INSECTICIDES - DDT**
 Wilcox & Howland, USDA EPQ E-699,
 8 p., 1946.
- *TOMATO PINWORM, see KEIFERIA LYCOPERSICELLA (Busck)**
- *TOMATO PSYLLID, see PARATRIOZA COCKERELLI (Sulc)**
- *TOMATO RUSSET MITE, see VASATES DESTRUCTOR (Keif.)**
- TOMATO SUCK FLY, see CYRTOPELTIS VARIANS (Dist.)**
- TOROCAMPUS DIPRIONI (Roh.), see LAMACHUS CONTORTIONIS Davis**
- TOROCAMPUS EQUES (Htg.), see LAMACHUS EQUES (Htg.)**
- TORSALO FLY, see DERMATOBIA HOMINIS (L., Jr.)**
- TORTRICIOPHAGA TORTRICIS (Coq.)**
 Beacher, Ent. Soc. Amer. Ann. 40:532,
 535-536, 539, 543, 1947.
 Reeks et al., Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1945:12, 1946;
 f. 1946:12, 1947.
 Satterthwait & Swain, J. Ec. Ent. 39:
 577, 1946.
- TORTRIX L.**
 Heimbürger, For. Chron. 21:116-117,
 1945.
- TORTRIX LYSIMACHIANA Swezey**
 n Swezey, Hawaiian Ent. Soc. P. 12:
 626, 1946.
- TORTRIX PACKARDIANA Fern.**
 Daviault, Quebec Min. Lands & For. R.
 f. 1944/45:116-117, 1946.
 Daviault & Lambert, Can. Dept. Agr.
 Div. Ent. For. Ins. Surv. R. f. 1945:
 24, 1946.
- TORYMUS DRUPARUM Boh. (APPLE SEED CHALCID)***
 Bird & Mitchener, Can. Ins. Pest Rev.
 24:70-71, 1946.
 Bird et al., Can. Ins. Pest Rev. 25:87,
 1947.
- TOUMEYELLA sp.**
 Lejeune, Can. Ins. Pest Rev. 25:75,
 1947.
 McGuffin & Barker, Can. Dept. Agr.
 Div. Ent. For. Ins. Surv. R. f. 1946:
 59, 1947.
 Richmond & McGuffin, Can. Dept. Agr.
 Div. Ent. For. Ins. Surv. R. f. 1944:
 43, 1945.
- TOUMEYELLA LIRIODENDRI (Gmel.) (TULIPTREE SCALE)***
 i Boyd, N. J. Dept. Agr. C. 355:108-
 109, 1945.
 Kelfer, Cal. Dept. Agr. B. 35:209, 1947.
- TOUMEYELLA NUMISMATICUM (Pettit & McDan.) (PINE TORTOISE SCALE)***
 Lejeune, Can. Dept. Agr. Div. Ent.
 For. Ins. Surv. R. f. 1945:49, 1946.
 Lejeune, Can. Ins. Pest Rev. 24:77,
 1946.
- TOXOPHORA AMPHITEA Wlkr.**
 Rau, Ent. News 57:196, 1946.
- TOXOPTERA AURANTII (Fonsc.) (BLACK CITRUS APHID)***
 Hume, Camellias in Amer. 178-179,
 1946.
 Martorell, P. R. Univ. J. Agr. 29:380-
 382, 1945.
 Morrison, Cal. Dept. Agr. B. 35 136,
 1946.
 Plank & Winters, P. R. (Mayaguez) R.
 f. 1945:30, 1946.
 Ryan, Los Angeles Co. Cal. Agr.
 Comnr. R. f. 1944/45:8, f. 1945/46:
 15, f. 1946/47:13.
 Wolfe et al., Fla. Ext. B. 129:91, 1946.
 Wolfenbarger, Fla. R. f. 1946/47:248-
 249.
- TOXOPTERA AURANTII & VIRUS DISEASES OF PLANTS**
 Jensen, Hawaiian Ent. Soc. P. 12:552,
 557, 1946.
- TOXOPTERA GRAMINUM (Rond.) (GREENBUG)***
 bi Atkins & Dahms, USDA TB 901,30p,
 1945.
 Dean et al., Kans. Ent. Soc. J. 18:91,
 1945.
 Lincoln & Miner, Ark. Ext. C. 437:18,
 1945.
 Smith et al., Kans. Ent. Soc. J. 19:44,
 1946, 20:48, 58, 1947.
- TOXOPTERA GRAMINUM - RESISTANT BARLEY**
 i McDowell, Tex. R. 58:26, 1946.
- TOXOPTERA GRAMINUM - RESISTANT GRAINS**
 i Atkins & Dahms, USDA TB 901:10-
 29, 1945.
- TOXOPTERA GRAMINUM & MOSAIC OF SUGARCANE**
 Ingram et al., Sugar J. 9(11):23, 1947.
 Jensen, Hawaiian Ent. Soc. P. 12:563,
 1946.
- TOXOPTERA GRAMINUM & MOSAIC OF WHEAT**
 Johnson, Ohio J. Sci. 45:90,95, 1945.
- TOXOPTERA GRAMINUM & PLANT NUTRITION**
 Haseman, J. Ec. Ent. 39:9, 1946.
- TOXOPTERA GRAMINUM & WEATHER**
 Atkins & Dahms, USDA TB 901:3-6,
 1945.
- TOXORHYNCHITES RUTILUS Coq.**
 b Basham et al., Mosq. News 7:64-66,
 1947.
 Carpenter & Jenkins, Mosq. News 5:
 88, 1945.
 b Seabrook & Duffey, Mosq. News 6:
 193-194, 1946.
 b Weathersbee & Arnold, Tenn. Acad.
 Sci. J. 22:225, 1947.
- TOXORHYNCHITES RUTILUS RUTILUS (Coq.) - BREEDING PLACES - TREE HOLES**
 Jenkins & Carpenter, Ecol. Monog. 16:
 44-46, 1946.
- TOXORHYNCHITES RUTILUS SEPTENTRIONALIS (Dyar & Knab)**
 b Basham et al., Mosq. News 7:64,
 1947.

- TOXORHYNCHITIS RUTILUS SEPTENTRIONALIS** --Continued.
 Michener, Amer. Mid. Nat. 37:373, 1947.
 Peterson & Smith, J. Ec. Ent. 38:381, 1945.
 i Ross, Ill. Nat. Hist. Surv. B. 24:7,9, 18,20,22-23,32-33, 1947.
 Seabrook & Duffey, Mosq. News 6:194, 1946.
 Schlaifer & Harding, Tenn. Acad. Sci. J. 21:254, 1946.
- TOXORHYNCHITIS RUTILUS SEPTENTRIONALIS - BREEDING PLACES - TREE HOLES**
 Jenkins & Carpenter, Ecol. Monog. 16: 43-44, 1946.
- TOXORHYNCHITIS RUTILUS SEPTENTRIONALIS - PENNSYLVANIA**
 Breland, Mosq. News 7:77, 1947.
 Stabler, Ent. News 58:232-233, 1947.
- TOXORHYNCHITIS RUTILUS SEPTENTRIONALIS - SOUTH CAROLINA**
 b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:225, 1947.
- TOXORHYNCHITES SPLENDENS** Wied.
 b Newkirk, Ent. Soc. Amer. Ann. 40: 522-527, 1947.
- TOXOTRYPANA CURVICAUDA** Gerst.
 (PAPAYA FRUIT FLY)*
 Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:8, 1946.
 McClanahan, Fla. St. Plant Bd. Bien. R. 16:29, 1946.
 Merrill, Fla. St. Plant Bd. Bien. R. 16: 39-40, 1946.
 Osorio, B. Inform. Agr. Gobierno Prov. Las Villas 17(130):10, 1945.
 Osorio, Control de Plagas 8 [i.e. 7]: 76, 1945.
 Wolfenbarger, Fla. R. f. 1946/47:249.
- TOXOTUS CINNAMOPTERUS** (Rand.) 173,
 T. CYLINDRICOLLIS 171
 Knull, Ohio Biol. Surv. B. 39: 1946.
- TOXOTUS FLAVOLINEATUS** Lec.
 i Hardy, Victoria Nat. 2:92, 1945.
- TOXOTUS SCHAUMII** Lec., T. VITTIGER (Rand.)
 Knull, Ohio Biol. Surv. B. 39:172-173, 1946.
- TRACHELUS TABIDUS** (F.), see CEPHUS TABIDUS (F.)
- TRACHYRHACHIS KIOWA** (Thos.)
 Romney, J. Ec. Ent. 39:671, 1946.
- TRACHYTHRIPS WATSONI** Hood
 Watson, Fla. Ent. 28:34,36, 1945.
- TRAGIDION COQUUS** (L.)
 i Knull, Ohio Biol. Surv. B. 39:229, 1946.
- TRAGOSOMA DEPSARIUM HARRISH** Lec.
 i Hardy, Victoria Nat. 2:90, 1945.
 i Knull, Ohio Biol. Surv. B. 39:147, 1946.
- TRANSVERSE LADYBEETLE**, see COCCINELLA TRANSVERSOGUTTATA Fald.
- TRANSVERSE POPLAR GALL APHID**, see PEMPHIGUS POPULI-TRANSVERSUS Riley
- TRAP BOARDS**, see TRAPS FOR INSECTS - TRAP BOARDS
- TRAP CROPS**, see TRAPS FOR INSECTS - TRAP CROPS
- TRAP DOOR SPIDERS**, see CTENIZINAE
- TRAPS FOR INSECTS**
 Armitage, Cal. Dept. Agr. B. 33:230-234, 1945.
 Caldwell, P. R. J. Pub. Health & Trop. Med. 21:199, 1945.
 i Carpenter et al., Amer. Mid. Nat. Monog. 3:7-10, 1946.
 Collins & Glasgow, J. Ec. Ent. 39:244, 1946.
 b Davis & Landis, J. Ec. Ent. 40:821-824, 1947.
 Eide, Wash. St. Hort. Assoc. Proc. 41: 57, 1945.
 French, Va. Dept. Agr. & Immigr. R. f. 1945/46:50-51.
 Gardiner, Can. Min. Agr. R. f. 1944/45: 56.
 Glendenning, Can. Dept. Agr. Div. Ent. Processed Pub. 21 rev.:5, 1947.
 Gould, Ind. Acad. Sci. P. 56:159, 1947?
 Guyton, Pa. Game News 17(1):13, 1946.
 Knutson, R. I. Dept. Agr. & Conserv. R. 12:35-36, 1947.
 i Lincoln, Ark. Ext. C. 362 rev.:5-6, 1945.
 Madden et al., J. Ec. Ent. 40:121, 1947.
 i Magoon, Salub. y Asist. Soc. B. Ofic. 48:347-357,414-417; 498-501, 1945.
 Mulhern, N. J. Mosq. Exterm. Assoc. P. 32:144,169-170, 1945.
 Parman, J. Ec. Ent. 38:66-67, 1945.
 Salter, USDA PISAE R. f. 1946/47:76-77.
 Simpson et al., Maine B. 442:133-134, 1946.
 Stage, J. Ec. Ent. 40:760, 1947.
 Suffolk Co. [N. Y.] Mosq. Exterm. Comn. R. f. 1944/45:7-8; f. 1945/46: 7-11; f. 1946/47:6-8.
 i Yeager, N. J. Mosq. Exterm. Assoc. P. 32:135-136, 1945.
 Zukauckas, N. J. Mosq. Exterm. Assoc. P. 32:258, 1945.
 Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Stored & Mfd. Tob.:2, 1947.
 USDA EPQ, Amer. Nurserym. 83(7): 32-33, 1946.
- TRAPS FOR INSECTS**, see also TREE BANDING
- TRAPS FOR INSECTS - AUTOMATIC KILLING - DDT**
 i Langford et al., J. Ec. Ent. 38:199-201, 1945.
- TRAPS FOR INSECTS - BAIT**
 Annand, USDA EPQ R. f. 1943/44:14, 29-30; f. 1944/45:35-36; f. 1945/46: 34-35; f. 1946/47:38-40.
 Batchelor et al., Cal. C. 364:22-23, 1945.
 Carlson et al., J. Ec. Ent. 40:61, 1947.
 Childs, J. Ec. Ent. 40:452, 1947.
 Chisholm et al., J. Ec. Ent. 39:399, 1946.
 b Davis, Ent. Soc. Wash. P. 47:253-255, 1945.
 Davis, Oreg. Dept. Agr. Bien. R. f. 1944/46:41.

- TRAPS FOR INSECTS - BAIT--Continued
Deonier, Kans. Ent. Soc. J. 19:26-29, 1946.
- bi Dethier, Chem. Ins. Attractants & Repellents:171-200, 1947.
- i Eyer & Enzie, N. Mex. B. 338:10-12, 1947.
- Figy, Mich. St. Dept. Agr. Bien. R. 11: 97, 1945, 12:130, 1947.
- i Filinger, Kans. C. 235:13-14, 1946.
- Fluke, Wis. Hort. 38:263, 1947.
- Gates, Colo. Bur. Plant & Ins. Control R. f. 1945/46:12.
- Gunderson, Iowa St. Hort. Soc. Trans. 80:120-124, 1945.
- Hiscox, Henley's Twentieth Formulas 425, 1946.
- i Hutson, Mich. Ext. Folder F-83,2 p., 1945.
- Jennings, R. I. Misc. Pub. 26:17, 1945.
- Langford & Cory, J. Ec. Ent. 39:245-247, 1946.
- La Rivers, Pan-Pac. Ent. 22:117, 1946.
- Leaver, R. I. Dept. Agr. & Conserv. R. 11:33, 1946.
- Lecrone, Okla. Ext. B. 108 rev. 17, 1946.
- Lilly & Kuehner, Wis. Hort. 36 259, 1946.
- Miller, Peninsula Hort. Soc. Trans. 59:32-33, 1946.
- b Muma et al., J. Ec. Ent. 38 658-660, 1945.
- Plummer & Shaw, J. Ec. Ent. 40 483, 1947.
- Rice & Stearns, Peninsula Hort. Soc. Trans. 59:28,31, 1946.
- Richardson, Iowa R. f. 1944/45 pt. 1 249.
- b Shaw, J. Ec. Ent. 40 36,38-39, 1947.
- i Sheals, Agr. Chem. 1(5):24, 1946.
- Starr, J. Agr. Res. 71:416, 1945.
- Trullinger et al., USDA OES R. f. 1945/46:117, 1947.
- Whitehead, J. Ec. Ent. 39:411-413, 1946.
- Va. Ext. B. 131 rev.:20-21, 1947.
- TRAPS FOR INSECTS - BAIT - ANIMALS
LIVE
- Caldwell, Mosq. News 6 94, 1946.
- i Henderson, P. R. J. Pub. Health & Trop. Med. 20:426-427, 1945.
- Pratt, U. S. Pub. Health Rpts. Sup. 200: 7-8,13-15,20, 1947.
- Tarzwil & Fisk, U. S. Pub. Health Rpts. 62:85-87, 1947.
- Trapido, Amer. J. Trop. Med. 26:391, 406-410, 1946.
- Weathersbee, Natl. Malar. Soc. J. 5: 267-268,271-273, 1946.
- TRAPS FOR INSECTS - BAIT - ATTRAC-
TANTS
- i Baker et al., Wash. B. 497:15-17, 1947.
- Curry, N. Mex. R. 57:29, 1947?
- Davis, Oreg. St. Hort. Soc. R. 38:26-27, 1946.
- b Scott & Milam, USDA EPQ E-735:12-16, 1947.
- Steiner, Va. Fruit 34:137, 1946.
- TRAPS FOR INSECTS - BAIT - HUMAN
Stabler, Ent. News 56:93-99, 1945.
- TRAPS FOR INSECTS - BAIT -
MCPHAIL LURE
- b Cox, J. Ec. Ent. 40:589, 1947.
- Shaw & Starr, J. Ec. Ent. 39:526, 1946.
- TRAPS FOR INSECTS - BAIT - SOLIDS
- i Eyer, J. Ec. Ent. 38:344-346, 1945.
- TRAPS FOR INSECTS - BUG CATCHER,
NISBET
- Butler, Prog. Farm. Tex. Ed. 61(11): 26, 1946.
- TRAPS FOR INSECTS - CAGE TRAPS
- i Sprules, Toronto Univ. Studies Biol. Ser. 56 16-21,24,71, 1947.
- TRAPS FOR INSECTS - DIRECTIONAL
BARRIER TRAP
- Gorden & Gerberg, Natl. Malar. Soc. J. 4 123-125, 1945.
- TRAPS FOR INSECTS - ELECTRIC
- bi Herms, Hilgardia 17:361-375, 1947.
- Muller, Amer. Orchid Soc. B. 15:182, 1946.
- TRAPS FOR INSECTS - ELECTRIC -
HAZARDS & SAFEGUARDS
- b Herms, Hilgardia 17 371-372, 1947.
- TRAPS FOR INSECTS - EMERGENCE
CAGE ATTACHMENT
- i Getzendaner & Davis, USDA EPQ ET-242,3 p., 1947.
- TRAPS FOR INSECTS - FLIGHT
- Gorham, Ent. Soc. Ont. R. 75:21, 1945.
- Gorham, Acadian Nat. 2:106-111, 1946.
- TRAPS FOR INSECTS - FLY TRAPS
- i Bishopp & Henderson, USDA Leaf. 182 rev.:8-9, 1946.
- i Bullock, Pract. Farm. f. So. ed. 2 280, 1946.
- i Field & McDowell, Dairy Enter-prises:291, 1946.
- Furman, J. Ec. Ent. 39:541-542, 1946.
- i Handley, U. S. Navy Hosp. Corps Quart. 18(12) 45-47, 1945.
- i Harris & Down, Amer. J. Trop. Med. 26 790-791, 1946.
- Melnick et al., U. S. Pub. Health Rpts. 62:911,913,916-917, 1947.
- i Morrison, Can. Jersey Breed. 2(7) 30-31, 1947.
- Munro et al., N. Dak. Bimo. B. 9:126, 128, 1947.
- Power & Melnick, Yale J. Biol. & Med. 18(1):55-58, 1945.
- Seiden, Poult. Handb.:236, 1947.
- Shaw & Bourne, J. Ec. Ent. 39:543-544, 1946.
- i U. S. War Dept. TM 5-632 (PB-2435): 34-35, 1945.
- TRAPS FOR INSECTS - FLY TRAPS, see
also TRAPS FOR INSECTS - AD-
HESIVES - FLY PAPER
- TRAPS FOR INSECTS - FLY TRAPS -
ELECTRIC
- i Symons, Water Works & Sewerage, 92:289-290, 1945.
- TRAPS FOR INSECTS - FLYPAPER
- Bennett, Chem. Specialties:274-275, 1946.
- Hanawalt, M. S. C. Vet. 5:164-165, 1945.
- TRAPS FOR INSECTS - HOPPERDOZER
- Grandfield & Throckmorton, Kans. B. 328:57, 1945.

TRAPS FOR INSECTS - JARRING

SHEET

Anand, USDA EPQ R. f. 1943/44:3, 1945.

TRAPS FOR INSECTS - LIGHT

Bradley, Cal. Mosq. Control Assoc. P. 14:72, 1946.

Bruner, Control de Plagas (Habana) 8: 60, 1946.

Hermes, Blue Anchor 24(2):35-36, 1947.

bi Hermes, Hilgardia 17:259-375, 1947.

Knowlton, Bklyn. Ent. Soc. B. 41:19, 1946.

Lasky, Ent. News 57:189-190, 1946.

i Leach & Bishop, W. Va. B. 326:23-25, 1946.

bi Lindquist & Deonier, J. Ec. Ent. 39: 11-14, 1946.

Marshall, East Fruit Grow. 8(5):17, 1945.

i McLintock, Can. J. Res. Sect. E 24: 56-60, 1946.

i Ozburn, Ent. Soc. Ont. R. 75:37-38, 44, 1945.

Pemberton, Hawaiian Sugar Planters' Assoc. R. 64, Expt. Sta. R. f. 1943/44: 21, 1945.

Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945/46: 25, 1947.

Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16:5-8, 1945; 17:4-5, 1946; 18:4-5, 1947.

i Ross, Ill. Nat. Hist. Surv. B. 24:11-12, 1947.

Severin, S. Dak. R. 58:34, 1945, 59: 17, 1946; 60:18, 1947.

Twinn, N. J. Mosq. Exterm. Assoc. P. 32:243-244, 1945.

Weathersbee, N. J. Mosq. Exterm. Assoc. P. 32:99, 1945.

Williams, Ent. Soc. Amer. Ann. 38: 357-364, 1945.

Wishart & James, Ent. Soc. Ont. R. 76:47-48, 1946.

i N. J. C. 502:16-17, 1946.

TRAPS FOR INSECTS - LIGHT - AUTO

VEHICLES

i Seaman, Mosq. News 5:79,81, 1945.

TRAPS FOR INSECTS - LIGHT - COLOR

Lindquist & Deonier, J. Ec. Ent. 39: 13-14, 1946.

bi Milne & Milne, Ent. Amer. 24:22-86, 1944, pub. 1945.

TRAPS FOR INSECTS - LIGHT - SUC-

TION

Garner, Prod. of Tob.:297-298, 1946.

Tenhet, USDA EPQ E-717:3-4, 1947.

TRAPS FOR INSECTS - LIGHT - TURN-

TABLE

i Nagel & Granovsky, J. Ec. Ent. 40: 583-586, 1947.

TRAPS FOR INSECTS - ROTARY

i Chamberlin & Lawson, Mosq. News 5:4-7, 1945.

i Stage & Chamberlin, Mosq. News 5: 8-11, 1945.

TRAPS FOR INSECTS - SOUND RECORDS

Kahn, Pests 13(5):24, 1945.

TRAPS FOR INSECTS - TRAP BOARDS

Anand, USDA EPQ R. f. 1943/44:5.

TRAPS FOR INSECTS - TRAP BOARDS

--Continued.

Armitage, Cal. Dept. Agr. B. 33:235, 1945.

Armitage et al., Cal. Dept. Agr. B. 35:195, 1947.

TRAPS FOR INSECTS - TRAP CROPS

Bondy & Rainwater, S. C. R. 58:103-104, 1946.

Brindley et al., USDA FB 1971:21, 1946.

Callenbach & Hansmeier, Mont. Ext. C. 164:2-4, 1945.

Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:50, 1947.

Fulton, N. C. Res. & Farm. 4 (Prog. R. 2):7, 1946.

Fulton, N. C. TB 85.23-24, 1947.

Gardiner, Can. Min. Agr. R. f. 1945/46. 111.

Greenwood, Conn. B. 488:346, 1945.

Holdaway, Hawaiian Acad. Sci. P. 21: 12, 1946. (Abs.)

Holdaway et al., Hawaii R. f. 1944/46. 64, 1947.

Lincoln & Isely, Assoc. South. Agr. Workers P. 44:129, 1947. (Abs.)

Mills, Mont. War C. 6 rev.:4-6, 1945.

b Shaw, J. Ec. Ent. 40:437-438, 1947.

Stuckey, Ga. R. 59:85-86, 1947.

i Saskatchewan Univ., Guide to Farm Pract. in Saskatchewan:91-92, 1945.

TRAPS FOR INSECTS - TRAP STRIPS

i Scholl & Medler, J. Ec. Ent. 40:448-450, 1947.

TRAPS FOR INSECTS - WINDOW

i Simmons, U. S. Pub. Health Rpts. Sup. 186:3-8, 1945.

TREE BANDING

Anand, USDA EPQ R. f. 1945/46:39-40.

Bess, Harvard Univ. Harvard For. B. 22:18-20,22,51-52, 1947.

i Dean, Kans. C. 234:5-7, 1946.

Parker & Lamerson, Kans. St. Hort. Soc. Bien. R. 48:70,73-75, 1945.

Smith, Cal. Ext. C. 46 rev.:42, 1947.

Mich. Ext. B. 269:28, 270:36, 1945.

TREE BANDING - CHEMICALLY

TREATED BANDS

Childs et al., Oreg. Ext. B. 663:2-3, 1946.

Garman, Conn. Pom. Soc. P. 56:170, 1946.

Graham et al., Md. Ext. B. 112:5-6, 1946.

Howard et al., USDA Misc. Pub. 526 rev.:8, 1945.

Lecrone, Okla. Ext. C. 108 rev.:18-19, 1946.

Ritcher, Ky. Fruit Notes 2(11):7-8, 1945.

Sherwood, W. Va. Ext. C. 320 rev.:23-24, 1946.

i Ohio B. 655:52-53, 1945.

i Va. Ext. B. 131 rev.:11-12, 1947.

TREE BANDING - CHEMICALLY

TREATED BANDS - DDT

Osburn, Fla. St. Hort. Soc. P. 58:156-157, 1945.

TREE BANDING - EFFECT ON BENEFICIAL INSECTS

Jaynes & Marucci, J. Ec. Ent. 40:11-12, 14-15, 1947.

TREE CRICKETS

Filinger, Kans. C. 239:19, 1947.

TREE HOPPERS, see MEMBRACIDAE

TREE INOCULATION

Morris, Can. Dept. Agr. Div. Ent. For. Ins. Invest. Bimo. Prog. R. 1(3):1, 1945.

b Roark, J. Ec. Ent. 39:36-37, 1946.

TREMEX COLUMBA (L.) (PIGEON TRE-MEX)* - PARASITES

Headstrom, Horticulture 23:260, 1945.

TREPIDARIA CIBARIA (L.) & MYIASIS
James, USDA Misc. Pub. 631:157, 1947.

TRIALEURODES FLORIDENSIS (Quaint.) (AVOCADO WHITEFLY)*

Wolfe et al., Fla. Ext. B. 129:86-87, 1946.

TRIALEURODES PACKARDI (Morrill) (STRAWBERRY WHITEFLY)*

Millis & Dewey, N. Y. (C.) Ext. B. 306 rev.:27, 1946.

Williams, Conn. Ext. B. 388:19, 1947.

TRIALEURODES VAPORARIORUM (Westw.) (GREENHOUSE WHITE-FLY)*

Bird & Mitchener, Can. Ins. Pest Rev. 24:70, 1946.

Hamilton, Natl. Chrysanthemum Soc. B. 3(2):7, 1947.

Lauderdale, Ariz. St. Ent. R. f. 1945/46 18.

Manson et al., Can. Ins. Pest Rev. 24 98, 1946, 25:103, 1947.

TRIALEURODES VAPORARIORUM - INSECTICIDES

Holdaway et al., Hawaii R. f. 1942/44. 67-70, 1945.

Roark, USDA EPQ E-721:5, 1947.

Smith et al., Chrysanthemum Soc. Amer. B. 15(2):5-6, 9-11, 1947.

TRIALEURODES VAPORARIORUM - INSECTICIDES - DDT

Holdaway, Hawaiian Ent. Soc. P. 12: 302-303, 1945.

Holdaway & Nishida, Hawaii R. f. 1944/46:60-61, 1947.

Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 31:279, 1946.

b Smith & Goodhue, J. Ec. Ent. 38:176, 178, 1945.

TRIALEURODES VAPORARIORUM - PARASITES

Burnett, Quebec Soc. Protect. Plants R. 29:84-85, 1945.

Burnett, Anat. Rec. 96:565, 1946. (Abs.)

Gardiner, Can. Min. Agr. R. f. 1945/46: 80; f. 1946/47:97.

TRIALEURODES VAPORARIORUM - PARTHENOGENESIS - FEMALE OFFSPRING

b Mittler, Amer. Nat. 80:532-546, 1946.

TRIALEURODES VARIABILIS (Quaint.)
Acuña & de Zayas, Cuba (Santiago de las Vegas) C. 85:8-9, 1946.

i Osorio, Control de Plagas 8 [i.e. 7]: 72-73, 1945.

TRIALEURODES VARIABILIS--Continued
Osorio, B. Inform. Agr. Gobierno

Prov. Las Villas 17(130):8, 1945.

TRIASPIS sp.

Annand, USDA EPQ R. f. 1943/44:24; f. 1944/45:23.

Compere, J. Ec. Ent. 39:672, 1946.

TRIASPIS VESTITICIDA Vier.

Annand, USDA EPQ R. f. 1944/45:23, f. 1945/46:22,24.

Berry, J. Ec. Ent. 40:801-804, 1947.

TRIATOMA Cast.

i Dodge, Poisonous Dwellers of the Desert 19-21, 1947.

TRIATOMA & CHAGAS' DISEASE

b Aguirre Pequeño, Kuba Rev. Med. Trop. y Parasit. 3:120-121, 1947.

bi Moseley & Miller, Arch. Int. Med. 76 219-229, 1945.

TRIATOMA GERSTAECKERI (Stål)

Mazzotti, Rev. Inst. Salub. y Enferm. Trop. Mex. 8:69-70, 1947.

Thurman, J. Ec. Ent. 38:597-598, 1945.

TRIATOMA GERSTAECKERI - GROWTH - EFFECT OF BLOOD MEALS

Thurman, J. Ec. Ent. 38:597, 1945.

TRIATOMA GERSTAECKERI & CHAGAS' DISEASE

bi Packchanian, Tex. St. J. Med. 43: 179-183, 1947.

TRIATOMA HEIDEMANNI Neiva, see TRIATOMA LECTICULARIUS (Stål)

TRIATOMA INFESTANS Klug. & CHAGAS' DISEASE

Neghme, J. Parasit. 32:209-210, 1946.

TRIATOMA LECTICULARIUS (Stål) & CHAGAS' DISEASE

bi Packchanian, Tex. St. J. Med. 43 179-183, 1947.

TRIATOMA LECTICULARIUS OCCULTA (Neiva)

Randolph, J. Ec. Ent. 39:419, 1946.

TRIATOMA LONGIPES Barber
Flock, Ariz. St. Ent. R. f. 1944.22, 1945.

TRIATOMA PROTRACTA (Uhl.)

Burgess, Ariz. R. 57:45, 1947.

i Wood, Wilcox, South. Cal. Acad. Sci. B. 44:18-19, 1945.

TRIATOMA PROTRACTA WOODI Usinger
Mazzotti, Rev. Inst. Salub. y Enferm. Trop. Mex. 8:69-70, 1947.

TRIATOMA RUBIDA (Uhl.) & MALARIA, AVIAN

bi Rivero, Medicina Rev. Mex. 27:199-204, 1947.

TRIATOMA RUBIDA UHLERI Neiva

Schuch, J. Parasit. 31:151, 1945.

TRIATOMA RUBROFASCIATA (Deg.)

Bonnet, Hawaiian Ent. Soc. P. 13:15, 1947.

Wood, Hawaiian Ent. Soc. P. 12:651, 1946.

TRIATOMA SANGUISUGA (Lec.) (BLOOD-SUCKING CONENOSE)*

b Grundemann, Kans. Ent. Soc. J. 20: 77-85, 1947.

TRIATOMA SANGUISUGA & CHAGAS' DISEASE

bi Packchanian, Tex. St. J. Med. 43: 179-183, 1947.

- TRIATOMA SANGUISUGA & ENCEPHALOMYELITIS**
Hammon & Reeves, Amer. J. Pub. Health 35:996, 1945.
- TRIATOMA UHLERI Neiva, see TRIATOMA RUBIDA UHLERI Neiva**
- TRIATOMINAE - CUBA**
Usinger, Pan-Pac. Ent. 22:19-20, 1946.
- TRIBOLIUM MacLeay**
Cotton & Frankensfeld, USDA EPQ E-677:2, 1945.
i Ostrolenk & Kramer, Baker's Digest 21:63-64, 1947.
- TRIBOLIUM - PEANUTS, SHELLED**
i Bissell & Du Pree, J. Ec. Ent. 39: 550-552, 1946.
- TRIBOLIUM sp. - PREDATORS**
Wharton & Carver, Science 104:77, 1946.
- TRIBOLIUM CASTANEUM (Hbst.) (RED FLOUR BEETLE)* (RUST-RED FLOUR BEETLE)**
Balzer & Cotton, USDA FB 1906 rev.: 5, 1947.
Cotton, Pest Control & Sanit. 2(12):12, 1947.
i Cotton et al., USDA C. 720:4,12, 1945.
Donohoe, Pests 14(10):14, 1946.
Farrar, Soybean Digest 6(2):13, 1945.
Gray, Can. Food Packer 17(11):27, 1946.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:4, 1945.
Michelbacher, Pests 15(6):12, 1947.
Van Zwaluwenburg, Hawaiian Ent. Soc. P. 12:466, 1946.
- TRIBOLIUM CASTANEUM - FECUNDITY**
Birch et al., Anat. Rec. 96:578, 1946. (Abs.)
bi Park & Davis, Ent. Soc. Amer. Ann. 38:237-244, 1945.
- TRIBOLIUM CASTANEUM - FOOD PREFERENCES**
Mickel & Standish, Minn. TB 178,20 p, 1947.
- TRIBOLIUM CASTANEUM - FUMIGANTS**
Monro, Sci. Agr. 27:270-283, 1947.
Monro & Delisle, Sci. Agr. 25:797-816, 1945; abridged in Pests 14(9):14,16-17,20-22, 1946.
Osorio, Control de Plagas 8:133,135-136, 1946.
b Richardson, J. Ec. Ent. 39:599-607, 1946.
Richardson & Walkden, J. Ec. Ent. 38: 471-477, 1945.
b Von Oettingen, U. S. Natl. Inst. Health B. 185:4,39, 1946.
- TRIBOLIUM CASTANEUM - INSECTICIDES**
Stuckey, Ga. R. 58:81-82, 1946.
- TRIBOLIUM CASTANEUM - WHEAT GRAINS**
i Birch, Ecology 28:322-324, 1947.
- TRIBOLIUM CONFUSUM Duv. (CONFUSED FLOUR BEETLE)***
i Cotton, Northw. Mill. Mill. Prod. Sect. 222(2):3a,8a, 1945.
i Cotton, Pest Control & Sanit. 2(12): 8-9,12, 1947.
Cotton & Frankensfeld, USDA EPQ E-677:2, 1945.
- TRIBOLIUM CONFUSUM--Continued.**
i Cotton et al., USDA C. 720:4,12, 1945.
Durham, Amer. Mill. 75(4):44, 1947.
Holdaway, Hawaiian Ent. Soc. P. 13: 10, 1947.
i Holmes, Baker's Digest 20(4):31,40, 1946.
Kulash, N. C. Res. & Farm. 6 (Prog. R. 1):5, 1947.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):8-9, 1946.
Michelbacher, Assoc. Oper. Mill. B., Feb. 1947:1579-1580.
Michelbacher, Pests 15(6):12, 1947.
i Smallman, Wallerstein Lab. Commun. 8:159, 1945.
- TRIBOLIUM CONFUSUM - ACTIVITY, NOCTURNAL**
Park & Noskin, Anat. Rec. 99:644, 1947. (Abs.)
- TRIBOLIUM CONFUSUM - CANADA**
Arnason et al., Can. Ins. Pest Rev. 24:90, 1946; 25:122, 1947.
Bird & Mitchener, Can. Ins. Pest Rev. 24:72, 1946.
Gauthier, Can. Ins. Pest Rev. 24:33, 1946.
Gray & Smallman, Can. Dept. Agr. Div. Ent. Processed Pub. 20:3,4, 1945.
Haas, Can. Baker 60(11/12):54, 1947.
i Smallman, Can. Grain J. 1(7):9,1946.
Thompson, Can. Ins. Pest Rev. 24:44, 1946.
Wressell, Can. Ins. Pest Rev. 24:60, 1946.
- TRIBOLIUM CONFUSUM - DUSTS - DDT**
Smallman, Amer. Mill. 73(4):64, (7): 56,58, 1945.
- TRIBOLIUM CONFUSUM - EARLY STAGES - DEVELOPMENT TIME**
bi Stanley, Ecology 27:303-314, 1946.
- TRIBOLIUM CONFUSUM - ELECTRICITY - HIGH-FREQUENCY FIELDS**
Webber et al., J. Ec. Ent. 39:493-497, 1946.
- TRIBOLIUM CONFUSUM - FECUNDITY**
Birch et al., Anat. Rec. 96:578, 1946. (Abs.)
bi Park & Davis, Ent. Soc. Amer. Ann. 38:237-244, 1945.
- TRIBOLIUM CONFUSUM - FOOD PREFERENCES**
Cotton et al., Northw. Mill. Mill. Prod. Sect. 221(7):3a,23a, 1945.
i Mickel & Standish, Minn. TB 175, 28 p., 1946; 178:3-5,15,17-20, 1947.
b Smallman, J. Ec. Ent. 38:106-110, 1945.
- TRIBOLIUM CONFUSUM - FRUIT, DRIED**
Donohoe, Pests 14(10):14, 1946.
- TRIBOLIUM CONFUSUM - FUMIGANTS**
Feiner, Internatl. Confect. 55(11):38, 40, 1945.
bi Sun, Minn. TB 177:16-29,31-40,42-44,46-64,66,68,75-81,84,87,89-92, 1947.
- TRIBOLIUM CONFUSUM - INSECTICIDES**
Annand, USDA EPQ R. f. 1946/47:9-10.

- TRIBOLIUM CONFUSUM - INSECTICIDES--Continued.**
 Cotton, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2.14-15, 1947.
 Cotton & Frankenfeld, J. Ec. Ent. 39. 420, 1946.
 Davis, Grain & Feed J. Consol. 94 233, 1945.
 Haller, Agr. Chem. 2(9):28,75, 1947.
 Molnar, Soap & Sanit. Chem. 23(7) 143, 1947.
 Srivastava & Wilson, J. Ec. Ent. 40 569-571, 1947.
- TRIBOLIUM CONFUSUM - MUTATIONS**
 b Park et al., Physiol. Zool. 18(1) 35-52, 1945.
- TRIBOLIUM CONFUSUM - PACKAGED GOODS**
 1 Gray, Can. Food Packer 17(11) 27, 1946.
 Michelbacher, Mod. Packaging 20(5) 170, 1947.
- TRIBOLIUM CONFUSUM - POPULATIONS - GROWTH**
 b1 Boyce, Ecology 27 290-302, 1946.
- TRIBOLIUM CONFUSUM - PUPAE**
 1 Daggy, Ind. Acad. Sci. P. 56 253, 1947?
- TRIBOLIUM CONFUSUM - REARING**
 Mickel & Standish, Minn. TB 175:4-5, 1946.
 Sun, Minn. TB 177 6-9, 1947.
- TRIBOLIUM CONFUSUM - RICE, STORED**
 Balzer & Cotton, USDA FB 1906 rev. 5, 1947.
- TRIBOLIUM CONFUSUM - SPRAYS**
 Campbell, R. I. R. 59 22-23, 1947.
 Davis, Northw. Mill. Mill. Prod. Sect. 221(7).14a-15a, 1945.
 Durham, Assoc. Oper. Mill. B., Oct. 1947 1626.
- TRIBOLIUM CONFUSUM - WHEAT GRAINS**
 1 Birch, Ecology 28 322-324, 1947.
- TRIBOLIUM CONFUSUM & HUMIDITY**
 1 Gray, Can. Food Packer 17(10):31, 1946.
- TRIBOLIUM CONFUSUM & TEMPERATURE**
 1 Gray, Can. Food Packer 17(10).31, 1946.
- TRIBOLIUM DESTRUCTOR (Uyttenb.) (FALSE BLACK FLOUR BEETLE)**
 Michelbacher, Assoc. Oper. Mill. B., Feb. 1947:1579-1580.
 1 Verdcourt, Mod. Packaging 21(3):150, 1947.
- TRIBOLIUM MADENS Charp. (BLACK FLOUR BEETLE)**
 Cotton et al., USDA C. 720:12, 1945.
- TRIBOLIUM MADENS - LONGEVITY**
 Park, Amer. Nat. 79:436-444, 1945.
- TRICHO CAMPUS VIMINALIS (Fall.) (EUROPEAN POPLAR SAWFLY)**
 Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:34, 1945.
- TRICHOBARIS COMPACTA Casey**
 1 Vorhies & Wehrle, Ariz. B. 203:41-42, 1946.
- TRICHOBARIS COMPACTA RETRUSA**
 Casey, see TRICHOBARIS COMPACTA Casey
- TRICHOBARIS CYLINDRICA** Casey
 Vorhies & Wehrle, Ariz. B. 203 41, 1946.
- TRICHOBARIS MUCOREA (Lec.) (TOBACCO STALK BORER)* (POTATO STALK BORER, ARIZONA)**
 Flock, Ariz. St. Ent. R. f. 1944.16, 1945.
 Lauderdale, Ariz. St. Ent. R. f. 1945/46:17.
 1 Vorhies & Wehrle, Ariz. B. 203.41, 1946.
- TRICHOBARIS TRINOTATA (Say) (POTATO STALK BORER)***
 Bissell, Ent. Soc. Amer. Ann. 38.418, 439, 1945.
 Vorhies & Wehrle, Ariz. B. 203 41, 1946.
- TRICHOCORIXA RETICULATA (Guér.)**
 Sailor, Hawaiian Ent. Soc. Proc. 12. 617-620, 1946.
- TRICHODECTES CAPRAE Gurlt, see BOVICOLA CAPRAE (Gurlt)**
- TRICHODECTES CANIS (Deg.) (DOG BITING LOUSE)***
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65.9, 1947.
 1 Westcott, Cocker Spaniel Visitor 9(9) 7, 1947.
- TRICHODECTES EQUI (L.), see BOVICOLA EQUI (L.)**
- TRICHODECTES HERMSI Kellogg & Nak. (YELLOW LOUSE)**
 Imes, Dairy Goat J. 25(6):7-8, 1947.
 Imes et al., USDA Leaf. 13 rev., 8 p., 1946.
 Parish & Rude, J. Ec. Ent. 38 612-613, 1945.
- TRICHODECTES LIMPATUS Gerv., see BOVICOLA LIMBATA (Gerv.)**
- TRICHODECTES OVIS (L.), see BOVICOLA OVIS (L.)**
- TRICHODECTES PILOSUS Gieb.**
 Twinn, Can. Dept. Agr. Div. Ent. Processed Pub. 65.8, 1947.
- TRICHODES sp.**
 Baker et al., Wash. B. 497:32,61, 1947.
- TRICHODES ORNATUS (Say) - LONGEVITY**
 Linsley & MacSwain, Pan-Pac. Ent. 22.18, 1946.
- TRICHOGORYTES Roh.**
 Pate, Bklyn. Ent. Soc. B. 41 15-17, 1946.
- TRICHOGRAMMA sp.**
 Annand, USDA EPQ R. f. 1944/45:23.
 Pickett et al., Sci. Agr. 26:597, 1946.
- TRICHOGRAMMA Westw.**
 Dugas, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19.87, 1945.
 Lévesque, For. Québécoise 11 534, 1946.
 Plank, Assoc. Téc. Azuc. Cuba. B. Ofic. 4.354-356, 1945.
 Swezey, Hawaiian Ent. Soc. P. 12:471, 1946.
- TRICHOGRAMMA EMBRYOPHAGUM (Htg.)**
 Clancy, Cal. Univ. Pub. Ent. 7:462, 1946.
- TRICHOGRAMMA EVANESCENS Westw.**
 Thompson, Oreg. St. Hort. Soc. R. 37: 104, 1945.

- TRICHOGRAMMA EVANESCENS--Continued.
Thompson, Oreg. C. Inform. 410:2, 1947.
- TRICHOGRAMMA MINUTUM Riley
Alden, Ga. Dept. Ent. B. 87:11, 1945; 90:7, 1947.
Baker & Doucette, Wash. B. 470:149, 1945.
Boyce, Quebec Soc. Protect. Plants R. 30:97, 1947.
Dugas, Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:96, 1945.
Fattig, Emory Univ. Mus. B. No. 4:4-5, 1946.
Jaynes & Marucci, J. Ec. Ent. 40:10-11, 13, 25, 1947.
Madden & Chamberlin, USDA TB 896: 48, 1945.
Plank, Asoc. Téc. Azuc. Cuba. B. Ofic. 4:354, 1945.
Plank & Bartlett, P. R. (Mayaguez) R. f. 1945:39, 1946.
i Prebble & Graham, B. C. Lumberm. 29(3):38, 1945.
Schread, Conn. B. 488:417-418, 1945.
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar in Cuba:544, 546, 1946.
- TRICHOGRAMMA MINUTUM - EFFECT OF 2,4-D
Ingram et al., J. Ec. Ent. 40:746, 1947.
- TRICHOGRAMMA MINUTUM - HAWAII
Bianchi, Hawaiian Ent. Soc. P. 12:469, 1946.
Swezey, Hawaiian Ent. Soc. P. 12:475, 1946.
Van Zwailunenburg, Hawaiian Planters' Rec. 50:12, 14, 1946.
Williams, Hawaiian Sugar Planters' Assoc. R. 65, Expt. Sta. R. f. 1944/45: 17, 1946.
- TRICHOGRAMMA PRETIOSA Riley, see TRICHOGRAMMA MINUTUM Riley
- TRICHOLIPEURUS PARALLELUS (Osb.)
see CERVICOLA PARALLELUS (Osb.)
- TRICHOLIPEURUS VIRGINIANUS (Peters)
see CERVICOLA VIRGINIANUS (Peters)
- TRICHOMALUS sp.
Baker & Doucette, Wash. B. 470:149, 1945.
- TRICHOPEPLA SEMIVITTATA (Say) - EGGS
i Esselbaugh, Ent. Soc. Amer. Ann. 39: 677-678, 1946.
- TRICHOPEPLA TAPETZELLA (L.) (CARPET MOTH)*
Holdaway et al., Hawaii R. f. 1942/44: 63, 1945.
Linsley, Pests 14(7):14, 1946.
Swezey, Hawaiian Ent. Soc. P. 12:471, 1946.
- TRICHOPLUSIA NI (Hbn.) (CABBAGE LOOPER)*
Flock, Ariz. St. Ent. R. f. 1944:17, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945/46: 18.
Leaver, R. I. Dept. Agr. & Conserv. R. 11:34, 1946.
- TRICHOPLUSIA NI--Continued.
Loftin, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1944:12, 1945.
Parker, Ariz. St. Ent. R. f. 1946/47: 26.
Stirrett, Can. Ins. Pest Rev. 25:30, 1947.
Thompson, Can. Ins. Pest Rev. 24:37, 1946.
Vorhies & Wehrle, Ariz. B. 203:26-29, 1946.
White, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:10, 1946.
Wressell, Can. Ins. Pest Rev. 24 56, 1946.
- TRICHOPLUSIA NI - AEROSOLS
Owens et al., J. Ec. Ent. 40:424, 1947.
Wene, J. Ec. Ent. 40:676, 678, 1947.
- TRICHOPLUSIA NI - DUSTS
Annand, USDA EPQ R. f. 1946/47:13.
Brunn & Allen, J. Ec. Ent. 38:392, 1945.
Burgess, Ariz. R. 57:45-46, 1947.
Gertler, USDA EPQ E-705:3, 1946.
Hayslip, Fla. R. f. 1944/45:196.
Hervey, N. Y. (G.) R. 64:35, 1946.
Ivy & Ewing, J. Ec. Ent. 40:568-569, 1947.
Ivy et al., J. Ec. Ent. 40:514-515, 517, 1947.
Kelsheimer, Fla. R. f. 1944/45:119.
Sun, N. Y. St. Col. Agr. Dept. Ent. Ent. 1:23-26, 50, 53, 69-72, 75, 79, 1946.
Tauber & Drake, Iowa St. Hort. Soc. Trans. 80:259-262, 1945.
- TRICHOPLUSIA NI - DUSTS - DDT
Apple, J. Ec. Ent. 38:410, 1945.
Hervey, N. Y. (G.) R. 65:19, 1947.
White, USDA EPQ E-642:1, 1945; E-692:4, 1946.
- TRICHOPLUSIA NI - INSECTICIDES
Bottger & Levin, USDA EPQ E-729, 23 p., 1947.
i Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev.:17-20, 1947.
Clark & Hoveland, Wis. B. 466:4-5, 1945; 472:14-16, 1947.
Kelsheimer, Fla. R. f. 1945/46:112.
i Lincoln, Ark. Ext. C. 438:5, 1945.
b Mayer et al., USDA EPQ E-709:2-16, 1946.
Roark, USDA EPQ E-721:9, 1947.
Swingle et al., USDA EPQ E-634, 23 p., 1945.
- TRICHOPLUSIA NI - INSECTICIDES - DDT
b Hockett, J. Ec. Ent. 39:185-188, 1946.
- TRICHOPODA PENNIPES (F.)
Annand, USDA EPQ R. f. 1943/44:24, 1945; f. 1944/45:23-24, 1946.
Eichmann, J. Ec. Ent. 38:112, 1945.
Hayslip, Fla. R. f. 1944/45:199.
Leaver, R. I. Dept. Agr. & Conserv. R. 11:34, 1946.
- TRICHOPIRIA CUBENSIS Fouts
Scaramuzza et al., Asoc. Téc. Azuc. Cuba P. 21:5, 1947.
- TRICHOPIRIA TABANIVORA Fouts
Bailey, Psyche 54:142, 1947.

- TRICHOPROSOPON DIGITATUM Rond. -
STRATIFICATION IN CAGES
b Bates, Ecology 28:80-81, 1947.
- TRICHOPSENINAE, TERMITOPHILOUS
ni Seevers, Pan-Pac. Ent. 21:63-72,
1945.
- TRICHOPSYLLA IRONSI Eads
ni Eads, Ent. Soc. Amer. Ann. 39:545-
548, 1946.
- TRICHOPTERA
Knowlton, Bklyn. Ent. Soc. B. 40:102,
1945.
Milne & Milne, A Multitude of Living
Things:28-43, 1947.
nik Ross, Amer. Ent. Soc. Trans. 73:
125-168, 1947.
Sprules, Toronto Univ. Studies Biol.
Ser. 56:17,20,22-23,25,28-35,39-42,
45-48,52-53,64-67,69-70,76-78, 1947.
- TRICHOPTERA - PUERTO RICO
n Denning, Ent. Soc. Amer. Ann. 40:
656-661, 1947.
- TRICHOPTERA AS FISH BAIT
i Leonard, Pa. Angler 9 [i.e. 14](1):24,
1945.
- TRICHOSTERESIS sp.
Baker & Doucette, Wash. B. 470:149,
1945.
- TRICHOTAPHE MELISSIA (Wlsm.)
Myers, USDA EPQ Ins. Pest Surv Sp.
Sup. (1947, No. 1).4.
- TRICHOTHRIPS PERGANDEI Hood, see
HOPLOTHRIIPS PERGANDEI (Hood)
- TRICLISTUS FULVIPES (Cress.)
Poos & Hetrick, J. Ec. Ent. 38:315,
1945.
- TRIDACTYLUS MINUTUS Scudd.
Knowlton, Bklyn. Ent. Soc. B. 40:169,
1946.
- TRIDENCHTHONIIDAE
nik Chamberlin & Chamberlin, Utah
Univ. B. 35(23):1-67, 1945.
- TRIDILATYDEUS Baker, T. FASTIDIUS,
T. MINUTUS
ni Baker, Mex. Esc. Nac. Cien. Biol.
An. 4:257-258, 1946.
- TRIFIDAPHIS PHASEOLI (Pass.)
Knowlton, J. Ec. Ent. 38:707, 1945.
Knowlton, Bklyn. Ent. Soc. B. 42:77,
1947.
Stearns, Del. B. 263:28, 1947.
- TRIGONA sp.
i Snyder, Wood Preserv. News 25:37-
38, 1947.
- TRIGONIDOMORPHA SJOSTEDTI Chop.
Williams, Hawaiian Ent. Soc. P. 13:29,
1947.
- TRIGONOTYLUS RUFICORNIS (Geoffr.)
Knowlton, J. Ec. Ent. 40:428, 1947.
- TRIGONURUS Muls. & Rey - OREGON,
WESTERN
Macnab & Fender, Bklyn. Ent. Soc. B.
40:79-80, 1945.
- TRIMEROTROPIS ARIZONENSIS Tink.
ni Tinkham, Amer. Mid. Nat. 38:127-
130, 1947.
- TRIMEROTROPIS GRACILIS GRACILIS
(Thos.)
Fautin, Ecol. Monog. 16:274, 1946.
- TRIMEROTROPIS PALLIDIPENNIS
PALLIDIPENNIS (Burm.)
Fautin, Ecol. Monog. 16:264-265,274,
1946.
- TRINODES HIRTUS (F.)
Linsley, Pests 14(7):16, 1946.
- TRIONYMUS sp. - PARASITES
Clancy & Pollard, J. Ec. Ent. 40:579,
1947.
- TRIONYMUS SACCHARI (Ckll.)
Barreto, Inst. Cubana de Suelos y
Abonos Inform. Técn. 5.831-833,
1946.
i Scaramuzza, in Cuba Min. Agr.
Estac. Expt. Caña de Azúcar
(Havana), Caña de Azúcar en Cuba
546-547,552, 1946.
- TRIONYMUS SACCHARI & CHLOROTIC
STREAK OF SUGARCANE
Jensen, Hawaiian Ent. Soc. P. 12:566,
1946.
- TRIOZA KOEBELEI Kirk. - TYPE
SPECIMENS
Swezey, Hawaiian Ent. Soc. P. 12:333,
1945.
- TRIOZA MAGNOLIAE (Ashm.)
i Tinoco Corona, Fitófito 4:355-360,
1945.
- TRIOZOIDA MEDIA Tuth.
n Tuthill, Pan-Pac. Ent. 23:31-32,
1947.
- TRIPHLEPS INSIDIOSUS (Say), see
ORIUS INSIDIOSUS (Say)
- TRIPLAX MACRA Lec.
Frost, Psyche 53:21, 1946.
- TRISSOLCUS MURGANTIAE Ashm.
Fullaway, Hawaiian Ent. Soc. P. 13:
13-14, 1947.
- TRITHYREUS sp.
i Dodge, Poisonous Dwellers of the
Desert 41, 1947.
- TRITNEPTIS n. sp.
McDonald, Ohio St. Univ. Abs. Doctor-
al Diss. 53:238, 1947.
- TRITNEPTIS DIPRIONIS Gahan
Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. 8:6, 1945.
- TRITNEPTIS HEMEROCAMPAE Gir.
Jaynes & Marucci, J. Ec. Ent. 40:11,
1947.
- TRITNEPTIS KLUGII (Ratz.)
Briand, Quebec Soc. Protect. Plants
R. 30:56, 1947.
DeGryse, For. Ent. in Can.:4, 1947.
Gardiner, Can. Min. Agr. R. f.1946/47:
93.
Leech, Can. Ins. Pest Rev. 25:67, 1947.
- TRITOGENAPHIS ESCALANTIS Knowlt.,
see MACROSIPHUM ESCALANTIS
(Knowlt.)
- TROCTES DIVINATORIUS (Müll.), see
LIPOSCHEILIS DIVINATORIUS (Müll.)
- TROGLODERUS Lec.
bnk La Rivers, Ent. News 57:35-44,
1946.
- TROGODERMA AJAX Casey
Linsley, Pests 14(7):14, 1946.
- TROGODERMA INCLUSA Lec., see TRO-
GODERMA VERSICOLOR (Creutz.)

- TROGODERMA ORNATA** (Say)
Gray, Pests 15(8):10,12, 1947.
Linsley, Pests 14(7):14,16, 1946.
- TROGODERMA STERNALE** Jayne
Linsley, Pests 14(7):12,14,16, 1946.
Srivastava & Wilson, J. Ec. Ent. 40:
569-571, 1947.
- TROGODERMA VERSICOLOR** (Creutz.)
(LARGER CABINET BEETLE)
Gray, Can. Food Packer 17(11):27-29,
1946.
Gray, Can. Ins. Pest Rev. 24:132,
1946.
Gray, Pests 15(8):10,12, 1947.
Farrar, Soybean Digest 6(2):13, 1945.
Linsley, Pests 14(7):12,14, 1946.
- TROMATOBIA RUFOPECTUS** (Cress.)
Blanchi, Hawaiian Ent. Soc. P. 12:
246-247, 1945.
Swezey, Hawaiian Ent. Soc. P. 12:474,
1946.
- TROMBICULA** Berl. & **TYPHUS**, SCRUB
b Mendell, Amer. J. Med. Sci. 211:9,
1946.
Wharton, J. Parasit. Sup. Dec.1945:14
(Abs.)
- TROMBICULA APLODONTIAE** Brennan
ni Brennan, J. Parasit. 32:443-444,
1946.
- TROMBICULA EPTESICI** Brennan
ni Brennan, J. Parasit. 33:247-248,
1947.
- TROMBICULA FLETCHERI** (Gater) &
TYPHUS, SCRUB
Manwaring, Cal. & West. Med. 63:210,
1945.
- TROMBICULA MICROTI** Ewing
Edminster, Ruffed Grouse:248, 1947.
- TROMBICULA MICROTI & RICKETTSIAL**
DISEASE OF VOLE
bi Baker, J. Expt. Med. 84:47-48, 1946.
- TROMBICULA MONTANENSIS** Brennan
ni Brennan, J. Parasit. 32:441-442,
1946.
- TROMBICULA SPLENDENS** Ewing
bi Farner, Ent. Soc. Wash. P. 48:32-
34, 1946.
Farner & Seaman, J. Parasit. 32:93-
94, 1946.
- TROMBICULA SPLENDENS - INSECTI-
CIDES**
b Linduska & Morton, Amer. J. Trop.
Med. 27:771-777, 1947.
Smith & Gouck, J. Ec. Ent. 40:790-
795, 1947.
- TROMBICULA SPLENDENS - MARY-
LAND**
Farner, Biol. Soc. Wash. P. 60:29-30,
1947.
- TROMBICULA SPLENDENS - REPEL-
LENTS**
Snyder & Morton, Soap & Sanit. Chem.
22(11):133,135, 1946.
- TROMBICULA WHARTONI** Ewing
MacCreary, J. Ec. Ent. 38:127, 1945.
- TROMBICULIDAE**
bnik Ewing, J. Parasit. 32:435-440,
1946.
bni Michener, Ent. Soc. Amer. Ann.
39:431-445, 1946.
bnik Wharton, J. Parasit. 33:260-264,
380-384, 1947.
- TROMBICULIDAE - REARING**
bi Jenkins, Ent. Soc. Amer. Ann. 40:
56-68, 1947.
Melvin, Ent. Soc. Amer. Ann. 39:143-
144, 1946.
- TROMBICULIDAE - RELATION TO
TROMBIDIIDAE**
Wharton, J. Parasit. 33(6 sect. 2):15-
16, 1947. (Abs.)
- TROMBICULIDAE - TAXONOMY**
ni Ewing, Biol. Soc. Wash. P. 59:21-
26, 1946.
- TROMBICULIDAE & TYPHUS**, SCRUB
bi Wharton, Ent. Soc. Wash. P. 48:
171-178, 1946.
- TROMBICULOIDES Jacot - STATUS**
Ewing, Wash. Biol. Soc. P. 59:69-70,
1946.
- TROMBIDIIDAE - RELATION TO TROM-
BICULIDAE**
Wharton, J. Parasit. 33(6 sect. 2):15-
16, 1947. (Abs.)
- TROMBIDIIDAE & DISEASE**
i Manson-Bahr, Manson's Trop. Dis.
ed. 12:945-946, 1945.
- TROMBIDIUM** sp.
Fautin, Ecol. Monog. 16:269, 1946.
- TROMBIDIUM HOLOSERICUM** (L.)
i Kaupp & Surface, Poult. Sanit. &
Dis. Control ed. 3:171-173, 1947.
- TROPAEA LUNA** (L.), see **ACTIAS
LUNA** (L.)
- TROPICAL CATTLE TICK, see BOOPH-
ILUS MICROPLUS** (Can.)
- *TROPICAL FOWL MITE, see LIPONIS-
SUS BURSA** (Berl.)
- *TROPICAL HORSE TICK, see DERMA-
CENTOR NITENS** Neum.
- *TROPICAL RAT MITE, see LIPONIS-
SUS BACOTI** (Hirst.)
- TROPICAL ROACH, see LEUCOPHAEA
MADERAE** (F.)
- TROPIDISCHIA XANTHOSTOMA** Scudd.
Guppy, B. C. Ent. Soc. P. 43:36, 1947.
- TROPISTERNUS** Sol. - **PACIFIC COAST**
i Leech, Can. Ent. 77:179-184, 1945.
- TROPISTERNUS NIMBATUS** (Say) -
PARASITES - NEMATODES
Guyol & Todd, La. Acad. Sci. P. 9:69-
70, 1945.
- TROPISTERNUS STRIOLATUS** (Lec.) -
PARASITES - NEMATODES
Guyol & Todd, La. Acad. Sci. P. 9:69-
70, 1945.
- TROPISTERNUS SUBLAEVIS** (Lec.) -
PARASITES - NEMATODES
Guyol & Todd, La. Acad. Sci. P. 9:69-
70, 1945.
- TRUCK CROP INSECTS**
Annand, USDA EPQ R. f. 1943/44:13-
15; f. 1946/47:4-8.
Fletcher et al., Rocky Mountain Conf.
Ent. R. 18:10-12, 1947.
Knowlton, Ins. Pests & Ins. Control:
1-2, 1947.
Moore & Lyle, Miss. Inform. Sheet
335,2 p., 1945.
Ryan, Los Angeles Co. Agr. Comnr.
R. f. 1944/45:9-10.
Steinweden, Cal. Dept. Agr. B. 34:184,
1946.

TRUCK CROP INSECTS - INSECTICIDES
Hyman Julius & Co., Tech. Sup. 205,
4 p., 1947.

TRUCK CROP INSECTS - INSECTI-
CIDES - DDT

Annard, USDA EPQ R. f. 1944/45.13-
15, 1946.

Creighton, Cit. Indus. 26(12).7,22,
1945.

Creighton, Fla. St. Hort. Soc. P. 58
149, 1945.

b Dudley, USDA EPQ E-715, 10 p.,
1947.

Jardine et al., USDA OES R. f. 1944/45.
60-61, 1946.

Lange & Herbert, in Cal. Agr. Expt.
Sta., Invest. with DDT in Cal. 1944
27-28, 1945.

Smith et al., J. Ec. Ent. 38 189-196,
1945.

Trullinger et al., USDA OES R. f.
1945/46 104-107, 1947.

White, USDA EPQ E-692, 17 p., 1946.

TRUCK CROP INSECTS - SURVEYS

Annard, USDA EPQ R. f. 1946, 47 36.

TRYPANOSOMIASIS. see under genus
GLOSSINA

TRYPETA LUDENS Loew, see ANAS-
TREPHA LUDENS (Loew)

TRYPETIDAE, see TEPHRITIDAE

TRYPODENDRON sp.

McGuffin & Barker, Can. Dept. Agr.
Div. Ent. For. Ins. Surv. R. f. 1946
57, 1947.

TRYPODENDRON BIVITTATUM (Kby.),
T. SCABRICOLLIS (Lec.)

Beal & Massey, Duke Univ. School
For. B. 10 107-108, 1945

TRYPOXYLON BICOLOR Smith
Pemberton, Hawaiian Planters' Rec.
50.134-135, 1946.

TRYPOXYLON CLAVATUM Say - PREY
bi Muma & Jeffers, Ent. Soc. Amer.
Ann. 38 245-255, 1945.

TRYPOXYLON PHILIPPINENSIS Ashm.
Pemberton, Hawaiian Planters' Rec.
50.129,131,133, 1946.

TRYPOXYLON POLITUM Say - PREY
bi Muma & Jeffers, Ent. Soc. Amer.
Ann. 38 245-255, 1945.

TSETSE FLIES, see GLOSSINA Wied.

*TUBER FLEA BEETLE, see EPITRIX
TUBERIS Gent.

TUBIFERA ARBUSTORUM (L.) & MYIA-
SIS

James, USDA Misc. Pub. 631 153,
1947.

TUBIFERA DIMIDIATA (Wied.) & MYIA-
SIS

James, USDA Misc. Pub. 631.152-153,
1947.

TUBIFERA TENAX (L.) (DRONE FLY)

Johnson, East. Sts. Chrysanthemum
Soc. B. 2(4):14-15, 1946.

West, Sewage Works J. 19:78-81, 1947.

TUBIFERA TENAX & LIGHT

bi Dolley & Golden, Biol. Bul. 92:178-
186, 1947.

TUBIFERA TENAX & MYIASIS

i James, USDA Misc. Pub. 631:151-
152, 1947.

TUBIFERA TENAX & TEMPERATURE
Dolley & Golden, Anat. Rec. 94 354,
1946. (Abs.) 99 673-674, 1947.

(Abs.)

TULAREMIA, see under genera AMBLY-
OMMA, CHRYSOPS, DERMACEN-
TOR, DIAMANUS, HAEMAPHYSALIS,
HALICTIDAE, RHIPICEPHALUS,
XENOPSYLLA. and FLEAS &
DISEASE - TULAREMIA, IN-
SECTS & DISEASE - TULAREMIA.

*TULE BEETLE, see AGONUM MACULI-
COLLE Dej.

*TULIP BULB APHID, see ANURAPHIS
TULIPAE (Fonsc.)

*TULIPTREE SCALE, see TOUMEYEL-
LA LIRIONDENDRI (Gmel.)

TUMBU FLY, see CORDYLOBA AN-
THROPOPHAGA Blanch.

TUMIDISCAPUS CERCOPIPHAGUS
Milliron

ni Milliron, Ent. Soc. Wash. P. 49
193-197, 1947.

TUNGA PENETRANS (L.) (CHIGOE)*
bi Andrade, Medicina Rev. Mex. 25
169-172, 1945.

Cameron, Parasites of Man ed. 2:161,
1946.

Corrington, Nature Mag. 39 222, 1946.

TUNGA PENETRANS - SPRAYS - DDT
Stage, J. Ec. Ent. 40 761-762, 1947.

TUPONIA sp.

Fautin, Ecol. Monog. 16 273, 1946.

TURF INSECTS

i Decker, Golfdom 20(3):21-22,65,
1946.

Fleming & Maines, USDA EPQ E-716
14-15, 1947.

Jennings, R. I. Misc. Pub. 26 12-19,
1945.

TURKEYS - INSECT FOOD, see INSECTS
AS FOOD OF POULTRY

TURKEYS - PESTS

b Marsden & Martin, Turkey Mangt.
ed. 4.650-652,654-655,662-663, 1946.

i Poult. Council St. Col. Wash., Wash.
Ext. B. 370 (Poult. Pointers 34), 12 p.,
1947.

TURKEYS - PESTS - INSECTICIDES -
DDT

Kingscote & Jarvis, Can. J. Compar.
Med. 10 211,218, 1946.

McNeil & Hinshaw, Cal. Cult. 92 476,
1945.

McNeil et al., Turkey World 20(11).
24-26, 1945.

*TURNIP APHID, see RHOPALOSIPHUM
PSEUDOBRASSICAE (Davis)

TURNIP INSECTS

i Bissell & Dupree, Ga. B. 254:20-21,
1947.

Goble & Thompson, Ont. Crop Impr.
Assoc. Addresses Ann. Conv. f. 1947:
141-143.

i Parks & King, Ohio Ext. B. 76 rev.:
49, 1947.

Ruffin, Ala. Ext. Handb. Ala. Agr. ed.
4:111-112, 1947.

Thompson, Ont. Dept. Agr. B. 449:9-
10, 1947.

*TURNIP MAGGOT, see HYLEMYA
FLORALIS (Fall.)

- TURNIP SEED WEEVIL, see CEUTO-
RHYNCHUS ASSIMILIS (Payk.)
TURPENTINE BORER, see BUPRESTIS
APRICANS Hbst.
TURPILIA OPACA Brunn.
Osorio, Control de Plagas 8:121, 1946.
TURRET SPIDERS, see LYCOSIDAE
TURTLES - PESTS
Bilising & Eads, J. Parasit. 33:85-86,
1947.
*TWICE-STABBED LADY BEETLE, see
CHILOCORUS STIGMA (Say)
*TWIG GIRDLER, see ONCIDERES CIN-
GULATUS (Say)
*TWIG PRUNER, see ELAPHIDION VIL-
LOSUM (F.)
*TWO-LINED CHESTNUT BORER, see
AGRILUS BILINEATUS (Web.)
*TWO-SPOTTED LADY BEETLE, see
ADALIA BIPUNCTATA (L.)
*TWO-SPOTTED SPIDER MITE, see
TETRANYCHUS BIMACULATUS
Harvey
*TWO-STRIPED GRASSHOPPER, see
MELANOPLUS BIVITTATUS (Say)
TYCHUS GRISEUS Schaeff., see TYCHI-
US STEPHENSI Schoen.
TYCHUS LINEELLUS Lec. - GENI-
TALIA - MALE
i Bruhn, Great Basin Nat. 8:18, 1947.
TYCHUS SORDIDUS Lec.
Frost, N. Y. Ent. Soc. J. 53:271, 1945.
TYCHUS STEPHENSI Schoen. (CLOVER
HEAD WEEVIL)*
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1):8.
Stirrett, Can. Ins. Pest Rev. 25:1,
1947.
TYCHUS STEPHENSI - DUSTS - EFFECT
ON RED CLOVER YIELD
Schwardt et al., J. Ec. Ent. 40:364-365,
1947.
TYDEIDAE
Baker, Ent. Soc. Wash. P. 49:133-136,
1947.
TYDEIDAE - FIG TREE
ni Baker, Mex. Esc. Nac. Cien. Biol.
An. 4:255-261, 1946.
TYDEUS DUANEI, T. HAMSENI
ni Baker, Mex. Esc. Nac. Cien. Biol.
An. 4:259-260, 1946.
TYDEUS ROBUSTUS Banks
Pickett et al., Sci. Agr. 26:597, 1946.
TYDEUS SAMPSONI Baker
ni Baker, Mex. Esc. Nac. Cien. Biol.
An. 4:258-259, 1946.
TYLIDAE - COLORADO
ni James, Ent. News 57:128-131, 1946.
TYLIDAE & MYIASIS
James, USDA Misc. Pub. 631:157, 1947.
TYLODERMA FRAGARIAE (Riley)
(STRAWBERRY CROWN BORER)*
i Colby, Ill. Ext. C. 453 rev.:49-50,
1946.
i Cummings, Amer. Nurserym. 84(6):
14, 1946.
Neiswander, Ohio St. Hort. Soc. P. 78:
154-155, 1945.
Talbert, Gen. Hort.:190-191, 1946.
Webster, Wash. Ext. B. 246 rev.:21,
1946.
TYLONOTUS BIMACULATUS Hald.
i Knull, Ohio Biol. Surv. B. 39:190,
1946.
TYPHAEA STERCOREA L. (HAIRY
FUNGUS BEETLE)
Cotton, Pest Control & Sanit. 2(12):
13, 1947.
Farrar, Soybean Digest 6(2):13, 1945.
TYPHLOCYBA Germ.
Marshall, Can. Ins. Pest Rev. 25:81,
1947.
TYPHLOCYBA FOLIOSA Knull
ni Knull, Ohio J. Sci. 45:104, 1945.
TYPHLOCYBA POMARIA McA. (WHITE
APPLE LEAFHOPPER)*
Dewey, N. Y. St. Hort. Soc. P. 92:58,
1947.
Gauthier, Can. Ins. Pest Rev. 24:30,
1946.
i Lathrop et al., Maine Ext. B. 353:11,
1947.
Mills & Dewey, N. Y. (C.) Ext. B. 711.
44, 1947.
Patterson & Neary, Can. Ins. Pest
Rev. 24:15, 1946.
Plummer, East. Fruit Grow. 9(6):40,
1946.
Ross, Can. Ins. Pest Rev. 24:47, 1946.
Ross et al., Can. Ins. Pest Rev. 25:
91, 1947.
Thompson, Can. Ins. Pest Rev. 24:41,
1946.
Va. Ext. B. 131 rev.:13, 1947.
TYPHLOCYBA POMARIA & APPLE
MEASLES
bi Dunegan & Isely, Phytopathology 35:
870-876, 1945.
TYPHLOCYBA ROSAE (L.) (ROSE LEAF-
HOPPER)*
i Boyd, N. J. Dept. Agr. C. 355:91-92,
1945.
i Cummings, Amer. Nurserym. 84(11):
16, 1946.
Wildon, Mich. Sp. B. 222 rev.:21, 1946.
TYPHLOCYBA SCIOTOENSIS Knull
ni Knull, Ohio J. Sci. 45:103, 1945.
TYPHLOCYBA ULMI (L.) & LEAF ROLL
OF POTATO
Jensen, Hawaiian Ent. Soc. P. 12:599,
1946.
TYPHOD FLY, see MUSCA DOMESTICA
L.
TYPHUS, see under genera PEDICINUS;
PEDICULUS; XENOPSYLLA; and
INSECTS & DISEASE - TYPHUS;
LICE & DISEASE - TYPHUS;
MITES & DISEASE - TYPHUS
TYPHUS, MURINE, see under genera
CTENOCEPHALIDES; ECHID-
NOPHAGA; ECHINOLAEALAPS;
LAEALAPS; LEPTOPSYLLA;
LIPONYSSUS; NOSOPSYLLUS;
POLYPLOX; XENOPSYLLA; and
FLEAS & DISEASE - TYPHUS,
MURINE
TYPHUS, SCRUB, see under genera AM-
BLYOMMA; ECHINOLAEALAPS;
EUTROMBICULA; HAEMAPHYSA-
LIS; NEOSCHONGASTIA; STIVAL-
IUS; TROMBICULA; TROMBI-
CULIDAE; and MITES & DISEASE -
TYPHUS, SCRUB

- TYPOCERUS ACUTICAUDA Casey 160,
T. DECEPTUS Knoll 162, T. LUGUBRIS (Say) 160, T. LUNATUS (F.) 161, T. SPARSUS Lec. 161, T. SINUATUS (Newm.) 162, T. VELUTINUS (Oliv.) 162, T. ZEBRA (Oliv.) 160
Knoll, Ohio Biol. Surv. 39 1946.
- TYPOPHORUS VIRIDICANEUS (Crotch) (SWEETPOTATO LEAF BEETLE)*
Harned, USDA EPQ Ins. Pest Surv. Sum. of Ins. Conditions in 1945:13-14, 1946.
Hungersford, Kans. Ent. Soc. J. 18 154-155, 1945.
Marcovitch, Tenn. B. 202:10, 1946.
Parker, Kans. Biol. R. 13:64, 1946.
Smith et al., Kans. Ent. Soc. J. 19:50, 1946; 20:56, 1947.
- TYPOPHORUS VIRIDICANEUS - FOOD & HOST PLANTS
b Parker, Kans. Ent. Soc. J. 19 11-12, 1946.
- TYROGLYPHIDAE, see ACARIDAE
TYROGLYPHUS Latr.
i Linsley & Michelbacher, Pest Control & Sanit. 1(10):12-13, 1946.
- TYROGLYPHUS & ACARIASIS
bi Sar, Amer. Rev. Tuberc. 53:440-446, 1946.
- TYROGLYPHUS AMERICANUS Banks, see TYROPHAGUS LINTNERI (Osb.)
TYROGLYPHUS FARINAE (L.), see ACARUS SIRO L.
- TYROGLYPHUS LONGIOR (Gerv.), see TYROPHAGUS LONGIOR (Gerv.)
TYROPHAGUS sp.
Crandall & Tate, Amer. Soc. Agron. J. 39:163, 1947.
- TYROPHAGUS LINTNERI (Osb.) (MUSH-ROOM MITE)*
Michelbacher, Pests 15(6):12, 1947.
Parker, Ariz. St. Ent. R. f. 1946/47:26
- TYROPHAGUS LONGIOR (Gerv.) & ACARIASIS
bi Crance, J. Urology 56:588-593, 1946.
- U. S. ARMY - TYPHUS COMMISSION
Bayne-Jones, Science 101:110, 1945.
- U. S. PUBLIC HEALTH SERVICE - COMMUNICABLE DISEASE CENTER
i Andrews, Cal. Mosq. Control Assoc. P. 15:49-73, 1947.
i Bradley & Lyman, N. J. Mosq. Exterm. Assoc. P. 34:41-50, 1947.
- U. S. PUBLIC HEALTH SERVICE - MALARIA CONTROL IN WAR AREAS PROGRAM
i Andrews, Cal. Mosq. Control Assoc. P. 15:49-52, 1947.
Boyd, N. J. Mosq. Exterm. Assoc. P. 32:129-134, 1945.
i Bradley, N. J. Mosq. Exterm. Assoc. P. 32:115-119, 1945.
b Feilton et al., N. J. Mosq. Exterm. Assoc. P. 32:223-230, 1945; 33:55-64, 1946.
Simmons, J. Ec. Ent. 39:15-17, 1946.
Vogt, N. J. Mosq. Exterm. Assoc. P. 32:251-253, 1945.
- UFENS NIGER (Ashm.)
Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:553, 1946.
- UFENS OSBORNII Doz.
Osorio, Control de Plagas 8 [i.e. 7]:62, 1945.
- *UGLY-NEST CATERPILLAR, see ARCHIPS CERASIVORANA (Fitch)
ULOCCHAETES LEONINUS Lec.
i Hardy, Victoria Nat. 2.91, 1945.
- ULTRA-VIOLET RAYS - EFFECT ON HONEYDEW
i Pletsch, Mont. B. 446:20-21, 82, 1947.
- ULTRA-VIOLET RAYS - EFFECT ON INSECTICIDES
i Andrews et al., U. S. Pub. Health Rpts. 61 451-453, 1946.
O'Kane, N. H. B. 372:32-33, 1947.
- ULTRA-VIOLET RAYS - EFFECT ON INSECTICIDES - DDT
Lindquist et al., J. Ec. Ent. 39 55-59, 1946.
Wichmann et al., Assoc. Off. Agr. Chem. J. 29:219-225, 1946.
- ULTRA-VIOLET RAYS - EFFECT ON INSECTS
Carlson & Hollaender, J. Cell. & Compar. Physiol. 26:165-173, 1945.
Carlson & Hollaender, Anat. Rec. 96 535, 1946. (Abs.)
b Horen, J. Ec. Ent. 40 433-434, 1947.
Kaufmann & Gay, Carnegie Inst. Wash. YB 44 124-125, 1945.
bi Kaufmann & Hollaender, Genetics 31:368-376, 1946.
bi Sautet et al., Rev. Can. de Biol. 6 179-210, 1947.
- ULUS HORN - POISON BAIT
i Vorhies & Wehrle, Ariz. B. 203:17-18, 1946.
- UNASPIS CITRI (Comst.) (SNOW SCALE)
i Griffiths & Thompson, J. Ec. Ent. 40:387, 1947.
Martorell, P. R. Univ. J. Agr. 29:403, 1945.
Thompson, Fla. R. f. 1945/46:155-156
- UNASPIS EUONYMI (Comst.) (EUONYMUS SCALE)*
i Baerg & Lincoln, Ark. Ext. C. 448. 13-14, 1947.
i Boyd, N. J. Dept. Agr. C. 355:96-97, 1945.
Leaver, R. I. Dept. Agr. & Conserv. R. 11.40, 1946.
- UNASPIS EUONYMI - SPRAYS
Jennings, Amer. Nurserym. 85(10). 12, 1947.
Westcott, Sun-up 2(2):10, 25, 1947.
Va. Agr. Expt. Sta. Ent. Sect., Gard. Gossip 21(11).14, 1946.
- UNDERWEAR - INSECTPROOFING, see INSECTPROOFING - CLOTHING
UNMOTTLED CURLY-DWARF OF POTATO, see AGALLIA & UNMOTTLED CURLY-DWARF OF POTATO
UNSPOTTED TENTIFORM LEAF MINER, see CALLISTO GEMINATELLA (Pack.)
- UPIS CERAMBOIDES (L.)
Peterson, Can. Ins. Pest Rev. 24:108, 1946.

- URANOTAENIA Lynch Arrblz. - MORPHOLOGY
i Dodge, Ent. Soc. Amer. Ann. 38:163-167, 1945.
- URANOTAENIA - PUERTO RICO
bik Pratt, Ent. Soc. Amer. Ann. 39: 576-584, 1946.
- URANOTAENIA - REPELLENTS
Pijoan et al., U. S. Nav. Med. Bul. 46: 1519, 1946.
- URANOTAENIA ANHYDOR Dyar - CALIFORNIA
i Seaman, Mosq. News 5:93-95, 1945.
- URANOTAENIA LOWII Theob.
Michener, Amer. Mid. Nat. 37:363, 365, 1947.
Peterson & Smith, J. Ec. Ent. 38:382, 1945.
Pritchard et al., Fla. Ent. 30:14, 1947.
b Remington, Ent. News 56:32-37, 64-68, 1945.
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:227, 1947.
- URANOTAENIA SAPPHIRINA (O.-S.)
Michener, Amer. Mid. Nat. 37:363-364, 1947.
Peterson & Smith, J. Ec. Ent. 38:382, 1945.
Pritchard et al., Fla. Ent. 30:14, 1947.
i Ross, Ill. Nat. Hist. Surv. B. 24:8, 20, 22-23, 33-34, 1947.
Shlaifer & Harding, Tenn. Acad. Sci. J. 21:255, 1946.
Wilson et al., Mosq. News 6:84, 1946.
Wylie, Fla. R. f. 1946/47:203.
- URANOTAENIA SAPPHIRINA - CORPORA ALLATA *
i Bodenstein, Conn. B. 488:400-401, 1945.
- URANOTAENIA SAPPHIRINA - LARVAL ASSOCIATES
Schmitt, N. J. Mosq. Exterm. Assoc. P. 32:207, 1945.
- URANOTAENIA SAPPHIRINA - SOUTH CAROLINA
b Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:228, 1947.
- URANOTAENIA SYNTHETA Dyer & Shan. - LARVAE
bi Porter, Amer. Mid. Nat. 35:535-537, 1946.
- URBANUS DORYSSUS (Swains.)
Freeman, Can. Ent. 77:201, 1945.
- URBANUS PROTEUS (L.) (BEAN LEAF ROLLER)*
Bottger & Levin, USDA EPQ E-738:1, 3, 6-8, 1947.
- URBANUS PROTEUS - INSECTICIDES
Bottger & Levin, USDA EPQ E-729, 23 p., 1947.
Gertler, USDA EPQ E-705:2, 1946.
Hayship, Fla. R. f. 1944/45:196.
Kelsheimer, Fla. R. f. 1944/45:120; f. 1945/46:113.
Mayer & Gahan, USDA EPQ E-646:4-5, 1945.
b Mayer et al., USDA EPQ E-709:2-16, 1946; E-725:3-10, 1947.
- URILLETA sp.
Romney, J. Ec. Ent. 39:671, 1946.
- UROGRAPHIS FASCIATA (Deg.), see GRAPHISURUS FASCIATA (Deg.)
- UROGRAPHIS HEBES Casey, see GRAPHISURUS HEBES (Casey)
- UROGRAPHIS TRIANGULIFERA (Hald.), see GRAPHISURUS GRAPHISURUS TRIANGULIFERA (Hald.)
- UROLEPIS RUFIPES (Ashm.)
Wirth, Hawaiian Ent. Soc. P. 13:29, 1947.
- UROPHORUS HUMERALIS (F.)
Barnes & Lindgren, Date Grow. Inst. R. 24:3-4, 1947.
- UROPODA sp.
i Fronk, Va. TB 108:10-11, 1947.
Kraus, Hawaiian Ent. Soc. P. 13:23, 1947.
- UROPODA sp. - INSECTICIDES - DDT
Ludwig & Page, U. S. Pub. Health Rpts. 62:76, 83, 1947.
- UTAMPHOROPHORA Knowlt., U. TIM-PANOGOS
n Knowlton, Great Basin Nat. 7.1-2, 1946.
- UTETHEISA ORNATRIX VENUSTA Dalm Plank, Assoc. Téc. Azuc. Cuba. B. Ofic. 4:354, 1945.
- VACHONIIDAE - MEXICO (YUCATAN)
nik Chamberlin, Utah Univ. B. 38(7), 15 p., 1947.
- VALLEY GRASSHOPPER, see OEDALE-ONOTUS ENIGMA (Scudd.)
- VANESSA ATALANTA (L.) (RED-ADMINISTRAL)*
Bruner, Soc. Cubana Hist. Nat. Mem. 19:26, 1947.
i Knight, Iowa Conserv. 4:139, 1945.
- VANESSA CARDUI (L.) (PAINTED-LADY)*
Bird & Mitchener, Can. Ins. Pest Rev. 24:70, 1946.
Bruner, Soc. Cubana Hist. Nat. Mem. 19:26-27, 1947.
- VANESSA CARDUI - MIGRATION
Smith & Linsley, Pan-Pac. Ent. 21: 109, 1945.
Sugden et al., Pan-Pac. Ent. 23:79-83, 1947.
- VANESSA CARDUI - PARASITES
Swezey, Hawaiian Ent. Soc. P. 13:5, 1947.
- *VARIED CARPET BEETLE, see ANTHRENUS VERBASCI (L.)
- *VARIEGATED CUTWORM, see PERIDROMA MARGARITOSA (Haw.)
- VARIEGATED LEAFHOPPER, see ERYTHRENEURA VARIABILIS Beamer
- VASATES BALLEI Nal.
Keifer, Cal. Dept. Agr. B. 33:290, 1945
- VASATES CORNUTUS (Banks) (PEACH SILVER MITE)*
Keifer, J. Ec. Ent. 39:566, 1946.
Smith, Cal. Ext. C. 98 rev. 47, 1946.
- VASATES DESTRUCTOR (Keif.) (TOMATO RUSSET MITE)*
Henney, Colo. R. 58:16-17, 1945.
Hoerner, West. Colo. Hort. Soc. Trans. f. 1944:59, 1945; f. 1945:106-107, 1946.
Holdaway, Hawaii R. f. 1942/44:61-62, 1945.
- Jardine et al., USDA OES R. f. 1943/44: 49, 1945.
- Keifer, Cal. Dept. Agr. B. 33:251, 1945.

VASATES DESTRUCTOR--Continued.

- Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1945/46 19.
VASATES DESTRUCTOR - ARIZONA
Burgess, Ariz. R. 55:50-51, 1945.
Flock, Ariz. St. Ent. R. f. 1944 17, 1945.
Lauderdale, Ariz. St. Ent. R. f. 1945/46-17.
i Vorhies & Wehrle, Ariz. B. 203.49-50, 1946.

VASATES DESTRUCTOR - INSECTICIDES

- Anderson, USDA R. Sec. f. 1947 142.
Borden, Oreg. St. Hort. Soc. R. 37 22,24, 1945.
Michelbacher et al., Agr. Chem. 2(3) 21-23,52-54,68, 1947.
Neiswander, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:74, 1947.
Neiswander, Ohio Veg. & Potato Grow. Assoc. P. 32 146-147, 1947.
Wilcox & Howland, USDA EPQ E-699 1,4,7-8, 1946.

VASATES EURYNOTUS (Nal.) (CARROT RUST MITE) (CELERY RUST MITE)

- Keifer, Cal. Dept. Agr. B. 33 252, 1945.
Ryan, Los Angeles Co. Cal. Agr. Comnr. R. f. 1944/45 6.
VASATES FOCKEUI (Nal. & Troues.)
Keifer, J. Ec. Ent. 39 566-567, 1946.
Ross, Can. Ins. Pest Rev. 24 48, 1946.
VASATES QUADRIPES Shimer (MAPLE BLADDER-GALL MITE)*
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944 33, 1945.
Thompson, Can. Ins. Pest Rev. 24 43, 1946.

VASATES SCHLECHTENDALI (Nal.) (APPLE RUST MITE)*

- Buchanan, Wash. B. 482 42, 1946.
Keifer, J. Ec. Ent. 39 565, 1946.
*VEDALIA, see RODOLIA CARDINALIS (Muls.)

VEDALIA KOEBELEI (Horn), see RODO-LIA KOEBELEI Horn

VEGETABLE INSECTS

- Annand, USDA EPQ R. f. 1943/44.13-14, f. 1944/45 13-15, 1946.
Besse, Oreg. C. Inform. 353.4-7, 1945.
Boyd, Ohio Ext. 4-H C. 130 [rev.] 15, 1945.
i Cunningham, Mo. Ext. C. 524:20-21, 1946.
Davis, Ind. Acad. Sci. P. 56.150, 1947?
Duncan, Quebec Min. Agr. R. f. 1945, 46:27-28, 1947.
Eddy, R. I. Dept. Agr. & Conserv. R. 10:49, 1945.
Farnham & Ingham, Grounds for Living 223,228-230, 1946.
Flock, Ariz. St. Ent. R. f. 1944:15-17, 1945.
Gasser, Alaska Dept. Agr. C. 5:15-16, 18, 1947.
Hall, Cargill Crop B. 21(11).11, 1946.
i Hendricks, Better Homes & Gard. 24(8):36-37, 1946.
Knutson, R. I. Dept. Agr. & Conserv. R. 12:54-55, 1947.

VEGETABLE INSECTS--Continued.

- Lauderdale, Ariz. St. Ent. R. f. 1945/46:16-18.
Leaver, R. I. Dept. Agr. & Conserv. R. 11 34, 1946.
McLaughlin, W. Va. Dept. Agr. Bien. R. 17 66-67, 1946.
Maltas, Can. Ins. Pest Rev. 24 34-35, 1946.
Martin, N. J. R. 67.40, 1947?
Moore & Lyle, Miss. Farm Res. 8(3). 6, 1945.
Petty, Ill. Veg. Grow. B. 5(2) 4-6, 1945.
Pratt et al., N. Y. (C.) Ext. B. 696:29-65, 1946, rev. 29-66, 1947.
Ruffin, Ala. Ext. Handb. Ala. Agr. ed. 4 107-112, 1947.
Schweis, Nev. St. Dept. Agr. Bien. R. f. 1944/46 23-25.
i Stiles & Hixson, Okla. Ext. C. 414, 8 p., 1945.
Whitcomb, Tomlinson & Garland, Mass. Com. Veg. Grow. Jan.10, 1945 3-4.
VEGETABLE INSECTS - AEROSOLS
i Ditman, Food Packer 26(6) 58,60,62, 1945.
b Wene, J. Ec. Ent. 40 675-679, 1947.
VEGETABLE INSECTS - AEROSOLS - DDT
i Ditman et al., Chemurg. Digest 6 94-95, 1947.
b Goodhue et al., J. Ec. Ent. 38 179-182, 1945.
VEGETABLE INSECTS - CONTROL
i Allen, Household 46(6) 14,25, 1946.
i Allen et al., Wis. Ext. C 343 rev., 8 p., 1945.
i Andersen, R. I. Ext. Mimeo. C. 45, 4 p., 1945.
Annand, New Internatl. YB 1944.296, 1945.
i Avery, Mich. Ext. Club B. H-52 15-18, 1945.
i Blasberg, Vt. Ext. C 109 rev..25-35, 1946.
Bostwick, Better Homes & Gard. 23 (11) 13, 1945.
i Brannon & Dodge, Washcoegg 23(3). 10,24, 1945.
i Bullock, Pract. Farm. f. So. ed. 2. 106-120, 1946.
i Chupp & Leiby, N. Y. (C.) Ext. B. 206 rev..90 p., 1947.
Combs, Wis. Ext. C. 372 38-39, 1947.
i Guba & Whitcomb, Mass. Ext. Leaf. 116 rev.,26 p., 1947.
Hammonds & Tabb, Farm. Handb.. 165-166, 1947.
Hawkins, Have a Victory Gard..31,33-34,37-38,42,44-48,52-53,56-57,59-60,63-64,68,70-75, 1945?
Hawkins, More Prod. Gard. 30,33,38, 43,45-48,50,55-59,65-70, 1945?
Hickey, Maine Ext. C. 230,8 p., 1947.
Holdaway, Hawaiian Acad. Sci. P. 19 3, 1945. (Abs.)
Knowlton, Utah Ext. N. S. C. 136,2 pp, 1945.

VEGETABLE INSECTS - CONTROL--

Continued.

- i Krone et al., Mich. Ext. B. 4 rev.: 36-42,44-48,50,53-55,66-68,76-79, 82,84,87-90, 1945.
- Lehker, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:24-25, 1946.
- Lincoln, Ark. Ext. Leaf. 53 rev.,8 p., 1947.
- Mitchener, Manitoba Dept. Agr. & Immigr. Pub. 198,12 p., 1945.
- Mote et al., Oreg. Ext. B. 676,12 p., 1947.
- Myers et al., N. Y. (C.) R. 57:50-51, 53-54, 1945, 58:54, 1946; 59:46, 1947.
- i Parks, Ohio Ext. 4-H C. 159,4 p., 1947.
- i Parks & King, Ohio Ext. B. 76 rev.: 3-61, 1947.
- Pepper, Pa. Ext. C. 287.10-12, 1946.
- Price, Ky. Ent. C. 435,8 p., 1947.
- Sherwood & Bishop, W. Va. Ext. C. 325 rev.:17-35, 1945.
- Shoemaker, Veg. Grow.:186,188-189, 321,445,447,449,451-463,475,485, 1947.
- Snapp et al., Amer. Assoc. Ec. Ent. Cotton Sts. Branch P. 19:17-18, 1945.
- Talbert, Gen. Hort.:360-361, 1946.
- Tissot, South. Flor. 59(5):19, 1946.
- i Trask et al., Conn. Ext. C. 381:19-24, Maine Ext. B. 344:19-24, R. I. Ext. B. 100:10-24, 1946.
- i Vorhies & Wehrle, Ariz. B. 203,50p., 1946.
- Watson, Fla. Grow. 55 [i.e. 54](9):15, 18, 1946.
- i White & Doolittle, USDA Misc. Pub. 605,30 p., 1946.
- Yerxa, Cal. Cult. 92:385,399, 1945; 93:697-724, 1946.
- Ala. Ext. C. 306 rev.:31, 1945.
- VEGETABLE INSECTS - CUBA
- Osorio, Control de Plagas 8:12-15,23-24,72-74,105-107,121-125,154-155, 157,163-165, 1946; 9:13-15, 1947.
- VEGETABLE INSECTS - DUSTS
- King & Parks, Ohio Veg. & Potato Grow. Assoc. P. 32:15-19, 1947.
- Parker, Kans. Bien. R. 13:64, 1946.
- VEGETABLE INSECTS - DUSTS - DDT
- Hamilton, South. Seedsm. 8(4):14, 1945.
- Mote, Oreg. C. Inform. 380,5 p., 1946.
- Robinson, Oreg. C. Inform. 413,3 p., 1947.
- Turner, Conn. B. 488:348-353, 1945.
- VEGETABLE INSECTS - INSECTICIDES
- i Bissell & Dupree, Ga. B. 254,21 p., 1947.
- Doner, Agr. Chem. 2(8):17-20,49, 1947.
- i Howard et al., USDA Misc. Pub. 528 rev.,56 p., 1945.
- Kelsheimer, Fla. Grow. 74(1):4, 1946.
- Kelsheimer, Fla. R. 57:119-120, 1946?
- McConnon, Food Packer 27(4):53-54, 1946.
- Manis & Shull, Ida. B. 269:31, 1947.
- Martin, N. J. R. 66:90, 1946; 67:40-41, 1947?
- Monosmith, Miss. Ext. B. 130 repr.: 24-26, 1945.

VEGETABLE INSECTS - INSECTICIDES

--Continued.

- Rosborough & Heaton, Tex. Ext. B. 70 rev.:22-23, 1947.
- Ruffin, Ala. Ext. C. 134 rev.:13-19, 1947.
- Slate, Conn. B. 484:61-62, 1945.
- White, USDA YB f. 1943/47:663-669.
- Yerxa, Cal. Cult. 93:441,459, 1946.
- Conn. Agr. Expt. Sta., Conn. Veg. Grow. Assoc. P. 32:21-22, 1945, 33: 83-84, 1946?
- Hyman, Julius & Co., Tech. Sup. 205, 4 p., 1947.
- i Mich. Ext. Folder F-84, 11 p., 1945.
- Wis. Agr. Expt. Sta., Facts about HET (Hexaethyl tetraphosphate) as an Insectic. in Wis.:2-5, 1947. (Sten. B.)
- Wis. Agr. Expt. Sta. Some Insectic. in Wis. in 1947:8-11, 1947. (Sp. C.)
- VEGETABLE INSECTS - INSECTICIDES - DDT
- Bird, West. Can. Soc. Hort. P. 3:15-16, 1947.
- i Carruth, N. Y. (G.) Farm Res. 13(3): 8-9, 1947.
- Conner, N. C. Ext. C. 291 rev.:7-8, 1947.
- Daggy, Minn. Hort. 74:68, 1946.
- Dustan, Can. Dept. Agr. Div. Ent. Processed Pub. 41,4 p., 1946.
- Fenton et al., Okla. Mimeo. C. 147:4-6, 1945.
- Gunderson, Iowa Dept. Agr. YB 46: 299-300, 1946.
- King, Mich. Ext. Folder F-93, 4 p., 1946.
- bi Leary et al., DDT & the Ins. Probl.. 100-147,159-163, 1946.
- Parks, Veg. Grow. Assoc. Amer. R. 37:127-131, 1945.
- Parks, Contact (Ga. Veg. Grow. Assoc. 12(1):2,7, 1946.
- Parks, Ohio Veg. & Potato Grow. Assoc. P. 31:127-131, 1946.
- i Parks, South. Seedsm. 10(1):12,57, 1947.
- Reiber & Stafford, Cal. C. 365:104-108, 1946.
- Ross, Can. Hort. Grow. Ed. 68:34, 1945.
- Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 37:2, 1946; 64:1, 1947.
- Ross, Can. Dept. Agr. Div. Ent. Processed Pub. 64:1, 1947.
- Stanley, Tenn. Ext. Pub. 293 rev.:14-16, 1947.
- Tate, Neb. St. Bd. Agr. R. f. 1945:431-432.
- Whitcomb et al., Mass. Ext. Sp. C. 135 rev.:3, 1947.
- VEGETABLE INSECTS - SEED BEDS
- Shull & Manis, Ida. B. 264:33-34, 1945
- *VEGETABLE WEEVIL, see LISTRODES COSTIROSTRIS OBLIQUUS Klug
- VEJOVIS BOREUS (Girard)
- Fautin, Ecol. Monog. 16:265, 1946.
- VEJOVIS SPINIGERUS (Wood)
- i Dodge, Poisonous Dwellers of the Desert:10, 1947.

- *VELVETBEAN CATERPILLAR, see
ANTICARSA GEMMATILIS (Hbn.)
- *VERBENA BUD MOTH, see ENDO-
THENIA HEBESANA (Wlkr.)
- VESPA L.
Bird & Mitchener, Can. Ins. Pest Rev.
24:73, 1946.
Dove, USDA EPQ E-673-14, 1945.
- VESPA CRABRO GERMANA Christ
(GIANT HORNET)*
i Boyd, N. J. Dept. Agr. C. 355 73-74,
1945.
Phillips, Gard. Gossip 20(6):13, 1945.
USDA EPQ Ins. Pest Surv. Sum. of
Ins. Conditions in 1944-18, 1945.
- VESPAMIMA SEQUOIAE (Hy. Edwards)
(SEQUOIA PITCH MOTH)*
Weidman & Robbins, J. For. 45:428-
433, 1947.
- VESPINAE - BIOLOGY
bi Gaul, Bklyn. Ent. Soc. B. 42:58-62,
87-96, 1947.
- VESPULA Thos.
Abbott, Nat. Hist. 54:83-84, 1945.
b Gaul, Bklyn. Ent. Soc. B. 42:58-62,
1947.
- VESPULA (DOLICHOVESPULA Roh.) -
CASTES
b Gaul, Bklyn. Ent. Soc. B. 42:58-62,
1947.
- VESPULA sp.
Leech, Can. Ent. 79:141, 1947.
- VESPULA ARENARIA (F.)
Linsley, Pests 14(7) 10, 1946.
- VESPULA DIABOLICA (Sauss.) - DUSTS -
DDT
Dove, USDA EPQ E-673:14, 1945.
- VESPULA MACULIFRONS (Buys.) -
DUSTS - DDT
Dove, USDA EPQ E-673:14, 1945.
- VESPULA PENNSYLVANICA (Sauss.)
Bohart, Hilgardia 17:294, 1947.
- VESPULA SQUAMOSA (Drury)
bi Gaul, Bklyn. Ent. Soc. B. 42:87-96,
1947.
Shappirio, Ent. News 58:18, 1947.
Shappirio, Sci. Month. 64:349, 1947.
- *VETCH BRUCHID, see BRUCHUS
BRACHIALIS Fahr.
- VETCH WEEVIL, see BRUCHUS BRA-
CHIALIS Fahr.
- VETERANS - PUBLIC HEALTH AS-
PECTS
Andrews, Cal. Mosq. Control Assoc.
P. 15:50-62, 1947.
Boyd, Natl. Malar. Soc. J. 4:147-150,
1945.
Cameron, Parasites of Man ed. 2:190-
192, 1946.
b Christianson et al., Amer. J. Pub.
Health 36:759-761, 1946.
Gjullin & Yates, Mosq. News 5:121,
127, 1945.
Hermes, Cal. Med. 67:95-98, 1947.
b Hunter & Harkema, Helminth. Soc.
Wash. P. 13:44-49, 1946.
Johnson, Amer. Mercury 63(271):97-
103, 1946.
Kntes, Ohio J. Sci. 46:219-222, 1946.
McCoy, Amer. J. Trop. Med. 26:351-
355, 1946.

- VETERANS - PUBLIC HEALTH AS-
PECTS--Continued.
b McDaniel et al., Natl. Malar. Soc. J.
5:229-231, 1946.
Martin, N. J. R. 66:87-88, 1946.
Mills et al., Mont. B. 442:17-18, 1947.
Moore et al., Natl. Malar. Soc. J. 307-
329, 1945.
Mountain, Parents' Mag. 22(8):37, 1947.
Mulhern, N. J. Mosq. Exterm. Assoc.
P. 33:90,93, 1946.
Osgood, Amer. Med. Assoc. J. 128.
512-513, 1945.
Parran, U. S. Pub. Health Serv. R. 74
[i.e. 75] f. 1945/46:337.
Pletsch, J. Lancet 66:289, 1946.
b Tager, Conn. St. Med. J. 9 858-861,
1945.
Watson, Natl. Malar. Soc. J. 4 183-
188, 1945.
Williams, U. S. Pub. Health Rpts. 60:
464-469, 1945.
Young et al., Natl. Malar. Soc. J. 4.
127-131, 1945.
b Young et al., Amer. J. Hyg. 43:326-
341, 1946.
b Young et al., Amer. J. Trop. Med.
26:477-482, 1946.
- *VICEROY, see BASILARCHIA ARCHIP-
PUS (Cram.)
- VINEGAR FLIES, see DROSOPHILA Fall.
- VINEYARD INSECTS, see GRAPE IN-
SECTS
- VINSONIA STELLIFERA (Westw.)
Martorell, P. R. Univ. J. Agr. 29 397,
1945.
Swezey, Hawaiian Ent. Soc. P. 12:376,
1945.
- VIOLACEAE - INSECTS
bi Essig, Hilgardia 17:597-617, 1947.
- *VIOLET APHID, see MICROMYZUS
VIOLAE (Perg.)
- *VIOLET SAWFLY, see AMETASTEGIA
PALLIPES (Spin.)
- VIRGULA MELEAGRIDS (L.) (LARGE
TURKEY LOUSE)*
Marsden & Martin, Turkey Mangt. ed.
4:650-652, 1946.
- VIRUS DISEASE OF BEANS, see CIRCULIFER TENELLUS & VIRUS DISEASE OF BEANS
- VIRUS DISEASE OF CABBAGE, see BREVICORYNE BRASSICAE & VIRUS DISEASE OF CABBAGE
- VIRUS DISEASE OF CELERY, see under genera APHIS: ANURAPHIS, BREVICORYNE, and APHIDS & PLANT DISEASE - VIRUS DISEASE OF CELERY
- VIRUS DISEASE OF FRUIT, see INSECTS & PLANT DISEASE - VIRUS DISEASE OF FRUIT
- VIRUS DISEASE OF INSECTS, see DISEASES OF INSECTS - VIRUS
- VIRUS DISEASE OF ONIONS, see MYZUS PERSICAE & VIRUS DISEASE OF ONIONS
- VIRUS DISEASE OF ORNAMENTAL PLANTS, see INSECTS & PLANT DISEASE - VIRUS DISEASE OF ORNAMENTAL PLANTS

- VIRUS DISEASE OF PAPAYA, see under genera APHIS; MYZUS; and APHIDS & PLANT DISEASE - VIRUS DISEASE OF PAPAYA; INSECTS & PLANT DISEASE - VIRUS DISEASE OF PAPAYA
- VIRUS DISEASE OF PEACH, see MACROSPIS TRIMACULATA & VIRUS DISEASE OF PEACH
- VIRUS DISEASE OF PLANTS, see under genera ACERATAGALLIA, APHIS, ANURAPHIS; BREVICORYNE; CAVARIELLA, CIRCULIFER; DRAECULACEPHALA, EMPOASCA, MACROSPHUM; MACROSTELIS; MYZUS, ORTHEZIA; PENTALONIA, PERKINSIELLA; RHOPALOSIPHUM; THRIPS; TOXOPTERA, and APHIDS & PLANT DISEASE - VIRUS DISEASE, INSECTS & PLANT DISEASE - VIRUS DISEASE; LEAFHOPPERS & PLANT DISEASE - VIRUS DISEASE
- VIRUS DISEASE OF POTATO, see under genera APHIS; MACROSPHUM; MACROSTELIS, MYZUS; and APHIDS & PLANT DISEASE - VIRUS DISEASE OF POTATO, INSECTS & PLANT DISEASE - VIRUS DISEASE OF POTATO
- VIRUS DISEASE OF SMALL FRUITS, see INSECTS & PLANT DISEASE - VIRUS DISEASE OF SMALL FRUITS
- VIRUS DISEASE OF SUGARCANE, see APHIS SACCHARI & VIRUS DISEASE OF SUGARCANE
- VIRUS DISEASE OF TOMATO, see FRANKLINIELLA PAUCISPINOZA & VIRUS DISEASE OF TOMATO
- VIRUS DISEASES, see INSECTS & DISEASE - VIRUS DISEASES; MOSQUITOES & DISEASE - VIRUS DISEASES
- VIRUS TUMORS OF PLANTS, see AGALLIA CONSTRICTA & VIRUS TUMORS OF PLANTS
- VITULA SERRATILINEELLA Rag. (DRIED-FRUIT MOTH)*
Condit, Fig:186-187, 1947.
Donohoe, Pests 14(9):34, 1946.
- VOLUCELLA Geoffr.
n Curran, Amer. Mus. Nov. 1361,6 p., 1947.
- VOLUCELLA sp.
Pemberton, Hawaiian Sugar Planters' Assoc. P. 66, Expt. Sta. R. f. 1945:46:23, 1947.
Williams, Hawaiian Ent. Soc. P. 13:4, 6, 1947.
- VOLUCELLA sp. near JOHNSONI (Curran)
Van Zwaluwenburg, Hawaiian Planters' Rec. 50:17, 1946.
- VOLUCELLA OBESA (F.)
Tanada et al., Hawaii R. f. 1944/46:71,73, 1947.
- VORIA RURALIS (Fall.)
Plank, P. R. (Mayaguez) R. f. 1944:26, 1945.
- VRILLETIA LAURENTINA Fall. - NEW YORK
Downie, Coleopterists' B. 1:18, 1947.
- *W-MARKED CUTWORM, see SPAELOTIS CLANDESTINA (Harr.)
- WADOTES Chamblin.
n Muma, Amer. Mus. Nov. 1334,12 p., 1947.
- WALCHIA AMERICANA Ewing
i Farner, Ent. Soc. Wash. P. 48:185-186, 1946.
- *WALKINGSTICK, see DIAPHEROMERA FEMORATA (Say)
- WALKINGSTICKS, see PHASMIDAE
- *WALNUT APHID, see CHROMAPHIS JUGLANDICOLA (Kltb.)
- *WALNUT BLISTER MITE, see ACERIA ERINEA (Nal.)
- *WALNUT CATERPILLAR, see DATANA INTEGERRIMA Grote & Rob.
- WALNUT GIRDLER, see EUZOPHERA SEMIFUNERALIS (Wlkr.)
- *WALNUT HUSK FLY, see RHAGOLETIS COMPLETA Cress.
- WALNUT INSECTS
i Batchelor et al., Cal. C. 364.21-25, 1945.
Braucher, Diamond Walnut News 28 (2):13, 1946.
Lockwood, Cal. Dept. Agr. B. 35:201-202, 1947.
bi Michelbacher, J. Ec. Ent. 38:347-355, 1945.
Steinweden, Cal. Dept. Agr. B. 34:182-183, 1946.
b Thompson, Oreg. St. Hort. Soc. P. 39.117-119, 1947.
USDA Tree Nuts Advisory Com., Rpt. & Recom. under Res. & Mktg. Act of 1946:4-5, 1947.
- WALSCHIA AMORPHELLA Clem. (CAT WILLOW MOTH)
i Brett, J. Agr. Res. 73:84, 1946.
- WAREHOUSE INSECTS
i Collins & Glasgow, J. Ec. Ent. 39:241-245, 1946.
Cotton, Inst. Food Technol. P. 6:52-53, 1945; Pests 14(10):52,54, 1946.
Tenhet, USDA EPQ E-717,5 p., 1947.
Tob. Ins. Conf. Recom. Com. Recom. Control Tob. Ins. f. 1948, Stored & Mfd. Tob.:1-3, 1947.
- WASHES - CUBE
Miller, USDA BAI R. f. 1944/45:33-34.
- WASHES - DDT
i Bishopp et al., USDA EPQ E-292 rev.,2-4, 1946.
Dove, USDA EPQ E-673:11, 1945.
Imes et al., USDA FB 909 rev.:7-8, 1947.
Morrison, Macdonald Col. J. 6(5):5, 1946.
Parish & Rude, J. Ec. Ent. 39:92-93, 1946.
- WASHES - DDT & PINE OIL (SOLUBLE)
Annand, USDA EPQ R. f. 1943/44:22, 1945.
- WASHES - DDT MIXTURES (STOCK 1235)
Parrish & Rude, Sheep & Goat Raiser 27(2):21,25, 1946.
- WASHES - DERRIS
i Bishopp et al., USDA EPQ E-292 rev.,2, 1946.
b Matthyse, N. Y. (G.) B. 832:38-39, 63, 1946.

- WASHES - DERRIS & SOAP
MacEwan & Ewen, Sci. & Pract. Can. Anim. Husb. rev.:256, 1945.
- WASHES - ROTENONE
Hixson, Okla. Ext. C. 387 rev.:9,27, 1946.
Kelly, Kans. Ext. Livestock Ins. Control in Kans.:7-9,21, 1946?
Knowlton & Sorenson, Utah Ext. N. S. C. 142:3-4, 1946.
Rowell, East. Breed. 7(9):43, 1946.
Shull, Krafts. Prod. Ec. 3(2):14-15, 1945.
Tate, Neb. St. Bd. Agr. R. f. 1945:488.
- WASHES - ROTENONE & SOAP
Imes et al., USDA FB 909 rev.:7, 1947.
Parks, Ohio Ext. B. 229 rev.:5, 1946.
- WASHES - ROTENONE & SULFUR
Morrison, Macdonald Col. J. 6(5) 5, 1946.
Tate, Neb. St. Bd. Agr. R. f. 1945:491.
- WASHES - SODIUM FLUORIDE
Davis, in Davis et al., Livestock Enterprises rev. 39, 1946.
Matthysse, N. Y. (G.) B. 832 37,61, 1946.
- WASMANNIA AUROPUNCTATA (Roger) (LITTLE FIRE ANT)*
Fernald, J. Ec. Ent. 40:428, 1947.
Osburn, J. Ec. Ent. 38:167-168, 1945.
Wolfenbarger, Fla. Ent. 29:37-39,43-44, 1947.
- WASMANNIA AUROPUNCTATA - INSECTICIDES - DDT
Osburn, Fla. St. Hort. Soc. P. 58:156-158, 1945.
Osburn & Stahler, Cit. Indus. 27(6) 3, 7,11, 1946.
Osburn & Stahler, USDA EPQ E-683, 3 p., 1946.
- WASMANNIA AUROPUNCTATA - SPRAYS
Annand, USDA EPQ R. f. 1944/45:11, f. 1945/46; f. 1946/47:12.
Wolfenbarger, Fla. R. f. 1946/47:248.
Wolfenbarger, Fla. St. Hort. Soc. P. 60:169-170, 1947.
- WASMANNIA AUROPUNCTATA - SPRAYS - DDT
Griffiths & Thompson, J. Ec. Ent. 40:386, 1947.
Thompson & Griffiths, Fla. St. Hort. Soc. P. 60:88, 1947.
- WASPS
i Dodge, Poisonous Dwellers of the Desert:24-25, 1947.
Downes, Can. Ins. Pest Rev. 24:128, 1946.
Downes et al., Can. Ins. Pest Rev. 25:84, 1947.
i Fullaway & Krauss, Common Insects of Hawaii:172-182,187-202, 1945.
i Mallis, Handb. of Pest Control:322-324, 1945.
Shappirio, Sci. Month. 64:348-350, 1947.
Stiles, Okla. Ext. C. 223 rev.:36-37, 1946?
- WASPS - ALBERTA
Strickland, Can. Ent. 79:121-130, 1947.
- WASPS - COMBS
i Chase, Sci. News Let. 50:135, 1946.
- WASPS - DISTRICT OF COLUMBIA
Shappirio, Ent. News 57:229-230, 1946.
- WASPS - HABITS & BEHAVIOR
i Headstrom, Horticulture 25:67, 1947.
i Riegel, Ent. News 57:33-34, 1946.
Woodward, Nature Mag. 39 106, 1946.
- WASPS - INSECTICIDES
Cutter, Pests 13(1):12, 1945.
- WASPS - INSECTICIDES - DDT
USDA EPQ & U. S. Pub. Health Serv., DDT for Control of Household Pests: 14, 1947.
- WASPS - LARVAE - AS FISH BAIT
Ransom, Fishing's Just Luck 53, 1945.
- WASPS - NESTS
i Gaul, Bklyn. Ent. Soc. B. 42:87-95, 1947.
i Howes, N. Y. Zool. Soc. B. 48:99-102, 1945.
Rau, Ent. Soc. Amer. Ann. 39 11-27, 1946.
- WASPS - NESTS - PAPER
Abbott, Nat. Hist. 54:83-84, 1945.
i Howes, Nat. Hist. 54:85-89, 1945.
- WASPS - PARASITES
Rau, Ent. News 57 195-196, 1946.
- WASPS - PREY
Bromley, N. Y. Ent. Soc. J. 53:146-147, 1945.
Grant, J. Ent. & Zool. 38:46-47, 1946.
- WASPS - SEX
bi Whiting, J. Hered. 38:11-20, 1947.
- WASPS - TRAPS
Guyton, Pa. Game News 17(1):13,1946.
- WASPS, MUD-DAUBING
i Headstrom, Horticulture 25 41, 1947.
- WASPS, SOLITARY - HABITS & BEHAVIOR
Fernald, Ent. Soc. Amer. Ann. 38. 458-460, 1945.
Rau, Bklyn. Ent. Soc. B. 41:10-11, 1946.
- WATER STRIDERS, see GERRIDAE
- WATER SUPPLIES - DDT
Carollo, Amer. Waterworks Assoc. J. 37:1310-1317, 1945.
Dowden et al., USDA EPQ E-663:10, 1945.
bi Flentje, Amer. Water Works Assoc. J. 37 1194-1203, 1945.
Jordan, Amer. Waterworks Assoc. J. 37 1317, 1945.
- *WATERCRESS SOWBUG, see MANCASSSELLUS BRACHYURUS Harger
- *WATERLILY LEAF BEETLE, see GALERUCELLA NYMPHAEAE (L.)
- *WAX MOTH, see GALLERIA MELLONELLA (L.)
- WEATHER & HONEY PRODUCTION
bi Jorgensen & Markham, Mich. Sp. B. 340,22 p., 1946.
Parker, Kans. Blen. R. 13:58, 1946.
- WEATHER & INSECTICIDES
Kearns, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:75-76, 1947.
Monro & Delisle, Sci. Agr. 25:813, 1945.
Steiner et al., Ind. Hort. Soc. Trans. 85:30, 1946; 86:84-85, 1947.
Watkins et al., N. Y. (C.) R. 59:118, 1947.

WEATHER & INSECTICIDES--Continued.
 Whitcomb, Natl. Shade Tree Conf. P. 22:141-143, 1946.
 Williams, Conn. Ext. B. 377:20, 1946.
 USDA EPQ et al., Cotton Ins. Control Conf. (Stoneville, Miss. Nov. 17-19) R.2, 1947.
WEATHER & INSECTICIDES, see also WIND VELOCITY & INSECTICIDES
WEATHER & INSECTICIDES - AIR CURRENTS
 i Dustan et al., Can. Ent. 79:45-50, 1947.
WEATHER & INSECTICIDES - DDT
 Dowden, USDA EPQ E-726:6, 1947.
 Fay et al., U. S. Pub. Health Rpts. Sup. 186:32-34, 1945.
 Madden et al., J. Ec. Ent. 39:465-466, 1946.
 Yuill et al., Cal. Mosq. Control Assoc. P. 14:47-52, 1946.
 Yust, J. Ec. Ent. 40:764,767, 1947.
 U. S. War Dept. TB Med 194(PB-2436): 27, 1945.
WEATHER & INSECTICIDES - RAINFALL
 Chapman, Pa. St. Hort. Assoc. P. 88. 80-81, 1947.
WEATHER & INSECTICIDES - RAINFALL & DDT INJURY
 Dudley, USDA EPQ E-715:5-9, 1947.
WEATHER & INSECTICIDES - RAINFALL & POISON BAIT
 Walton & Whitehead, J. Ec. Ent. 38: 457, 1945.
WEATHER & INSECTS
 Alexander, Mass. B. 436:33-34, 1946.
 Annand, USDA EPQ R. f. 1944/45:40-41, f. 1945/46:35-36.
 Annand, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:35-38, 1946.
 Atkins & Dahms, USDA TB 901:3-6, 1945.
 Beal & Massey, Duke Univ. School For. B. 10:23-29, 1945.
 Bird, Can. Ent. 79:9, 1947.
 Chandler, Ill. B. 519:301-302, 1946.
 Cole, U. S. Pub. Health Rpts. 61:1479-1481, 1946.
 Curry, N. Mex. R. 57:29-30, 1947?
 Davis, Ind. Acad. Sci. P. 56:147-148, 1947?
 Dean et al., Kans. Ent. Soc. J. 18:85-98, 1945.
 Deay, Ind. R. 59:10, 1946.
 Dewey, N. Y. St. Hort. Soc. P. 90:34-35, 1945.
 Dirks, Maine B. 442:299-302, 1946.
 bi Dowdy, Ecology 28:419-421, 1947.
 Drake & Harris, Iowa R. f. 1945/46 pt. 2:55-56.
 i Eddy, Anim. Kingdom 48:176-181, 1945.
 Edwards & Porter, J. Ec. Ent. 38:613-614, 1945.
 Gibson, Ohio J. Sci. 47:42-43, 1947.
 Gorham, Ent. Soc. Ont. R. 75:19-20, 1945.
 Hawkins et al., Maine B. 449:294-295, 1947.
 Herms, Hilgardia 17:360,365,367-368, 1947.
 b Hill, Kans. Ent. Soc. J. 20:88-92, 1947.

WEATHER & INSECTS--Continued.
 Hopping & Mathers, For. Chron. 21: 100-102, 1945.
 Hockett, N. Y. (G.) B. 713:3-5,14-18, 27, 1945.
 Jamieson, Can. Bee J. 53:137-139, 1945.
 bi Jones, Amer. Mid. Nat. 35:174-192, 1946.
 Lejeune & Filuk, Can. Ent. 79:155-160, 1947.
 Marcovitch & Stanley, Tenn. R. 59:90, 1947.
 Matthyse, N. Y. (G.) B. 832:8-9, 1946.
 Mills et al., Mont. B. 425:5,8-9, 1945.
 Mulhern, N. J. Mosq. Exterm. Assoc. P. 33:90-91, 1946.
 Parker & Eshbaugh, J. Ec. Ent. 40: 861-862, 1947.
 Parman, J. Ec. Ent. 38:68-76, 1945.
 Rees, Salt Lake City Mosq. Abatement Dist. R. Sum. 16:4, 1945; 17: 3-4, 1946; 18:3-4, 1947.
 Rempel & Arnason, Sci. Agr. 27:434-435,438,440, 1947.
 Rice, Amer. Mid. Nat. 35:157-167, 1946.
 Rockwood et al., USDA TB 928:15-16, 1947.
 Rumreich, U. S. Pub. Health Rpts. 60: 898-900, 1945.
 b Schneirla, Amer. Mus. Nov. 1336, 20 p., 1947.
 bi Seamans, Sci. Agr. 25:432-457,1945
 Simpson & Shands, Maine B. 438:522, 1945.
 Smith et al., Kans. Ent. Soc. J. 19:37-52, 1946, 20:41-45, 1947.
 Steiner, J. Ec. Ent. 38:116-117, 1945.
 Steiner, Va. Fruit 34:136-138, 1946.
 Trapido, Amer. J. Trop. Med. 26:387-390, 1946.
 Vance, Amer. Assoc. Ec. Ent. N. Cent. Sts. Branch P. 2:34, 1947.
 i Weilacher, Gleanings Bee Cult. 75: 528-529,564, 1947.
 b Wellington, Can. Ent. 77:7-15,21-28, 44-49, 1945.
 b Wellington & Henson, Can. Ent. 79: 168-170,195, 1947.
 Whitcomb, Mass. Fruit Grow. Assoc. R. 52:196-197, 1946.
 bi Yust, J. Ec. Ent. 40:763-764, 1947.
WEATHER & INSECTS, see also CLIMATE & INSECTS; HUMIDITY & INSECTS; RAINFALL & INSECTS; TEMPERATURE & INSECTS; WIND VELOCITY & INSECTS
WEATHER & INSECTS - DROUGHT
 Bick & Penn, Ent. Soc. Amer. Ann. 40:82-86, 1947.
***WEBBING CLOTHES MOTH, see TINEOLA BISSELLIELLA (Hum.)**
WEEDS AS INSECT HOSTS
 Annand, USDA EPQ R. f. 1944/45:23, 1946.
 Dietz, DuPont & Co. Agr. News Letter 13:3-4, 1945.
 i Needham, Natl. Geog. Mag. 90:340-356, 1946.
 i Schwing, Spreckels Sugar Beet Bul. 11:12-13, 1947.

WEEDS AS INSECT HOSTS--Continued.
Shands et al., Maine B. 449:287-290,
1947.

Simpson & Shands, Maine B. 438:517-
519,581, 1945; 442:128-133, 1946.

i Simpson et al., Maine Ext. B. 333,
20 p., 1945.

Smith, Ent. Soc. Wash. P. 49:169-170,
1947.

bi Steinbauer & Steinmetz, Maine Misc.
Pub. 602,22 p., 1945.

Steiner, J. Ec. Ent. 38:117-119, 1945.
b Woodside, J. Ec. Ent. 40:231-233,
1947.

Woodside, Va. Fruit 35(8):14-15, 1947.
Woodside, Va. R. f. 1946/47:32-33.

WEEDS AS INSECT HOSTS, see also
BIOLOGICAL CONTROL OF
WEEDS

WEEDS AS INSECT HOSTS - EFFECT
OF RODENT FEEDING

bi Piemeisel, USDA C. 739,48 p., 1945.

WEEDS AS INSECT HOSTS - ERADICA-
TION

Steinbauer & Steinmetz, Maine B. 438
525-526, 1945.

WEEVILS - FUMIGATION
Ga. Coastal Plain Mimeo. Paper 43,
2 p., 1945.

WEEVILS - LARVAE
Anderson, Ent. Soc. Wash. P. 47:52,
1945. (Abs.)

WEEVILS - LARVAE - ANATOMY -
TERMINOLOGY

i Anderson, Ent. Soc. Wash. P. 49:123-
132, 1947.

WEEVILS - NUTS
Talbert, Gen. Hort.:343-344, 1946.

WEEVILS - STORED CORN
English, Ala. R. 54/55.29, 1946.

Trullinger et al., USDA OES R. f.
1945/46.111, 1947.

WEEVILS ON EVERGREENS
i Cummings, Amer. Nurserym. 82(4).
14-15, 1945.

*WEST INDIAN FRUIT FLY, see ANAS-
TREPHEA MOMBINPRAEOPHTANS
Sein

WEST INDIAN SUGARCANE FULGORID,
see SACCHAROSYDNE SACCHA-
RIVORA (Westw.)

WEST INDIAN SUGARCANE MITE, see
TARSONEMUS BANCROFTI
Michael

*WEST INDIAN SWEETPOTATO WEEVIL,
see EUSCEPES POSTFASCIATUS
(Fairm.)

*WESTERN BALSAM BARK BEETLE,
see DRYOCOETES CONFUSUS
Swaine

*WESTERN BLACK FLEA BEETLE, see
PHYLLOTRETA PUSILLA Horn

*WESTERN CHICKEN FLEA, see CERA-
TOPHYLLUS NIGER Fox

*WESTERN CHINCH BUG, see BLISSUS
OCCIDUUS Barber

WESTERN CORN ROOTWORM, see DIA-
BROTICA VIRGIFERA Lec.

*WESTERN FIELD WIREWORM, see
LIMONIUS INFUSCATUS Mots.

WESTERN FLATHEADED BORER, see
CHRYSOBOTHRIS MAIL Horn

*WESTERN GRAPE LEAF SKELETON-
IZER, see HARRISINA BRILLIANS
Barnes & McD.

*WESTERN HARVESTER ANT, see PO-
GONOMYRMEX OCCIDENTALIS
(Cress.)

WESTERN LEAF-FOOTED PLANT BUG,
see LEPTOGLOSSUS ZONATUS
(Dall.)

WESTERN PARSLEY BUTTERFLY, see
PAPILIO ZELICAON Lucas

WESTERN PEACH TREE BORER, see
SANNINOIDEA EXITIOSA GRAEFI
(Hy. Edwards)

*WESTERN PINE BEETLE, see DEN-
DROCTONUS BREVICOMIS Lec.

WESTERN PLANT BUG, see LYGUS
HESPERUS Knegt.

*WESTERN POTATO FLEA BEETLE,
see EPITRIX SUBCRINITA (Lec.)

WESTERN POWDER-POST BEETLE,
see LYCTUS CAVICOLLIS Lec.

*WESTERN RASPBERRY FRUITWORM,
see BYTURUS BAKERI Barber

*WESTERN SPOTTED CUCUMBER
BEETLE, see DIABROTICA UN-
DECIMPUNCTATA Mann.

WESTERN SPRUCE BARK BEETLE, see
DENDROCTONUS BOREALIS Hopk.

*WESTERN STRIPED CUCUMBER
BEETLE, see ACALYMMA TRI-
VITTATA (Mann.)

WESTERN SUGARCANE BORER, see
CHILO LOFTINI Dyar

*WESTERN TENT CATERPILLAR, see
MALACOSOMA PLUVIALE (Dyar)

*WESTERN TREE-HOLE MOSQUITO,
see AEDES VARIPALPUS (Coq.)

*WESTERN TUSsock MOTH, see HEM-
EROCAMPA VETUSTA (Bdvl.)

WESTERN TWIG BORER, see AMPHICE-
RUS CORNUTUS (Pallas)

WESTERN WHEAT APHID, BRACHYCO-
LUS TRITICI (Gill.)

WESTERN WILLOW LEAF BEETLE, see
GALERUCELLA DECORA (Say)

*WESTERN YELLOW-STRIPED ARMY-
WORM, see PRODENIA PRAEFICA
Grote

WETTING AGENTS, see DIPS - ADJU-
VANTS - WETTING AGENTS,
SPRAY ADJUVANTS - WETTING
AGENTS

*WHARF BORER, see NACERDES MEL-
ANURA (L.)

*WHEAT HEAD ARMYWORM, see PRO-
TOLEUCANIA ALBILINEA (Hbn.)

WHEAT INSECTS
Dean, J. Ec. Ent. 40:751, 1947.

Houser, Ohio Bimo. B. 30:164-166,
1945.

Knowlton, J. Ec. Ent. 40:754-755, 1947.

Mills et al., Mont. B. 425:18-20, 1945.

i Parks, Ohio Bimo. B. 31:117-118,
1946.

WHEAT INSECTS - RESISTANT PLANTS
Cartwright, Amer. Assoc. Econ. Ent.
N. Cent. Sts. Branch P. 25:83, 1946.

WHEAT INSECTS - STORED WHEAT
i Birch, Ecology 28:322-324, 1947.

*WHEAT JOINTWORM, see HARMOLITA
TRITICI (Fitch)

- *WHEAT MIDGE, see SITODIPLSIS MOSELLANA (Gehin)
- *WHEAT STEM MAGGOT, see MERO-MYZA AMERICANA Fitch
- *WHEAT STEM SAWFLY, see CEPHUS CINCTUS Nort.
- *WHEAT STRAW-WORM, see HARMOLITA GRANDIS (Riley)
- WHEAT TIGER MOTH, see CALLARCTIA BLAKEI (Grote)
- WHEAT WHITE GRUB, see PHYLLOPHAGA LANCEOLATA (Say)
- *WHEAT WIREWORM, see AGRIOTES MANCUS (Say)
- *WHEEL BUG, see ARILUS CRISTATUS (L.)
- WHIP SCORPIONS - PHOTOGRAPHY
i Eddy, Anim. Kingdom 49:187-188, 1946.
- *WHITE APPLE LEAFHOPPER, see TYPHLOCYBA POMARIA McA.
- *WHITE CUTWORM, see EUXOA SCANDENS (Riley)
- WHITE FLIES, see WHITEFLIES
- *WHITE-FRINGED BEETLE, see GRAPHOGNATHUS LEUCOLOMA (Boh.)
- WHITE-FRINGED BEETLES, see GRAPHOGNATHUS Buch.
- WHITE GRUBS
Annand, USDA EPQ R. f. 1946/47:8-9.
i Colby, Ill. Ext. C. 453 rev.46, 1946.
Dean et al., Kans. Ent. Soc. J. 18:97, 1945.
Gardiner, Can. Min. Agr. R. f. 1944/45: 56; f. 1945/46:64; f. 1946/47:79,87.
Houser, Amer. Assoc. Econ. Ent. N. Cent. Sts. Branch P. 25:81, 1946.
i Lincoln, Ark. Ext. C. 438:10, 1945.
Neiswander, Ohio B. 659:44-45,160, 1945.
Sherwood & Bishop, W. Va. Ext. C. 325 rev.:11, 1945.
i Shull & Mams, Ida. Ext. B. 150:7-8, 1945.
i Vorhies & Wehrle, Ariz. B. 203:21-24, 1946.
Wildon, Mich. Sp. B. 222 rev.:22, 1946.
Williams, Conn. Ext. B. 388:19, 1947.
i U. S. War Dept. TM 5-632 (PB-2435): 106-108, 1945.
- WHITE GRUBS, see also PHYLLOPHAGA
- WHITE GRUBS - CITRUS
Osorio, Control de Plagas 8 [i.e. 7]. 61-63, 1945.
- WHITE GRUBS - CONTROL, CULTURAL
Ellis, Ark. B. 464:9-10, 1946.
i Krone et al., Mich. Ext. B. 4 rev.: 39, 1945.
Ross & Garlick, Can. Dept. Agr. Div. Ent. Processed Pub. 44:5, 1946.
- WHITE GRUBS - GLADIOLUS
Granovsky, Minn. Hort. 75:37, 1947.
- WHITE GRUBS - PEANUTS
bi Grayson, Va. TB 109,12 p., 1947.
- WHITE GRUBS - RASPBERRIES
Slate et al., N. Y. (G.) C. 153 rev.:61, 1945.
- WHITE GRUBS - SUGARCANE
i Scaramuzza, in Cuba Min. Agr. Estac. Expt. Caña de Azúcar (Havana), Caña de Azúcar en Cuba:534,536,539,541, 1946.
- WHITE GRUBS - VIRGINIA (SOUTH-EASTERN)
Grayson, Va. Acad. Sci. P. 25:78, 1947. (Abs.)
- *WHITE-LINED SPHINX, see CELERIO LINEATA (F.)
- *WHITE-MARKED SPIDER BEETLE, see PTINUS FUR L.
- *WHITE-MARKED TUSSOCK MOTH, see HEMEROCAMPA LEUCOSTIGMA (Abbott & Smith)
- *WHITE PEACH SCALE, see PSEUDAU-LACASPIS PENTAGONA (Targ.)
- *WHITE-PINE APHID, see CINARA STROBI (Fitch)
- *WHITE-PINE SAWFLY, see NEODIPRION PINETUM (Nort.)
- WHITE PINE TWIG DROOP, see PEN-EUS sp. & WHITE PINE TWIG DROOP
- *WHITE-PINE WEEVIL, see PISSODES STROBI (Peck)
- WHITE-SHOULDERED HOUSE MOTH, see ENDROSIS SARCITRELLA (L.)
- WHITE-SPOTTED BLISTER BEETLE, see EPICAUTA PARDALIS Lec.
- *WHITE-SPOTTED SAWYER, see MONOCHAMUS SCUTELLATUS (Say)
- WHITE-TRIANGLE LEAF ROLLER, see ADOXOPHYES PERSICANA (Fitch)
- WHITEFLIES
i Holley, N. H. B. 359.13, 1945.
Laurie & Kiplinger, Gard. & Green-house Chrysanthemums.61, 1946.
Lyle, Miss. Inform. Sheet 344:2, 1945
- WHITEFLIES, see also ALEYRODIDAE
- WHITEFLIES - INSECTICIDES
Godfrey, Can. Dept. Agr. Pub. 798 (FB 145).11-12, 1947.
Lyle, Miss. Farm Res. 8(6):8, 1945.
Smith et al., Agr. Chem. 2(12):61, 1947.
- WILDLIFE - PESTS
bi Shaw, Oreg. TB 11,6 p., 1947.
- WILLAMETTE MITE, see TETRANYCHUS FLAVUS Ewing
- WILLIAMS TIGER MOTH, see APAN-TESIS WILLIAMSI Dodge
- *WILLOW FLEA WEEVIL, see RHYN-CHAENUS RUFIPE (Lec.)
- WILLOW INSECTS - LEAFBEETLE, unidentified sp.
Atwood, Can. Dept. Agr. Div. Ent. For. Ins. Surv. R. f. 1944:34, 1945.
- WILLOW INSECTS - SAWFLY, unidenti-fied sp.
Steinweden, Cal. Dept. Agr. B. 35: 207, 1947.
- WILLOW LEAF WEBBER, see CHARA-COMA NILOTICA (Rogenh.)
- *WILLOW SAWFLY, see NEMATUS VENTRALIS Say
- WILT, SPOTTED, see under genus FRANKLINIELLA
- WILT OF PINEAPPLE, see under genus PSEUDOCOCCUS; and ANTS & PLANT DISEASE - WILT OF PINEAPPLE; INSECTS & PLANT DISEASE - WILT OF PINEAPPLE; MEALYBUGS & PLANT DISEASE - WILT OF PINEAPPLE

- WILT OF TOMATO, SPOTTED, see
THRIPS & PLANT DISEASE -
WILT OF TOMATO, SPOTTED
- WIND VELOCITY & INSECTICIDES
Dean & Chapman, N. Y. (G.) B. 716:
28-30,33,35,40, 1946.
Dustan et al., Sci. Agr. 26:120, 1946.
Latta, J. Ec. Ent. 39:615-616, 1946.
- WIND VELOCITY & INSECTS
Romney, Ecology 26:138-147, 1945.
- *WING LOUSE, see LIPERUS CAPONIS
(L.)
- WINGS OF INSECTS
i Forbes, Ent. News 56:242-243, 1945.
Grant, Ent. News 56:243-245, 1945.
bi Hovanitz, Ent. Soc. Amer. Ann. 38:
482-502, 1945.
Villev, Amer. Nat. 80:280-283, 1946.
b White, Amer. Nat. 80:245-270, 1946.
- WINGS OF INSECTS - COLOR
bi Goldschmidt, Quart. Rev. Biol. 20:
147-164,205-230, 1945.
McDunnough, Can. Ent. 77:145-150,
1945.
- WINGS OF INSECTS - DIMORPHISM
bi Friedland & Harnly, Biol. B. 88:
247-253, 1946.
- WINGS OF INSECTS - TEXTILE DE-
SIGNS
i Nature Mag. 39:31-32, 1946.
- WINGS OF INSECTS - VENATION
i Frost, Ent. News 56:104-106, 1945.
- WINTER HORSE TICK, see DERMACEN-
TOR ALBIPICUS (Pack.)
- *WINTER TICK, see DERMACENTOR
ALBIPICUS (Pack.)
- WINTHEMIA sp.
Shaw, J. Ec. Ent. 40:436-437, 1947.
- WINTHEMIA FUMIFERANAE Toth.
Coppel, Ent. Soc. Ont. R. 77:40, 1947.
Wilkes & Anderson, Ent. Soc. Ont. R.
77 41,43, 1947.
- WINTHEMIA QUADRIPUSTULATA (F.)
Madden & Chamberlin, USDA TB 896
48, 1945.
i Walton & Packard, USDA FB 1850
rev..7, 1947.
- WINTHEMIA TIBIALIS Reinh.
Sabrosky, Ent. Soc. Wash. P. 49-249,
1947.
- WIREWORMS
Davis, Ind. Acad. Sci. P. 56:149, 1947?
Krone et al., Mich. Ext. B. 4 rev.:39,
1945.
Lane et al., Wash. B. 470:84-85, 1945.
i Marcovitch, Tenn. B. 202:10-11,1946
i Muma, Neb. Ext. C. 1537:6, 1946.
Nettles et al., S. C. Ext. B. 109:37-38,
1947.
b Post et al., N. Dak. Bimo. B. 10:26-
31, 1947.
Price, Ky. Ext. C. 437:8, 1947.
Ryan, Los Angeles Co. Cal. Agr.
Commr. R. f. 1944/45:10; f. 1945/46:
19.
i Shull & Manis, Ida. Ext. B. 150:3-4,
1945.
Smith et al., Kans. Ent. Soc. J. 19:51,
1946; 20:57, 1947.
Tenhet, Pest Control & Sanit. 2(1):24,
1947.
- WIREWORMS - CANADA
Arnason et al., Can. Ins. Pest Rev.
24:86, 1946.
Downes, Can. Ins. Pest Rev. 24:127,
1946.
Downes et al., Can. Ins. Pest Rev. 25:
13-15, 1947.
Gardiner, Can. Min. Agr. R. f.1945/46:
66, f. 1946/47:78,82.
Manson et al., Can. Ins. Pest Rev. 24:
93,96, 1946.
Strickland, in Alberta Univ. Faculty
Agr. B. 46:61-62, 1946.
Twinn, Can. Ins. Pest Rev. 23:1, 1945
Ward & Muirhead, B. C. Dept. Agr. R.
41:W107,W164, 1947.
Ward & Travis, B. C. Dept. Agr. R.
40.V78,V156, 1946.
Wilson, Alberta Dept. Agr. R. f. 1944:
23, 1945, f. 1945.20, 1946.
Wressell, Can. Ins. Pest Rev. 24:54,
1946.
- WIREWORMS - CONNECTICUT
Slate, Conn. B. 484.64, 1945.
Slate, Conn. R. f. 1944/45.50-51;
f. 1945/46:7-8.
Turner, Conn. Veg. Grow. Assoc. P.
35.59, 1947.
Conn. Agr. Expt. Sta. Conn. Veg. Grow.
Assoc. P. 32 22, 1945; 33.84,1946?
34.94-95, 1946.
- WIREWORMS - CONTROL, CULTURAL
Bynum et al., Sugar Bul. 23 191,1945.
Greenwood, Conn. B. 473.14-16, 1946.
b Shirck, J. Ec. Ent. 38:627-633, 1945
Shirck et al., Ida. Ext. C. 89,3 p., 1946
Saskatchewan Univ., Guide to Farm
Pract. in Saskatchewan.87-88, 1945.
- WIREWORMS - FEEDING HABITS
Beard, Conn. B. 501:98-99, 1946.
- WIREWORMS - FLORIDA
Wilson, Fla. St. Hort. Soc. P. 59 103-
106, 1946.
Wolfenbarger, Fla. St. Hort. Soc. P.
60 116-121, 1947.
- WIREWORMS - GLADIOLUS
Granovsky, Minn. Hort. 75.37, 1947.
- WIREWORMS - INSECTICIDES
b Arnason et al., Can. Ent. 79:174-
180, 1947.
i Crane, Spreckels Sugar Beet Bul. 9
12-13, 1946.
Greenwood, J. Ec. Ent. 40:724-727,
1947.
i Howland, Better Homes & Gard. 25
(6).27, 1947.
Pepper et al., Hints to Potato Grow.
27(5):1-2, 1946.
Salter, USDA PISAE R. f. 1946/47:49.
- WIREWORMS - INSECTICIDES, see also
WIREWORMS - SOIL TREATMENT
- WIREWORMS - LOSSES CAUSED BY
Arnason & McDonald, Saskatch. Dept.
Agr. R. 42:91-92, 1947.
- WIREWORMS - MIGRATION IN SOIL
Tomes & Brian, Sci. News Let. 50:
344, 1946.
- WIREWORMS - POPULATIONS - IDAHO
b Shirck, J. Ec. Ent. 38:627-633, 1945.
- WIREWORMS - POPULATIONS - MEA-
SUREMENT
b Finney, Biometrics Bul. 2:1-7, 1946.

WIREWORMS - POTATOES

Greenwood, Conn. B. 501:96-98, 1946.
Werner, Neb. B. 384:73,78, 1947.

WIREWORMS - SOIL TREATMENT

Annand, USDA EPQ R. f. 1943/44:14;
f. 1946/47:6-7.

Cook & Lane, USDA EPQ ET-236,
6 p., 1947.

b Kulash, J. Ec. Ent. 40:851-854, 1947.

i Lange, Cal. C. 365:56-61, 1946.

Lange, Agr. Chem. 2(9):20-23,68-69,
1947.

i Lange, Cal. Agr. 1(12):1,3, 1947.

Miller, Spreckels Sugar Beet Bul. 11:
38, 1947.

Newhall, Agr. Chem. 2(8):30-31,63,
1947.

Trullinger et al., USDA OES R. f.
1945/46:115-116, 1947.

i Whitlock, Dow Diamond 9(2):22-25,
1946.

WIREWORMS - SUGARCANE

Bynum et al., Sugar Bul. 23:191, 1945.

Igram et al., Sugar J. 9(11):13,23,
1947.

WIREWORMS - TOBACCO

Garner, Prod. of Tob.:279-280, 1946.

Tob. Ins. Conf. Recom. Com. Recom.
Control Tob. Ins. f. 1948, Five-
Cured Tob.:9, 1947.

WITCH-HAZEL CONE GALL, see HOR-

MAPHIS HAMAMELIDIS Fitch

WITCHES' BROOM OF ALFALFA, see

PLATYMODEUS ACUTUS &

WITCHES' BROOM OF ALFALFA

WOHLFAHRTIA Brauer & Bergstm. &

MYIASIS

k James & Gassner, J. Parasit. 33:
243-244, 1947.

WOHLFAHRTIA MAGNIFICA (Schin.) &

MYIASIS

i James, USDA Misc. Pub. 631:36-39,
1947.

WOHLFAHRTIA MEIGENII Schin.

Mills et al., Mont. B. 425:23-24, 1945.

WOHLFAHRTIA NUBA (Wied.) & MYIA-

SIS

James, USDA Misc. Pub. 631:41, 1947.

WOHLFAHRTIA OPACA (Coq.) - IMMATURE STAGES

i James & Gassner, J. Parasit. 33:
241-244, 1947.

WOHLFAHRTIA OPACA & MYIASIS

James, USDA Misc. Pub. 631:40-41,
1947.

WOHLFAHRTIA VIGIL (Wlkr.)

Kingscote, Ont. Dept. Agr. Ont. Vet.
Col. R. f. 1946/47:33.

Shillinger, Amer. Fur Breed. 17(11):
14,16, 1945.

WOHLFAHRTIA VIGIL - MINK

Herrick, Natl. Fur News 19(10):52,
1947.

i Hodgson, Mink Book ed. 2:138-145,
1945.

WOHLFAHRTIA VIGIL & MYIASIS

bi James, USDA Misc. Pub. 631:39-40,
1947.

b Lewis, Can. Med. Assoc. J. 56:319,
1947.

WOLF SPIDERS, see LYCOSIDAE

WOMERSIA STRANDTMANI Wharton

ni Wharton, J. Parasit. 33:382-383,
1947.

WOOD-BORING INSECTS

i Becker & Sweetman, J. Ec. Ent. 39:
408, 1946.

Dean et al., Kans. Ent. Soc. J. 18:94,
1945.

Farrar, Arbor. News 11:42, 1946.

i Lehker, Ind. Ext. B. 314,8 p., 1947.

Lejeune, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1945:46-47,
1946.

Linsley, Pest Control & Sanit. 1(8):28,
30, 1946.

i Mallis, Handb. of Pest Control:167-
187, 1945.

Martineau, Quebec Min. Lands & For.
R. f. 1943/44:95-98, 1945.

bi Richmond & Lejeune, For. Chron.
21:168-192, 1945.

WOOD-BORING INSECTS - COLLEC-

TION & PRESERVATION

Dietrich, Coleopterists' Bul. 1:9, 1947.

WOOD PRESERVATION

Annand, USDA EPQ R. f. 1944/45:22-
23; f. 1945/46:15-16.

Baerg & Lincoln, Ark. Ext. C. 446:8-
9, 1947.

Bennett, Chem. Specialties:269-270,
1946.

Connaughton, USDA FS South. For.
Expt. Sta. R. 25:15, 1945; 26:44-45,
60, 1946; 27:64-65, 1947.

DeAtley, Natl. Farm Chemurg. Coun-
cil, Chemurg. Papers 606:7, 1946.

DeAtley, Pests 15(1):36, 1947.

Gaillard, Ala. Ext. Handb. Ala. Agr.
ed. 4:341-344, 1947.

Hunt & Snyder, Amer. Wood Preserv.
Assoc. P. 41:189-204, 1945; 42:317-
332, 1946; 43:381-396, 1947; Pests

14(6):20,22,24,26,28,30, 1946, 15(7):
12-14,16,18,20, 1947.

b Lesser, Agr. Chem. 2(2):22-25,65,
1947.

Roque, P. R. (Rfo Piedras) R. f.
1943/44:59-60, 1946.

Stiles, Okla. Ext. C. 223 rev.:31-32,
1946?

Turner, Pests 15(5):16, 1947.

Von Schrenk et al., Amer. Ry. Engin.
Assoc. P. 46:368-370, 1947.

Wolcott, J. Ec. Ent. 38:493, 1945.

Wolcott, USDA FS Trop. For. Expt.

Sta. Caribbean For. 6:245-256, 1945.

Spanish text, p. 256-266.

Wolcott, P. R. (Rfo Piedras) B. 68:17-
27, 1946; 73,18 p., 1947.

USDA FS & USDA EPQ, Pests 15(1):
42, 1947.

WOOD PRESERVATION - COPPER

NAPHTHENATE

Nettles et al., S. C. Ext. C. 262 rev.:
8-9, 1947.

i Pemberton, Hawaiian Planters' Rec.
50:57-58, 1946.

WOOD PRESERVATION - CREOSOTE

Kaufert, Minn. Farm & Home Sci. 4
(2):8-9,11, 1947.

Nettles et al., S. C. Ext. C. 262 rev.:
6-7, 1947.

WOOD PRESERVATION - DDT & KEROSENE

Plank, Science 106:317, 1947.

WOOD PRESERVATION - FENCE POSTS
Burgess, Ariz. R. 56:22, 1946; 57:19-20, 1947.

Connaughton, USDA FS South. For.

Expt. Sta. R. 26:36, 1946; 27:51-52, 1947.

i Dunkelberg, S. C. R. 59:14-24, 1947.

Gaillard, Ala. Ext. Handb. Ala. Agr.

ed. 4:339-341, 1947.

bi Hicock & Olson, Conn. B. 509,20 p., 1947.

bi Hopkins, Miss. B. 439,27 p., 1946.

i Kaufert, Minn. Farm & Home Sci. 4 (2):8-9,11, 1947.

Lentz, N. J. Ext. Leaf. 4,4 p., 1947.

i Nettles et al., S. C. Ext. C. 262 rev., 12 p., 1947.

i Smith & Hertzler, N. C. Dept. Conserv. & Develop. Resource Indus. Ser. 1,18 p., 1946.

i Smith & Olson, Down to Earth 3(2): 10-12, 1947.

Starker, Oreg. Engin. Expt. Sta. B. 9-F,7 p., 1945.

WOOD PRESERVATION - PANAMA TEST HOUSE

i Snyder, Wood Preserv. News 25:36-38,45, 1947.

WOOD PRESERVATION - PENTACHLOROPHENOL

Annard, USDA EPQ R. f. 1946/47.16.

Larson, Vt. Ext. Brief. 774, 8 p., 1947.

Lentz, N. J. Ext. Leaf. 4:3-4, 1947.

Nettles et al., S. C. Ext. C. 262 rev.: 7-8, 1947.

i Reed et al., J. Ec. Ent. 40:292, 1947.

i Smith & Olson, Down to Earth 3(2): 10-12, 1947.

WOOD PRESERVATION - PENTACHLOROPHENOL & KEROSENE

Plank, Science 106:317, 1947.

WOOD PRESERVATION - PENTACHLOROPHENOL & OIL (FUEL)

Kaufert, Minn. Farm & Home Sci. 4(2): 9, 1947.

i Lecker, Ind. Ext. B. 314 4-6,8, 1947.

WOOD PRESERVATION - PERMANENCE

Wolcott, J. Ec. Ent. 40:124-129, 1947.

WOOD PRESERVATION - SODIUM PENTACHLOROPHENATE & SULFUR (WETTABLE)

Plank, Science 106:317, 1947.

WOOD PRESERVATION - ZINC CHLORIDE

Kaufert, Minn. Farm & Home Sci. 4(2): 9, 1947.

Nettles et al., S. C. Ext. C. 262 rev.: 9-12, 1947.

WOOD TICK, see DERMACEPTOR ANDERSONI Stiles

WOODS - TERMITE RESISTANCE, see TERMITES - RESISTANT WOODS

***WOOLLY ALDER APHID, see PROCIPHILUS TESSELLATUS (Fitch)**

***WOOLLY APPLE APHID, see ERIOSOMA LANIGERUM (Hausm.)**

WOOLLY BEACH LEAF APHID, see PHYLLAPHIS FAGI (L.)

***WOOLLY ELM APHID, see ERIOSOMA AMERICANUM (Riley)**

WOOLLY LARCH APHID, see CHERMES STROBILOBIVS Kalt.

***WOOLLY PEAR APHID, see ERIOSOMA PYRICOLA Baker**

***WOOLLY WHITEFLY, see ALEUROTHRIXUS FLOCCOSUS (Mask.)**

WYEOMYIA Theob. - GENITALIA - FEMALE

blk Roth, Ent. Soc. Amer. Ann. 39: 292-297, 1946.

WYEOMYIA HAYNEI Dodge

bm Dodge, Ent. Soc. Wash. P. 49:117-122, 1947.

WYEOMYIA MELANOPUS Dyar

i Lane, Ent. Soc. Wash. P. 49:99-101, 1947.

WYEOMYIA MITCHELLII (Theob.)

Pritchard et al., Fla. Ent. 30:14, 1947.

WYEOMYIA SMITHII (Coq.) (PITCHER-PLANT MOSQUITO)*

i Bodenstein, Conn. B. 488:400-401, 1945.

i Ross, Ill. Nat. Hist. Surv. B. 24:5, 7-8,18,20-23,34-35, 1947.

Weathersbee & Arnold, Tenn. Acad. Sci. J. 22:228, 1947.

WYEOMYIA SMITHII - LARVAE - RESISTANCE TO DROUGHT

Bick & Penn, Ent. Soc. Amer. Ann. 40:82-86, 1947.

X-RAY - EFFECT ON INSECTS

b Fano, Science 106:87-88, 1947.

Fosdick, Rockefeller Found. R. f. 1945 159.

Gaulden, Anat. Rec. 99:581, 1947. (Abs.)

b Heidenthal, Genetics 30:197-205, 1945.

Kaufmann & Gay, Carnegie Inst. Wash. YB 44:121-125, 1945.

Kaufmann & Gay, Anat. Rec. 96:530-531, 1946. (Abs.)

Kaufmann & Gay, Natl. Acad. Sci. P. 33:366-372, 1947.

bi Kaufmann et al., Genetics 31:349-367; 368-376, 449-453, 1946.

i Kodani & Stern, Science 104:620-621, 1946.

Metz, Anat. Rec. 99:582, 1947. (Abs.)

Nabours, Kans. Bien. R. 13:58, 1946.

bi Sturtevant, Genetics 31:259-268, 1946.

b Swanson & Hollaender, Natl. Acad. Sci. P. 32:295-302, 1946.

Villee, Genetics 31:233-234, 1946. (Abs.)

i Villee, J. Expt. Zool. 101:261-280, 1946.

bi Whiting, Amer. Nat. 79:193-227, 1946.

Whiting, Anat. Rec. 96:507-508; 556, 1946. (Abs.)

Whiting, Science 103:219-220, 1946.

bi Whiting, Biol. Bul. 91:243-246, 1946.

93:200-201, 1947. (Abs.)

Whiting & George, Biol. Bul. 91:214, 1946.

X-RAY - INSECTICIDE STUDIES

- i Andrews et al., U. S. Pub. Health Rpts. 61:456, 1946.
- Annand, USDA EPQ R. f. 1946/47:4.
- Fankuchen et al., Science 103:25, 1946.
- Schneider & Fankuchen, Amer. Chem. Soc. J. 68:2669-2670, 1946.

XANTHACIURA INSECTA (Loew)

- i Needham, Natl. Geog. Mag. 90:343-344, 346-347, 1946.

XANTHIPPIUS LATERITIUS Sauss.

- Fautin, Ecol. Monog. 16:264-265, 267, 1946.

XENOPSYLLA Glink. - HAWAIIAN ISLANDS

- bi Augustson, Hawaiian Ent. Soc. P. 13:33-36, 1947.

XENOPSYLLA CHEOPIS (Rothsch.) (ORIENTAL RAT FLEA)*

- b Cole, U. S. Pub. Health Rpts. 60:1337-1342, 1945; 61:1470, 1472, 1474-1476, 1479-1481, 1483-1484, 1946.
- i Corrington, Nature Mag. 39:222-223, 1946.
- Montes de Oca, Ofic. Sanit. Pan Amer. B. 24:980-981, 1945.
- Pemberton, Hawaiian Acad. Sci. P. 16:14, 1945. (Abs.)
- b Rumreich, U. S. Pub. Health Rpts. 60:885-886, 888, 892-893, 895-903, 1945.

XENOPSYLLA CHEOPIS - DISTRIBUTION

- b Becker, Iowa Acad. Sci. P. 54:207-300, 1947.

XENOPSYLLA CHEOPIS - INSECTICIDES

- Roark, USDA EPQ E-654:7, 1945.

XENOPSYLLA CHEOPIS - INSECTICIDES - DDT

- Annand, USDA EPQ R. f. 1944/45:10.
- Davis, U. S. Pub. Health Rpts. 60:485-489, 1945.
- Gouck, J. Ec. Ent. 39:410-411, 1946.
- Ludwig & Page, U. S. Pub. Health Rpts. 62:78, 81-84, 1947.
- Millford, Med. Assoc. Ala. J. 16:25-26, 1946.

- Simmons, J. Ec. Ent. 39:16, 1946.

- Upton, Pests 14(3):24, 26, 1946.

- U. S. Pub. Health Serv., Ofic. Sanit. Pan Amer. B. 26:774, 1947.

XENOPSYLLA CHEOPIS - SURVEYS

- b Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:2-3, 6-20, 25-26, 28-31, 35-41, 44-46, 48, 51, 53-57, 62-64, 66, 68-71, 1947.

XENOPSYLLA CHEOPIS & DISEASE

- Van Zwaluwenburg, Plantation Health 10(1):27, 1946.

XENOPSYLLA CHEOPIS & PLAGUE

- Humphreys & Campbell, Can. J. Pub. Health 38:126, 1947.
- Kartman, J. Parasit. 32:30-35, 1946.
- Macchiavello, Amer. J. Pub. Health 36:844, 850-853, 1946.
- Wayson, U. S. Pub. Health Rpts. 62:785-786, 1947.

XENOPSYLLA CHEOPIS & PLAGUE - HAWAII

- Hampton, U. S. Pub. Health Rpts. 60:1366, 1945.

XENOPSYLLA CHEOPIS & PLAGUE, SYLVATIC

- i Wheeler & Douglas, J. Infect. Dis. 77:6-7, 10-12, 1945.

XENOPSYLLA CHEOPIS & TEMPERATURE

- b Cole, U. S. Pub. Health Rpts. 60:1337-1342, 1945.

XENOPSYLLA CHEOPIS & TULAREMIA

- b Price & McMahon, U. S. Pub. Health Rpts. 61:79-85, 1946.

XENOPSYLLA CHEOPIS & TYPHUS

- Andrews, Cal. Mosq. Control Assoc. P. 15:59, 1947.

- Davis, U. S. Pub. Health Rpts. 60:485-489, 1945.

- Davis & Pollard, Amer. J. Trop. Med. 26:619, 1946.

- Musacchio, Tex. St. J. Med. 41:362-364, 1945.

- Pollard et al., Amer. J. Hyg. 44:244-248, 1946.

XENOPSYLLA CHEOPIS & TYPHUS, MURINE

- Davis, U. S. Pub. Health Rpts. 62:455-463, 1945.

- Doty, Hawaiian Planters' Rec. 49:98, 1945.

- Gray et al., Miss. Doctor 27:185, 1947.

- Hill & Ingraham, U. S. Pub. Health Rpts. 62:880-881, 1947.

- Irons et al., J. Bact. 51:610, 1946.

- Pollard & Augustson, Amer. J. Trop. Med. 25(1):31-32, 1945.

- b Pullen & Stuart, N. O. Med. & Surg. J. 98:150-154, 1945.

- Rumreich & Koepke, U. S. Pub. Health Rpts. 60:1422-1428, 1945.

- Upton, Pests 14(3):24, 26, 1946.

- Wiley, Amer. J. Pub. Health 36:981-982, 1946.

XENOPSYLLA HAWAIIENSIS

- Cole & Koepke, U. S. Pub. Health Rpts. Sup. 202:28-29, 31, 1947.

- Pemberton, Hawaiian Acad. Sci. P. 16:14, 1945. (Abs.)

XENOPSYLLA HAWAIIENSIS & DISEASE

- Van Zwaluwenburg, Plantation Health 10(1):27, 1946.

XENYLLA WELCHI Folsom

- Stirrett, Can. Ins. Pest Rev. 25:43, 1947.

XEROPHLOEA VANDUZEEI Laws. - FEEDING - EFFECT ON PLANTS

- bi Severin et al., Hilgardia 16:337-350, 1945.

XEROPHLOEA VIRIDIS (F.) & YELLOW WILT OF SUGAR BEET

- Bennett & Munck, J. Agr. Res. 73:57-59, 1946.

XESTOBium ABIETIS Fisher

- n Fisher, Can. Ent. 79:236-237, 1947.

XESTOBium RUFOVILLOSUM (Deg.) (DEATH WATCH BEETLE)

- Linsley, Pest Control & Sanit. 1(8):28, 1946.

XORIDES INSULARIS (Cress.)

- Barr, Pan-Pac. Ent. 23:58, 1947.

XYLEBORUS sp.

- Look, Hawaiian Ent. Soc. P. 13:23, 1947.

- XYLEBORUS AFFINIS** Eichh.
Beal & Massey, Duke Univ. School
For. B. 10:158-159, 1945.
Martorell, P. R. Univ. J. Agr. 29:470,
1945.
- XYLEBORUS CELSUS** Eichh.
i Beal & Massey, Duke Univ. School
For. B. 10:154-155, 1945.
- XYLEBORUS CONFUSUS** Eichh.
Martorell, P. R. Univ. J. Agr. 29:470-
471, 1945.
- XYLEBORUS FITCHI** Hopk.
Beal & Massey, Duke Univ. School
For. B. 10:159, 1945.
- XYLEBORUS FUSCATUS** Eichh.
i Beal & Massey, Duke Univ. School
For. B. 10:155-156, 1945.
Martorell, P. R. Univ. J. Agr. 29:471-
472, 1945.
- XYLEBORUS GRENADENSIS** Hopk., X.
INERMIS Eichh.
Martorell, P. R. Univ. J. Agr. 29:471-
472, 1945.
- XYLEBORUS PECANIS** Hopk.
i Beal & Massey, Duke Univ. School
For. B. 10:152-153, 1945.
- XYLEBORUS PERFORANS** (Woll.)
Swezey, Hawaiian Ent. Soc. P. 12:353,
1945.
- XYLEBORUS PLANICOLLIS** Zimm., X.
PUBESCENS Zimm.
Beal & Massey, Duke Univ. School
For. B. 10:156-157, 1945.
- XYLEBORUS SACCHARI** Hopk.
Martorell, P. R. Univ. J. Agr. 29:471,
1945.
- XYLEBORUS SAXESENII** (Ratz.) 153, X.
XYLOGRAPHUS (Say) 157
Beal & Massey, Duke Univ. School
For. B. 10:153-154, 1945.
- XYLOBIOPS BASILARIS** (Say) (RED-
SHOULDERED SHOT-HOLE BOR-
ER)
Bissell & Firor, Ga. Ext. B. 501 rev.:
25, 1947.
i Musser et al., S. C. Ext. C. 301:31-
32, 1947.
i Phillips & Cole, Fla. B. 411 rev.:30-
31, 1947.
- XYLOCOPA** sp.
Lauderdale, Ariz. St. Ent. R. f.1945/46:
22.
- XYLOCOPA BRASILIANORUM** (L.)
Martorell, P. R. Univ. J. Agr. 29:560-
564, 1945.
- XYLOCOPA BRASILIANORUM VARI-
PUNCTA** Patton & POLLINATION -
ALFALFA
Linsley, J. Ec. Ent. 39:26-27, 1946.
- XYLOCORIS** sp.
Stuckey, Ga. R. 57:61, 1945.
- XYLOMYGES ERIDANIA** (Cram.), see
PRODENIA ERIDANIA (Cram.)
- XYLOMYIA** Rond. - NEARCTIC
bik Steyskal, Mich. Acad. Sci. Papers
31:181-190, 1947.
- XYLOPHANES PLUTO** (F.)
Plank & Winters, P. R. (Mayagüez) R.
f. 1945:30, 1946.
- XYLOPINUS SAPERDIOIDES** (Oliv.) -
PUPAE
i Daggy, Ind. Acad. Sci. P. 56:256, 1947?
- XYLORYCTES SATYRUS** (F.)
i Champlain, Pa. Game News 17(8):
38, 1946.
- XYLOSANDRUS** n. sp.
Wolfenbarger, Fla. R. f. 1946/47:248.
- XYLOSANDRUS MORIGERUS** (Blandf.)
Swezey, Hawaiian Ent. Soc. P. 12:352-
353, 1945.
- XYLOTERINUS POLITUS** (Say)
Beal & Massey, Duke Univ. School
For. B. 10:106-107, 1945.
- XYLOTRECHUS ACERIS** Fisher (GALL-
MAKING MAPLE BORER)*
Knull, Ohio Biol. Surv. B. 39:217-218,
1946.
- XYLOTRECHUS COLONUS** (F.) (RUSTIC
BORER)*
Bromley, Horticulture 23:248, 1945.
Knull, Ohio Biol. Surv. B. 39:217, 1946.
- XYLOTRECHUS CONVERGENS** Lec. 218,
X. FROSTI Van D. 216, X. NITIDUS
(Horn) 218, X. QUADRIMACULA-
TUS (Hald.) 218, X. SAGITTATUS
(Germ.) 216
Knull, Ohio Biol. Surv. B. 39: 1946.
- XYLOTRECHUS UNULATUS** Say
i Hardy, Victoria Nat. 2:92, 1945.
Knull, Ohio Biol. Surv. B. 39:216, 1946.
- XYSTICUS** Koch & POLLINATION
Ames, Amer. Orchid Soc. B. 13:390-
391, 1945.
- XYSTUS BRASSICAE** (Ashm.), see **CHA-
RIPS BRASSICAE** (Ashm.)
- YELLOW DISEASE OF ASTER**, see **MA-
CROSTELIS DIVISUS** & **YELLOW
DISEASE OF ASTER**
- YELLOW DISEASE OF CARROT**, see
MACROSTELIS DIVISUS & **YEL-
LOW DISEASE OF CARROT**
- YELLOW DISEASE OF LETTUCE**, see
MACROSTELIS DIVISUS & **YEL-
LOW DISEASE OF LETTUCE**
- YELLOW DISEASE OF POTATO**, see
MACROSTELIS DIVISUS & **YEL-
LOW DISEASE OF POTATO**
- YELLOW DWARF**, see **APHIDS & PLANT
DISEASE - YELLOW DWARF**
- YELLOW DWARF OF POTATO**, see
**ACERATAGALLIA SANGUINOLEN-
TA** & **YELLOW DWARF OF POTATO**
- YELLOW DWARF OF SPINACH**, see
MYZUS PERSICAE & **YELLOW
DWARF OF SPINACH**
- YELLOW FEVER**, see under genera
AEDES; **HAEMAGOGUS**, and **MOS-
QUITOES & DISEASE - YELLOW
FEVER**
- YELLOW FEVER, JUNGLE**, see **MOS-
QUITOES & DISEASE - YELLOW
FEVER, JUNGLE**
- *YELLOW-FEVER MOSQUITO**, see
AEDES AEGYPTI (L.)
- *YELLOW-HEADED SPRUCE SAWFLY**,
see **PIKONEMA ALASKENSIS** (Roh.)
- YELLOW LOUSE**, see **TRICHOECTES**
HERMSI Kellogg & Naka.
- YELLOW-MARGINED MILLIPED**, see
FONTARIA VIRGINIENSIS (Drury)
- *YELLOW MEALWORM**, see **TENEbrio
MOLITOR** L.

- YELLOW MITE, see TETRANYCHUS
SEXMACULATUS Riley
- *YELLOW-NECKED CATERPILLAR, see
DATANA MINISTRA (Drury)
- YELLOW ORCHID THRIPS, see ANAPHO-
THRIPS ORCHIDACEOUS Bagn.
- YELLOW PECAN APHID (ARIZONA), see
MONELLIA COSTALIS (Fitch)
- *YELLOW SCALE, see AONIDIELLA CI-
TRINA (Coq.)
- YELLOW SPOT OF CELERY, see under
genus RHOPALOSIPHUM; and
APHIDS & PLANT DISEASE - YEL-
LOW SPOT OF CELERY
- YELLOW SPOT OF PINEAPPLE, see
under genera HERCINOTHRIPS;
THRIPS
- YELLOW SPRUCE BUDWORM, see ZEIRAPHERA FORTUNANA (Kearf.)
- *YELLOW-STRIPED ARMYWORM, see
PRODENIA ORNITHOGALLI Guen.
- *YELLOW SUGARCANE APHID, see
SIPHA FLAVA (Forbes)
- YELLOW TOP OF POTATO, see LEAF-
HOPPERS & PLANT DISEASE -
YELLOW TOP OF POTATO
- YELLOW WILLOW APHID, see CAVARIELLA CAPEAE (F.)
- YELLOW WILT OF SUGAR BEET, see
under genera AGALLIANA; ATANUS; EMPOASCA; MELANOTRICHUS; MYZUS; XEROPHLOEA
- *YELLOW WOOLLYBEAR, see DIACRISIA VIRGINICA (F.)
- YEZABURA ERIOPHORI
Knowlton, Kans. Ent. Soc. J. 20:26,
1947.
- YUCCA INSECTS
bi Haviland, Md. B. A37:103-112, 1945.
Rau, Mo. Bot. Gard. Ann. 32:373-394,
1945.
- *YUCCA MOTH, see TEGETICULA YUC-
CASELLA (Riley)
- *YUCCA PLANT BUG, see HALTICOTOMA VALIDA Reut.
- ZABROTES SPECTABILIS Horn - PEP-
PERGRASS
Romney, Ecology 27:260-261, 1946.
- ZABROTES SUBFASCIATUS (Boh.)
Sun, Minn. TB 177:8-9, 21, 31-34, 1947.
- ZALEPTOPYGUS FLAVO-ORBITALIS
(Cam.)
Arbuthnot et al., USDA EPQ Ins. Pest
Surv. Sp. Sup. (1947, No. 6):3.
Pemberton, Hawaiian Planters' Rec.
50:137-138, 1946.
Van Zwaluwenburg, Hawaiian Ent. Soc.
P. 13:25, 1947.
- ZAMAGIRIA DEIA Dyar
Myers, USDA EPQ Ins. Pest Surv. Sp.
Sup. (1947, No. 1):4.
- ZARHOPALUS sp.
Burnett, Quebec Soc. Protect. Plants
R. 29:86, 1945?
- ZARHOPALUS CORVINUS Gir.
Burnett, Quebec Soc. Protect. Plants
R. 29:86, 1945.
- ZARHOPALUS CORVINUS - EGGS &
LARVAE
Maple, Cal. Univ. Pub. Ent. 8:115,
1947.
- ZARHOPALUS SHELDONI Ashm.
Clancy & Pollard, J. Ec. Ent. 40:578-
579, 1947.
- *ZEBRA CATERPILLAR, see CERAMICA (Harr.)
- ZEBRA SWALLOW-TAIL, see PAPILIO
MARCELLUS Cram.
- ZEIRAPHERA sp.
Atwood, Can. Dept. Agr. Div. Ent. For.
Ins. Surv. R. f. 1944:32, 1945.
- ZEIRAPHERA FORTUNANA (Kearf.)
YELLOW SPRUCE BUDWORM
Harrison, N. S. Dept. Lands & For.
R. f. 1944:39, 1945.
- Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:39, 1947.
- Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:10, 1945,
f. 1945:13, 1946, f. 1946:14, 1947.
- ZEIRAPHERA RATZBURGIANA (Ratz.)
(REDDISH-YELLOW SPRUCE BUD-
WORM)
Davault, Quebec Min. Lands & For.
R. f. 1944/45:117, 1946.
- Harrison, N. S. Dept. Lands & For. R.
f. 1944:39, 1945.
- Hawboldt, N. S. Dept. Lands & For. R.
f. 1945/46:39, 1947.
- Reeks et al., Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:10, 1945,
f. 1945:13, 1946; f. 1946:14, 1947.
- ZELIA VERTEBRATA Say
Gray, Amer. Mid. Nat. 35:740-741,
743, 1946.
- ZELUS RENARDII Kol.
Clancy, J. Ec. Ent. 39:326-327, 1946.
Van Zwaluwenburg, Hawaiian Planters'
Rec. 50:12, 1946.
- ZENILLIA BLANDA (O.-S.)
Scaramuzza, in Cuba Min. Agr. Estac.
Expt. Caña de Azúcar (Havana), Caña
de Azúcar en Cuba:549, 1946.
- ZENILLIA CAESAR (Ald.), see APLOMYIA CAESAR (Ald.)
- ZENILLIA VIRILIS Ald. & Webber
Shaw, J. Ec. Ent. 40:436, 1947.
- ZERCOSEIUS sp.
Fronk, Va. TB 108:10, 1947.
- ZERENE CAESONIA (Stoll) (DOG'S HEAD
BUTTERFLY)
i Knight, Iowa Conserv. 4:139, 1945.
- ZETETICONTUS sp.
Stuckey, Ga. R. 58:82, 1946.
- ZEUGOPHORA sp.
Manson et al., Can. Ins. Pest Rev. 24:
100, 1946.
- Peterson, Can. Dept. Agr. Div. Ent.
For. Ins. Surv. R. f. 1944:56, 1945;
f. 1945:58, 1946.
- Peterson, Can. Ins. Pest Rev. 24:109,
1946.
- ZEUZERA PYRINA (L.) (LEOPARD
MOTH)*
i Boyd, N. J. Dept. Agr. C. 355:139-
140, 1945.
- Filmer, Home Gard. (N. Y.) 6(3):94,
1945.
- ZODION sp.
MacSwain & Bohart, Pan-Pac. Ent.
23:30, 1947.

- ZOOLOGICAL SOCIETIES, see also ENTOMOLOGICAL SOCIETIES
- ZOOLOGICAL SOCIETIES - NEW YORK ZOOLOGICAL SOCIETY - DEPARTMENT OF INSECTS
Howes, N. Y. Zool. Soc. B. 48:99-102, 1945.
- ZOOLOGY - BIBLIOGRAPHY
USDA BAI, Index-Cat. Med. & Vet. Zool. Pt. 7:1755-2272; Pt. 8:2273-2582; Pt. 9:2583-2966, 1946.
- ZOOLOGY - NOMENCLATURE
b Metcalf, Tenn. Acad. Sci. J. 22:232-239, 1947.
Smith, Science 102:185-189, 1945.
- ZOOLOGY - NOMENCLATURE, see also ENTOMOLOGY - NOMENCLATURE
- ZOOLOGY - NOMENCLATURE - INTERNATIONAL COMMISSION
Sabrosky, Ent. Soc. Amer. Ann. 40: 152-153, 1947.
- ZOOLOGY - NOMENCLATURE - INTERNATIONAL COMMISSION - OPINIONS
Bradley, Science 104 256-257, 1946.
Rapp, Science 102:17-18, 1945.
- ZOOLOGY - NOMENCLATURE & SEMANTICS
Steyskal, Ent. News 56:100-102, 1945.
- ZOOLOGY - OUTLOOK
Cockerell, Pan-Pac. Ent. 22:40, 1946.
- ZOOLOGY, TAXONOMIC
Ball, Science 103:713-714, 1946.
Metcalf, Science 104:328-329, 1946.
- ZOOLOGY, TAXONOMIC, see also ENTOMOLOGY, TAXONOMIC
- ZOOTERMOPSIS Emrsn. - REPRODUCTION
b Light & Illg, Cal. Univ. Pub. Zool. 53(1):1-39, 1945.
- ZOOTERMOPSIS ANGUSTICOLLIS (Hagen)
Downes et al., Can. Ins. Pest Rev. 25: 121, 1947.
Hoskins & Chamberlin, Cal. C. 365: 101, 1946.
- ZOOTERMOPSIS ANGUSTICOLLIS - SWARMING
Carl, Victoria Nat. 2 76-77, 1945.
Guppy, Victoria Nat. 2:140, 1946.
- ZOOTERMOPSIS NEVADENSIS - (Hagen)
Hoskins & Chamberlin, Cal. C. 365: 101, 1946.
b Light & Illg, Cal. Univ. Pub. Zool. 53(1):1-39, 1945.
- ZOPHODIA CONVOLUTECLA (Hbn.) (GOOSEBERRY FRUITWORM)*
Brann, N. Y. (G.) R. 65:16, 1947.
Cannon, Can. Ins. Pest Rev. 24 12, 1946.
Hammond, Can. Ins. Pest Rev. 25:93, 1947.
i Mills & Dewey, N. Y. (C.) Ext. B. 306 rev. 34-36, 1946.
Ross, Can. Ins. Pest Rev. 24:48, 1946.
- ZOPHODIA GROSSULARIAE (Riley), see ZOPHODIA CONVOLUTECLA (Hbn.)
- ZYGOGRAMMA EXCLAMATIONIS (F.) (SUNFLOWER BEETLE)*
Arnason, Can. Ins. Pest Rev. 25:110, 1947.
Arnason et al., Can. Ins. Pest Rev. 24:85, 1946.
Bird & Mitchener, Can. Ins. Pest Rev. 24:68, 1946.
- ZYGOPTERA - PREY - PRECIPITIN TEST
Brooke & Proske, Natl. Malar. Soc. J. 5:51-55, 1946.

I. A. R. I. 75.

IMPERIAL AGRICULTURAL RESEARCH
INSTITUTE LIBRARY
NEW DELHI.

[illegible]